## पेटेंट कार्यालय शासकीय जर्नल

# OFFICIAL JOURNAL OF THE PATENT OFFICE

निर्गमन सं. 10/2016 शुक्रवार दिनांक: 04/03/2016 ISSUE NO. 10/2016 FRIDAY DATE: 04/03/2016

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

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

4<sup>TH</sup> MARCH, 2016

#### **CONTENTS**

SUBJECT		PAGE NUMBER
JURISDICTION	:	9500-9501
SPECIAL NOTICE	:	9502-9503
EARLY PUBLICATION (DELHI)	:	9504
EARLY PUBLICATION (MUMBAI)	:	9505-9542
EARLY PUBLICATION (KOLKATA)	:	9543-9558
PUBLICATION AFTER 18 MONTHS (DELHI)	:	9559-9744
PUBLICATION AFTER 18 MONTHS (MUMBAI)	:	9745-9844
PUBLICATION AFTER 18 MONTHS (CHENNAI)		9845-9984
PUBLICATION AFTER 18 MONTHS (KOLKATA)	:	9985-10111
AMENDMENT UNDER SEC. 57(KOLKATA)		10112
PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENT (MUMBAI)	:	10113
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (DELHI)	:	10114-10119
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (MUMBAI)	:	10120-10121
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (CHENNAI)	:	10122-10124
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (KOLKATA)	:	10125-10133
INTRODUCTION TO DESIGN PUBLICATION	:	10134
THE DESIGNS ACT 2000 SECTION 30 DESIGN ASSIGNMENT	:	10135
COPYRIGHT PUBLICATION	:	10136
REGISTRATION OF DESIGNS	:	10137-10186

## THE PATENT OFFICE KOLKATA, 04/03/2016

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

Website: www.ipindia.nic.in 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.

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#### पेटेंट कार्यालय

#### कोलकाता, दिनांक 04/03/2016

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	बौद्धिक संपदा भवन,		कोलकाता, (प्रधान कार्यालय)
	एंटोप हिल डाकघर के समीप,		बौद्धिक संपदा भवन,
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	फ़ैक्स: (91) (22) 24130387		फोन: (91)(33) 2367 1943/44/45/46/87
	ई. मेल: Mumbai-patent@nic.in		फ़ैक्स:/Fax: (91)(33) 2367 1988
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	छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन		, ,
	तथा दीव, दादर और नगर हवेली.		<ul> <li>भारत का अवशेष क्षेत्र</li> </ul>
3	पेटेंट कार्यालय, भारत सरकार	1	
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#### www.patentoffice.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2006 द्वारा वांछित सभी आवेदन, सूचनाए, विवरण या अन्य दस्तावेज़ या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे। शुल्क: शुल्क या तो नगद रूप में या Controller of Patents के नाम में देय बैंक ड्राफ्ट या चेक के द्वारा भेजी जा सकती है जो उसी स्थान के किसी अनुसूचित बैंक में प्रदत्त हो जहाँ उपयुक्त कार्यालय स्थित है।

#### **SPECIAL NOTICE**

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

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

Notice is also given that if any interested person requests for copies of the complete specification, drawing and abstract of any application already published, the photocopy of the same can be supplied by the Patent Office as per the jurisdiction on payment of prescribed fees of Rs.8/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

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

#### **SPECIAL NOTICE**

Under the new provision of the Patents Act, 1970 as amended by the Patents (Amendment) Act, 2005 and Rules there under, Publication of the matter relating to Patents in the Official Gazette of India Part III, Section 2 has been discontinued and instead The Official Journal of the Patent Office is being published containing all the activities of The Patent Office such as publication of all the patent applications after 18<sup>th</sup> 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 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.645/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :10/03/2015

(43) Publication Date: 04/03/2016

## (54) Title of the invention : A DEVICE TO INJECT THE DRUG INTO PATIENT DIRECTLY FROM DRUG-CONTAINER AND A METHOD THEREOF

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Siling Date (87) International Publication Number Filing Date (88) International Publication Number Siling Date (89) Patent of Addition to Application Number Siling Date (80) Divisional to Application Number Siling Date (81) International Classification Number Siling Date (81) International Classification Number Siling Date (82) International Classification Number Siling Date (83) Name of priority country Siling Date (84) International Classification Number Siling Date (85) International Classification Number Siling Date (86) International Application Number Siling Date (87) International Classification Number Siling Date (88) International Classification Number Siling Date (89) International Classification Number Siling Date	(71)Name of Applicant: 1)PRATIBHA RATHORE Address of Applicant: 2/893-894, BUDDHI VIHAR, AVAS VIKAS COLONY MAJHOLA, MORADABAD-244103 (UTTAR PRADESH) Uttar Pradesh India 2)BHARATI RATHORE 3)JAI HIND RATHORE 4)BHUVAN CHANDRA RATHORE (72)Name of Inventor: 1)PRATIBHA RATHORE 2)BHARATI RATHORE 3)JAI HIND RATHORE 4)NEELAM RATHORE 5)BHUVAN CHANDRA RATHORE
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(57) Abstract:

No. of Pages: 99 No. of Claims: 68

(22) Date of filing of Application :04/02/2016 (43) Publication Date : 04/03/2016

## (54) Title of the invention : METHOD OF MANUFACTURE AND ASSEMBLY OF BEARINGS FOR MECHANISMS IN BOX TYPE MACHINE BODIES

#### (57) Abstract:

ABSTRACT This invention provides a simple and effective solution to problems by an innovative method of construction and assembly of bearings for mechanisms in box type machine bodies, which is not only easy to manufacture but equally easy to assemble and maintain in long run. The machines which are generally used to obtain required positioning tolerances in case of plurality of bearing positions in geometrical relations with each other, are not supposed to control the diametrical tolerances on these, and thus a line of compromise always exists between these two, which is determinant of tooling used. This invention, by design, separates the machining activities of the precisely located holes from machining of precisely controlled diameters and step dimensions. Furthermore, while maintenance, instead of discarding the entire machine body, only the bearing mounting part is needed to be changed in an event of wear or cold forming of bearing fit and all of these form an important portion of the prominent novel features of this invention.

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

(22) Date of filing of Application :05/02/2016 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: ALL POSITIVE WARP PATTERNING DEVICE WITH SHAFT-IN-SHAFT ARRANGEMENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:D03D31/00, D04B15/86, :NA :NA :NA :NA	(71)Name of Applicant:  1)Sanjay Anant Kurkute Address of Applicant: 21/1615, Bhagyashree •, Opp. Deccan Co-Op. Spinning Mills, Jawaharnagar, ICHALKARANJI-416 117, Kolhapur, Dist. Maharashtra State, INDIA Maharashtra India (72)Name of Inventor:  1)Sanjay Anant Kurkute
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	: NA :NA :NA :NA	1)Sanjay Anant Ixurkute
Filing Date	:NA :NA	

#### (57) Abstract:

ABSTRACT The invention pertains to world<sup>TM</sup>s first link and disc type positive Shedding Device without Hook, Knife and rotor cam type arrangement, the swivel links and discs augment the operational speed as well as reliability. Furthermore the output levers are driven by world<sup>TM</sup>s first shaft in shaft • arrangement for gaining freedom for using bigger, better and stronger parts, as the constraint in conventional devices comes from heald frame pitch limitation of 10 to 15 mm per frame. The invention breaks this design barrier and also comprises a sturdier, positive logic, electro-magnet actuated frame selector and equally positive frame execution mechanism. This invention also addresses world<sup>TM</sup>s first left hand side and right hand side, split structure of shedding device which occupies very little space on the weaving machine and paves way for making a weaving machine having a very small footprint, with half of heald frames driven from one side and remaining half from another.

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

(22) Date of filing of Application :05/02/2016 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: OIL IMMERSED MULTIDISC BRAKING SYSTEM FOR WEAVING MACHINES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:D04B9/00, D04B7/00 :NA :NA :NA :NA	(71)Name of Applicant:  1)Sanjay Anant Kurkute Address of Applicant:21/1615, Bhagyashree •, Opp. Deccan Co-Op. Spinning Mills, Jawaharnagar, ICHALKARANJI-416 117, Kolhapur, Dist. Maharashtra State, INDIA Maharashtra India (72)Name of Inventor:
Filing Date	:NA	1)Sanjay Anant Kurkute
(87) 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 This invention is about a multidisc oil immersed braking system for use on weaving machines, in which the presence of oil between the metallic and friction braking surfaces will avoid jerk load as the oil moves out from between the multiple discs, it gradually brings the braking surfaces firmly in contact bringing the machine to standstill. Further one of the major advantages of this invention is that owing to multiple discs a considerable braking surface area, as compared to the overall volume of the braking unit, is thus available making the overall braking system very compact. Dissipation of heat, by cooling of braking surfaces with continuous flow of oil further augments repeatable braking performance and also increases life of the braking surfaces. Full enclosure for oil immersion further saves the braking apparatus from textile environments and from fire hazards arising out of deadly combination of cotton lint accumulation and sparks which are known to have generated often by worn out braking devices.

No. of Pages: 11 No. of Claims: 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/02/2016 (43) Publication Date : 04/03/2016

(54) Title of the invention: PAYAPP

(51) International classification	:G06F 17/00, B65G 1/00	,
(31) Priority Document No	:NA	PIMPLE SAUDAGAR ROAD, PIMPLE SAUDAGAR, PIMPRI
(32) Priority Date	:NA	GAON, PUNE-411017, MAHARASHTRA, INDIA. Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	2)MS. ANAGHA CHAUDHARI
Filing Date	:NA	3)MR. SANDEEP B. WAGHERE
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MRS. SANDHYA S. WAGHERE
Filing Date	:NA	2)MS. ANAGHA CHAUDHARI
(62) Divisional to Application Number	:NA	3)MS. SANDEEP B. WAGHERE
Filing Date	:NA	

(21) Application No.201621005149 A

#### (57) Abstract:

Conventional system maintains data manually as well as automated like ERP based systems and many other softwares. Due to this searching and accessing information becomes time consuming and causes irritation. Present system does not provide all professional information of an individual employee in one click. This problem needs to be addressed and there should be some system which makes the searching easy. Proposed invention relates to the field of Information Storage and Retrieval, and Network Security. This invention relates to a system for retrieving or accessing personal and professional information in short time and it is named as PAY-APP. Proposed system should portable and compact and no need of external internet connection.

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

(22) Date of filing of Application :15/02/2016 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: THE HYBRID VERSION OF STAPLER, SHARPENER, PUNCHING AND STAMPING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:B41K 1/00 :NA :NA :NA :NA	(71)Name of Applicant:  1)ADITYA ANANDRAO JAGTAP Address of Applicant: A-19, BHAKTI AMBER, MANIK COLONY, CHINCHWAD, PUNE-411033, TAL: HAWELI, MAHARASHTRA, INDIA. Maharashtra India 2)ANJALI ANANDRAO JAGTAP
Filing Date	:NA	3)GANESH DNYANDEO DUDHE
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number</li></ul>	: NA :NA	(72)Name of Inventor: 1)ADITYA ANANDRAO JAGTAP
Filing Date (62) Divisional to Application Number	:NA :NA	2)ANJALI ANANDRAO JAGTAP
Filing Date	:NA	

#### (57) Abstract:

Often during maintenance of record, certain office/ stationary products such as stapler, punching machine and stamp with ink pad is required. Indirectly these products help in preparing a good/strong document for organization which makes everyone happy. But during the process, it always makes chaos or delays the work when any one product is missing and this happens often. So to avoid this regular problem, we have designed the hybrid model. Our product combines stapler, punching machine, sharpner and stamp pad in single unit. Due to our product, now there is no need to carry separate all these units. All the three major operations will be performed using single unit with the same efficiency as individual one. Using lock and set function of stapler, the task of stapling and punching is done. During set function, papers will be stapled and keeping it in lock, punching will be done. A stamp of regular circular or rectangular shape is provided at the bottom. This is additional feature which will make our product very popular and useful. Our product saves time, reduces efforts, yet it is economical.

No. of Pages: 11 No. of Claims: 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201621005227 A

(19) INDIA

(22) Date of filing of Application :15/02/2016 (43) Publication Date : 04/03/2016

(54) Title of the invention: AQUARIUM SYSTEM

	· A 0.1 V 62 /00	(71) Nome of Applicant
(51) International classification	A01K63/00,	(71)Name of Applicant : 1)LOUIS JOHNNY
. ,	A01G1/00	Address of Applicant :A/102, MAHAVIR UMANG,
(31) Priority Document No	:NA	KOLBAD ROAD, NEAR PRATAP TALKIES, THANE 400 601,
(32) Priority Date	:NA	MAHARASHTRA, INDIA Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)LOUIS JOHNNY
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

An aquarium system is disclosed. The aquarium system (100) comprises a primary chamber (102) and a secondary chamber (104), where at least a portion of the secondary chamber (104) is located at the operative bottom of the primary chamber (102). A perforated barrier (108) is positioned between the primary chamber and the portion of the secondary chamber (104) located at the operative bottom of the primary chamber to allow limited fluid communication thereto. An oblique plate (110) is provided in the secondary chamber (104) to form a catchment basin (112). The waste are collected in the catchment basin (112), which can be easily and efficiently removed. The system (100) is fish-friendly, and maintains the water quality, prevents clouding or poisoning of the water, without the use of a filtration system, for a period as long as 4 to 6 months.

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

(22) Date of filing of Application :15/02/2016 (43) Publication Date : 04/03/2016

(54) Title of the invention: PROCESS OF MOLECULAR DOCKING AND SYNTHESIS OF BIOLOGICALLY IMPORTANT 1,4,8,11-TETRAAZOCYCLOTETRADECA-4, 7,11,14-TETRAENE DERIVATIVES AND THEIR USE AS THERAPEUTIC AGENT.

(51) International classification	:C07D257/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. RICHA KOTHARI
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CHEMISTRY,
(33) Name of priority country	:NA	SCHOOL OF SCIENCES, ITM UNIVERSITY, GWALIOR,
(86) International Application No	:NA	(M.P.) INDIA. Madhya Pradesh India
Filing Date	:NA	2)MR. VIBHU JHA
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR. RICHA KOTHARI
Filing Date	:NA	2)MR. VIBHU JHA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The purpose of this study was to design compounds with good computation docking results on Estrogen Receptor a and Estrogen Receptor p, by comparing with the molecular docking studies of tamoxifen and afimoxifene (4-hydroxy tamoxifen) for treatment of breast cancer. Afterwards, significant binding affinities approach towards synthesis of those compounds. Three novel compounds were designed by computational docking studies of synthesized using PyRx 0.8, Autodock vina based scoring function, Discovery studio 4.5 and UCSF Chimera 1.10.2. and compared with docking results of tamoxifen and afimoxifene. These compounds were successfully synthesized from substituted carbohydrazone, semicarboxide hydrochloride and ethylene diamine and characterized by various physicochemical and spectroscopic techniques like elemental analysis, TLC, melting point, FT-IR, Proton-NMR and UV-Visible spectrophotometry. Compounds resulted in excellent binding scores mainly towards Estrogen Receptor a and Estrogen Receptor (3. They were synthesized in sufficient quantities and are under pharmacological investigation for activity against breast cancer.

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

(22) Date of filing of Application :19/02/2016 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: REUSE OF WASTE WATER FROM BATHROOM FOR MULTISTORY BUILDINGS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:E03D1/012, E03C1/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)VINAYAK SURYAKANT PARKHI Address of Applicant:1-B, 11/71, RUSTON COLONY, CHINCHWAD, PUNE-411033, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor: 1)VINAYAK SURYAKANT PARKHI
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#### (57) Abstract:

According to this invention, there is provided a system for reuse of waste water from bathroom for multistory buildings, which comprising: a) The water used for bath, washing clothes, etc from bathroom at top most flat in a multi storey building is filtered through a wire mesh outlet at bathroom to be flown through pipe & stored in a tank situated on the loft of below flat. A pipe of 3 (inch) Diameter can be use to connect between outlet of bathroom to inlet of a overhead tank. The inlet to a tank can be fixed by making hole to the top of the tank or can insert from the hole at top of the tank. A detachable filter can be use in between made by coir to re-filter the used water. This detachable filter can be clean or change over at fixed time interval by observing flow of water or the color of water in a overhead tank. This detachable filter is required only if somebody wants to re-filter the used water. Filtering by wire mesh is sufficient to prevent hairs or any solid particles, which may cause blockage in pipe in future. The overhead tank can be used up to 500 liters in a transparent form to visualize the level & shade of used water; b) When the flush is used at 2nd top most flat, the used water is being utilize from overhead tank, Currently Vz plastic pipe is generally used to connect between water supply pipe to flush, however any diameter pipe can be use to connect between outlet of over head tank to inlet of flush. In case there is excess water at overhead tank, then the excess water will drain out from the outlet for excess water at the top of the over head tank (as shown in the figure). This excess water will flow to the 3rd top most flat & if the overhead tank is full of water, then the excess water will flow to the 4th top most flat & so on; c) The over head tank at 3rd top most & all below flats shall have additional inlet at top for excess water from above flats. It means all the flats at 3rd top most & below will have 2 inlets at top (1 for excess water & other from outlet of above flat) and 2 outlets, 1 at top for drain out excess water & 1 at below to go to the flush. Hence there is full utilization of used water in a multi storey building except the flat at ground floor.

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

(22) Date of filing of Application :20/02/2016 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: RENEWABLE PORTABLE BATTERY CHARGER USING WIND ENERGY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:F03D9/02, F03D3/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)AJINKYA RAVINDRA KOTTAWAR Address of Applicant: 201, Gurdev Nagar, Umarsara, YAVATMAL, 445001, Maharashtra, INDIA. Maharashtra India 2)PRASAD PRAKASH LOKULWAR (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)Parikshit Narendra Mahalle 2)AJINKYA RAVINDRA KOTTAWAR 3)PRASAD PRAKASH LOKULWAR 4)Shrikant Suroshe

#### (57) Abstract:

According to this invention, a renewable portable battery charger using wind energy is disclosed. The mobile electricity generator comprises a body adapted to be hanging on a wing vehicle shield or in vehicle window such that to provide more wind at high pressure at the outlet end of the body. An alternator fixed in the body such that it easy to transfer electricity. The circuit board is to be provided to amplify specified current such that battery charges correctly. The battery is use for charging the devices while the charger is in rest.

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

(22) Date of filing of Application :20/02/2016 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: COMBUSTOR FOR MICRO GAS TURBINE ENGINE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:F02C1/00, F02G3/00 :NA :NA :NA :NA	(71)Name of Applicant:  1)Digvijay Bipinchandra Kulshreshtha Address of Applicant: A/6, Sai Samarth Residency, Opp.  Neelam Society, B/H Sharda Yatan School, Piplod, Surat 395 007, Gujarat Gujarat India  2)Ronakkumar Rajnikant Shah (72)Name of Inventor:
(87) International Publication No	: NA	1)Ronakkumar Rajnikant Shah
(61) Patent of Addition to Application Number	:NA	2)Digvijay Bipinchandra Kulshreshtha
Filing Date  (62) Divisional to Application Number	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A small combustion device used to produce hot gases, by burning a premixed mixture of hydrogen and air, at very low equivalence ratio and can satisfy the need of stable combustion by increasing the residence time within the reaction zone and reduce loss in terms of heat energy by preheating the reactants by the heat loss of product of combustion to the walls, separating the reactant and product passages. Energy in form of heat is transferred from product channel to reactant channel. This increases the temperature of reactants helps in reducing the overall equivalence ratio. This helps in reducing NOx emissions. The flame is stabilized by increasing the residence time within the central reaction zone by reducing the velocity of incoming reactant. This reduction in velocities achieved by increasing the cross-section of reactant passage from inlet to central reaction zone.

No. of Pages: 30 No. of Claims: 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201621005268 A

(19) INDIA

(22) Date of filing of Application :15/02/2016 (43) Publication Date : 04/03/2016

## (54) Title of the invention : SIZING AGENT FOR COLD PROCESS IN SINGLE COUNTSECTIONAL WARPING MACHINE TO AVOID SIZING PROCESS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:D21H 17/00 :NA :NA :NA :NA	(71)Name of Applicant:  1)FIROZKHAN AHMEDKHAN PATHAN Address of Applicant: 769, KUTUB NAGAR, LANE 2 NEAR SAIYEDWADI BUS STOP VATVA, AHMEDABAD 382440 GUJARAT, INDIA Gujarat India (72)Name of Inventor: 1)FIROZKHAN AHMEDKHAN PATHAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Abstract: The present invention is relates adding sizing agent for cold process in single count sectional warping machine to avoid sizing process, which is use in textile industries. The present invention mainly used in textile industries to avoid sizing process for single count use in textile industries, which reduce the production length and production time.

No. of Pages: 9 No. of Claims: 3

(22) Date of filing of Application :17/02/2016 (43) Publication Date : 04/03/2016

## (54) Title of the invention : A METHOD FOR RETRIEVING IMAGES BASED ON CONTENT BASED IMAGE RETRIEVAL (CBIR) FROM IMAGE DATABASES

(51) International classification  (31) Priority Document No (32) Priority Date (33) Name of priority country (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) Patent of Addition Number Filing Date (11) Patent of Addition Number Sina Sina Sina Sina Sina Sina Sina Sina	1 I)VINAYAK A KHARADI
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#### (57) Abstract:

In one of the important aspect of the invention it is provided that a method for retrieval of images from databases, a method of retrieval of Content Based Image Retrieval (CBIR) deployed on Hybrid Cloud Architecture. CBIR is nothing but retrieving images from a database or library of digital images according to the visual content of the images such as of colors, textures or shapes; In a method for retrieving images related to a query image from a large set of distinct images. It follows an approach to extract the different shape and texture information present in an image. The above features which can be stored in vectors called feature vectors and therefore these are compared to the feature vectors of query image and the image information is sorted in decreasing order of similarity. The processing and storage of the same is done on cloud. The CBIR system is an application built on Windows Azure platform. It is a parallel processing problem where a large set of images have to be operated upon to rank them based on a similarity to a provided query image by the user. Image feature vector extraction is computationally heavy operation and it is performed on windows azure cloud by a Software as a service, the feature vectors are stored in blob storage on the private cloud, to further reduce the cost and security the image database is stored on private cloud built using Microsoft Azure private cloud setup, hence the system is implemented on Hybrid Cloud Architecture.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201621005479 A

(19) INDIA

(22) Date of filing of Application :17/02/2016 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: PORTABLE FAN PROVIDING AIR ON BOTH THE SIDES

	F0.4P.4F.(0.0	7127
(51) International classification	:F04B17/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ABNAVE VIKAS MARUTRAO
(32) Priority Date	:NA	Address of Applicant :MAHARASHTRA VIDYARTHI
(33) Name of priority country	:NA	SAHAYYAK MANDAL, 484, SADASHIV PETH, TILAK
(86) International Application No	:NA	ROAD, PUNE-411 030, MAHARASHTRA, INDIA. Maharashtra
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)PATIL SNEHA SAMBHAJI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention relates to a portable fan providing air on both the sides in which any existing portable fan like table fan, pedestal fan, window fan, floor fan, tower fan, misting fan or any other kind of fan, is modified such that it provides air on both the sides of the fan. This modified fan occupies the same space and consumes the same amount of electricity, as used by the previously existing fan. The assembling of this fan is quiet simple, easy and affordable. Thus this fan is very economical saving space, electricity and cost.

No. of Pages: 14 No. of Claims: 5

(22) Date of filing of Application :17/02/2016 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: A SYSTEM FOR REMINDING THE USER TO LOCK THE CAR

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)KALE SIDDHARTH VINAYAK
(32) Priority Date	:NA	Address of Applicant :PCCDE, MECH DEPT, NIGDI-411044
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	2)JAGTAP SWAPNIL RAJENDRA
Filing Date	:NA	3)GUNJAWATE AKSHAY SURYAKANT
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)KALE SIDDHARTH VINAYAK
Filing Date	:NA	2)JAGTAP SWAPNIL RAJENDRA
(62) Divisional to Application Number	:NA	3)GUNJAWATE AKSHAY SURYAKANT
Filing Date	:NA	

#### (57) Abstract:

The present invention is a system in four wheelers for reminding the user whether the four wheeler is locked or not, the said system uses a combination of RF (radio frequency) transmitter and a receiver, known as RF Module Pair(TX+RX), the said transmitter is required to be installed in the car and the said receiver is to be installed in the car key, the said transmitter installed in the car transmits a signal, the receiver installed in the key has a motor which generates vibrations after receiving signal from transmitter, the pair of receiver and transmitter is a RF module pair(TX+RX), the vibrations in the key reminds the user that the car isnt locked and the overall cost of installing this system is not much

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201621006374 A

(19) INDIA

(22) Date of filing of Application :24/02/2016 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: VARIABLE ROOF AND BONNET DIFFUSER

(51) International classification	:F02D 41/00	(71)Name of Applicant: 1)ABDUL SAMAD SHILEDAR
(31) Priority Document No	:NA	Address of Applicant :BUNG. NO. 1515, SV. NO. 61,
(32) Priority Date	:NA	SIDDHIVINAYAK COLONY, BAPDEVNAGAR,
(33) Name of priority country	:NA	DEHUROAD, PUNE-412101, MAHARASHTRA, INDIA.
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ABDUL SAMAD SHILEDAR
(61) Patent of Addition to Application Number	:NA	2)MILIND DESHPANDE
Filing Date	:NA	3)AKSHAY LALA
(62) Divisional to Application Number	:NA	4)MANOK PRAKASH BAUSKAR
Filing Date	:NA	

#### (57) Abstract:

The invention relates mounting of variable type diffusers in form of first plate and second plate, on the bonnet and roof of a vehicle. The first plate and the second plateare actuated by means of a mechanism of hydraulic or plurality of mechanical linkages. The motion of the first plate and the second plate is controlled by the ECU based on the input data from sensors. The first plate and the second platecan be opened at different angles to achieve different purpose.

No. of Pages: 9 No. of Claims: 3

(22) Date of filing of Application :24/02/2016 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: A MAGNET ALTERNATOR FOR PRODUCING ELECTRICAL ENERGY

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)SARFARAZ MEHBOOB KHAN
(32) Priority Date	:NA	Address of Applicant :ROOM NO. A-50, PLOT-1, BKC,
(33) Name of priority country	:NA	BHARAT NAGAR, BANDRA (EAST), MUMBAI-400 051,
(86) International Application No	:NA	MAHARASHTRA, INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SARFARAZ MEHBOOB KHAN
(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 magnet alternator (1) for producing electrical energy, the magnet alternator comprising: a rotor (2) for producing magnetic field; a pair of bearings (6,6) being rotatably mounted on the shaft (4); a pair of flywheels {7,7} being rotatably mounted on the shaft (4) and a stator (8) being surrounding the rotor (2). The rotor (2) comprising: a cylindrical body (3) being rotatably mounted on a shaft (4), the cylindrical body (3) having forty two slots (5) over periphery of the cylindrical body, forty two magnets (5) being fixed inside each of the forty two slots. The stator (8) having a cylindrical shape, the stator (8) comprises thirty six slots (9) on inner periphery of the stator, eighteen coils (10) being wound over the slots of stator, the stator having at least six poles. The stator and bearings are accommodated in the housings (11) and (13,13) respectively. An electrical output (12) unit is operatively connected to the coils of stator to provide the output electrical energy. When the rotor (2) rotates within the stator coils, the magnetic field of the rotor sweeps through the stator coils and thereby produces electrical current in the coils.

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

(22) Date of filing of Application :25/02/2016 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: SMART FM RADIO FOR PUBLIC TRANSPORTATION.

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:G06F19/00, G08G1/133 :NA :NA	(71)Name of Applicant:  1)ABHIJEET DAIGAVANE Address of Applicant: D-305, SUNDAR PARK, JEEVAN NAGAR, ANDHERI (W), MUMBAI-400 053,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA. Maharashtra India
(86) International Application No	:NA	2)VINEET KUMAR KASHYAP
Filing Date	:NA	3)YOGESH MANAJAN
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)ABHIJEET DAIGAVANE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The invention relates to a Smart FM Radio device that is sized to fit into the Public Transportation System like Trains (Urban and Suburban), Metro Trains, Cabs, Auto rickshaws, and Ferrys wherein the said device comprises broadcasting the FM radio content on the go. The device of the present invention comprises a means for receiving FM radio signal and providing output through speakers. Additionally the device comprises Oxygen and temperature sensors for the safety of the commuters. The device also comprises means for inputting recorded audio content.

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

(22) Date of filing of Application :25/02/2016 (43) Publication Date : 04/03/2016

## (54) Title of the invention : IMPROVED BROADCASTING METHOD FOR PUBLIC TRANSPORTATION SYSTEM USING SMART FM RADIO

	JIO4D 1 /10	(71)Nova of April 2004
(51) International classification	:H04B1/18, G06F19/00	(71)Name of Applicant :   1)ABHIJEET DAIGAVANE
(31) Priority Document No	:NA	Address of Applicant :D-305, SUNDAR PARK, JEEVAN
(32) Priority Date	:NA	NAGAR, ANDHERI (W), MUMBAI-400 053,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA. Maharashtra India
(86) International Application No	:NA	2)VINEET KUMAR KASHYAP
Filing Date	:NA	3)YOGESH MAHAJAN
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)ABHIJEET DAIGAVANE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The invention relates to an improved broadcasting method for public transportation system using smart FM radio that uses the ubiquitous FM signals or the recorded audio clips as an input, wherein the said method comprises broadcasting the content through the speakers placed in th,e compartment of the public transportation system like Trains (Both Suburban and Urban), Metro Trams, Mono Rails, Buses, Auto rickshaws, Cabs, Ferrys etc. The method of present invention comprises a means for broadcasting or advertising the content with least possible pollutiop involved. Additionally, the method of the invention also helps in broadcasting live/ real time news to the rhasses at the fastest rate.

No. of Pages: 10 No. of Claims: 2

(22) Date of filing of Application :20/02/2016 (43) Publication Date : 04/03/2016

## (54) Title of the invention : N-ACYL SARCOSINES AS ANTIMICROBIALS FOR PRESERVATION OF HOME AND PERSONAL CARE PRODUCTS

(51) International classification	8/00, A01N 57/00,	(71)Name of Applicant:  1)Galaxy Surfactants Ltd.  Address of Applicant: C-49/2, TTC Industrial Area, Pawne, Navi Mumbai-400 703 Maharashtra, India Maharashtra India (72)Name of Inventor:  1)Sawant Phagwash Jaconneth
(31) Priority Document No (32) Priority Date	:NA :NA	1)Sawant, Bhagyesh Jagannath 2)Mali, Devyani Ashok 3)Wankhade, Arpit
(33) Name of priority country	:NA	4)Koshti, Nirmal
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	
(57) A1		

#### (57) Abstract:

N-Acyl sarcosines of Formula I, wherein, R = C7 alkyl and C10 alkenyl group with terminal double bond, are described as new antimicrobial preservatives for home and personal care products. Lipidated sarcosines of this patent application preserve creams, lotions, emulsions, solutions or suspensions types of formulations of personal care industry. These are used in "leave-on<sup>TM</sup>(cold cream, sunscreen) as well as "rinse-off<sup>TM</sup>(face wash, body wash, shampoo) formulations either alone or in combination with other antimicrobials.

No. of Pages: 24 No. of Claims: 4

(22) Date of filing of Application :22/02/2016 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: GLITTER SEAL AUTHENTICATION AND TAMPER DETECTION USING NEURAL NETWORKS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:G07D7/20, G07D7/00 :NA :NA :NA	(71)Name of Applicant: 1)Ms. Lakshmi Vinayakvitthal Address of Applicant: Assistant Professor, Dept of Electronics and Telecom Engineering, Don Bosco Institute of Technology Premier Automobiles Road, Opp. Fiat Company, Kurla West,
(86) International Application No	:NA	Mumbai Pin 4000 70 Maharashtra (India) Maharashtra India
Filing Date	:NA	2)Dr. Nadir Nizar Ali Charniya
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Ms. Lakshmi Vinayakvitthal
Filing Date	:NA	2)Dr. Nadir Nizar Ali Charniya
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Physical tampering with devices is a growing problem and is a common issue among users who are concerned with security of their devices. Affixing tamper-proof seals over ports or chassis screws, won<sup>TM</sup>t be useful as these seals can be replicated or opened cleanly. Hence there is a need to create a seal that is impossible to copy. This can be achieved by applying glitter paint on the seal. Glitter paint, once applied, has a random pattern and hence it is difficult to replicate once broken. This paper presents a system using image processing techniques that will be able to detect tamper and also authenticate the seal. The image of the device with the seal applied on it would be taken before leaving it alone and upon returning of the device, another image would be taken. Radon transform and Local Binary Pattern Variance (LBPV) techniques are used to extract rotation invariant features after preprocessing technique and dominant features would be selected from the different set of features. Optimal neural network architecture with minimum number of hidden neurons was designed with a constraint of maximum classification accuracy. Following invention is described in detail with the help of Figure 1 of sheet 1 showing a glitter seal, Figure 2 of sheet 1 showing glitter seal authentication scheme, Figure 3 of sheet 2 and Figure 4 of sheet 3 showing the flow chart.

No. of Pages: 17 No. of Claims: 3

(22) Date of filing of Application :23/02/2016 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: PROCESS FOR RECOVERY OF CAPROIC ACID FROM AQUEOUS SOLUTIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(26) International Application No.</li> </ul>	:B01D11/04, C07C51/00 :NA :NA :NA :NA	(71)Name of Applicant:  1)Dr. Diwakar Z. Shende  Address of Applicant: Assistant Professor, Department of Chemical Engineering, Visvesvaraya National Institute of Technology, Nagpur-440010 (Maharashtra) India Maharashtra
<ul><li>(86) International Application No</li><li>Filing Date</li><li>(87) International Publication No</li></ul>	:NA :NA : NA	India 2)Dr. Kailas L. Wasewar (72)Name of Inventor:
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)Dr. Diwakar Z. Shende 2)Dr. Kailas L. Wasewar
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Present invention provides a process for recovery of caproic acid from dilute aqueous solution. The said process comprises taking dilute caproic acid aqueous solution; adding an extractant such as tri-n-butyl phosphate and a diluent such as sunflower oil with providing the suitable mixing till the equilibrium is achieved. The extractant reacts with caproic acid to make the acid-extractant complex and bring in the organic phase. The solution is allowed to settle for separation of aqueous phase and organic phase. Caproic acid is recovered during regeneration of the organic phase. Natural solvent as sunflower oil is used as diluent in order to avoid the carcinogenetic and volatile behavior of conventional diluents with the spirit of environmental concern.

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

(22) Date of filing of Application :28/05/2015 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: AN AUTOMATED APPARATUS FOR COMPOSITE SELF-TWIST BRAIDED YARN

(51) International classification	:D04D1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHAH, Jashwant Jagmohan
(32) Priority Date	:NA	Address of Applicant :4913, Southern Hills, P.O. Box 2256,
(33) Name of priority country	:NA	Ashland, KY 41105-2256 United States of America U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHAH, Jashwant Jagmohan
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

An automated apparatus for self-twist stable braided yarn while eliminating zero twist (node) in the yarn leading to a continuous interlocked stable yarn in a single contiguous process. Present apparatus mainly comprises of: Plurality of Strands (S1, S2, S3, S4) for spinning them into yarn, Controller (C), Tension rollers (T), Spinning and /or twisting block(B), Take up Apron (Ap), Take up rolls (R), Grooved Cam (G) with fork (F), winding take up rolls (W), Ring (R) with Booster Jet (J), winding machine (M). Wherein the Air Jets ((a1, a2, b1, b2, c1, c2, d1, d2) with said Spinning and /or twisting block(B) facilitates in twisting of said plurality of strands (S1, S2, S3, S4), said grooved cam (G) with fork (F) facilitates in interlacing said plurality of strands (S1, S2, S3, S4) and the booster Jets (J) is placed to provide vortex of pressurized air to said plurality of strands (S1, S2, S3, S4) with twists facilitating self twisting. (Fig. 1)

No. of Pages: 51 No. of Claims: 9

(22) Date of filing of Application :05/03/2015 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: A SYSTEM AND METHOD FOR AMBIENT LIGHT DETECTION

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	3/00 :NA	(71)Name of Applicant:  1)KPIT Technologies Ltd. Address of Applicant: 35 & 36, Rajiv Gandhi Infotech park, Phase 1, MIDC, Hinjewadi, Pune-411 057, India Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Nair, Smita
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention discloses a method and system for detecting ambient light. The method comprises capturing one or more images visible by an image capturing device, converting color of each of the captured image into a grey color, determining histogram of each of the grey color captured image, computing average frequency mean value and data mean value of the determined histogram, and comparing at least one of the average frequency mean value with a predetermined FM threshold and the data mean value a predetermined DM threshold, for detecting ambient light. Figure 3

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201621005558 A

(19) INDIA

(22) Date of filing of Application :17/02/2016 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: INTERNAL AND EXTERNAL LAPTOP STAND.

	:A47B	(71)Name of Applicant :
(51) International classification	23/00,	1)SATWIK A. ROKADE
	A47B97/02	Address of Applicant :VISMAY WALLE, FN:C1-407,
(31) Priority Document No	:NA	SHUBHASHREE RESIDENTIAL PHASE 1, AKURDI
(32) Priority Date	:NA	CHOWK, AKURDI, 411035 Maharashtra India
(33) Name of priority country	:NA	2)NIKITA S. LAD
(86) International Application No	:NA	3)ANJALI M. NATHANI
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SATWIK A. ROKADE
(61) Patent of Addition to Application Number	:NA	2)NIKITA S. LAD
Filing Date	:NA	3)ANJALI M. NATHANI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The invention provides an external and internal laptop stand that elevates the laptop position such that the display is at users eye-level. The invention provides a type of stand that holds the laptop in unfolded position such that the laptops display is elevated to users eye-level. Accordingly the height of the laptop is adjustable prior to users convenience with multiple viewing angles and level of display. Also it avoids overheating caused due to stoppage of air when the user keeps the laptop on the lap or any other material to increase the level of laptop.

No. of Pages: 13 No. of Claims: 9

(22) Date of filing of Application :26/11/2015 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: APPARATUS FOR EXECUTING SHIRODHARA PROCEDURE.

	:A61H33/06.	(71)Name of Applicant :
(51) International classification	A61H35/00,	1)VIJAY VADNERE
	A47K3/00	Address of Applicant :FLAT A-403, REYA APARTMENT,
(31) Priority Document No	:NA	OPPOSITE P. L DESHPANDE GARDEN, NEAR NAVSHYA
(32) Priority Date	:NA	MARUTI MANDIR, PUNE-SINHAGAD ROAD, PUNE-411
(33) Name of priority country	:NA	030, MAHARASHTRA, INDIA. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VIJAY VADNERE
(87) 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 an apparatus for executing Shirodhara procedure. The apparatus includes housing. The housing comprises a head unit with swing assembly mounted on upper portion of the housing and a oil container configured at lower portion of the housing. The oil container supplies oil to the head unit through a pipe by means of pump. The apparatus further includes a flow controller configured above the oil container for controlling the flow of oil to the head unit and an adjustable head rest with soft cushion configured in front portion of the housing such that when patient put his head on the adjustable head rest, the head unit with swing assembly lies above his head. The apparatus furthermore includes a collection tray positioned below the adjustable head rest for collecting the oil therein during the Shirodhara procedure, wherein the collection tray is connected to a drain valve for draining the fluid out of the housing. Moreover, the apparatus comprises a digital programmable controller with display configured on rear portion thereof for controlling the actions of apparatus.

No. of Pages: 12 No. of Claims: 3

(22) Date of filing of Application :22/02/2016 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: ARRAY SUBSTRATE, TOUCH DISPLAY PANEL AND DISPLAY APPARATUS

(51) International classification	:G06F3/043, G06F3/041	(71)Name of Applicant : 1)Tianma Micro-Electronics Co., Ltd.
(31) Priority Document No	:201510166454.0 (CN)	Address of Applicant :22/F, Hangdu Building, Shennan Road, Futian, District, Shenzhen, 518052, China China
(32) Priority Date	:09/04/2015	2)Shanghai Tianma Micro-Electronics Co., Ltd.
(33) Name of priority country	:China	(72)Name of Inventor:
(86) International Application No	:NA	1)Feng LU
Filing Date	:NA	2)Xingyao ZHOU
(87) International Publication No	: NA	3)Hong DING
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

An array substrate, a touch display panel and a display apparatus are provided, the array substrate includes: a substrate; a plurality of gate lines and data lines defining pixel units, wherein the pixel units include a first pixel unit including: a first insulating layer including at least a first via hole; at least a common electrode and at least a pixel electrode provided at both sides of the first insulating layer, respectively; and at least a first transparent connection block provided in the same layer with the pixel electrodes, and each of the first transparent connection blocks is connected to the common electrode via the first via hole; and at least a touch metal line provided in the same layer with the pixel electrodes, and each of the touch metal lines is electrically connected to each of the first transparent connection blocks. Fig. 2B

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

(22) Date of filing of Application :24/02/2016 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: TOUCH DISPLAY PANEL AND METHOD FOR DRIVING TOUCH DISPLAY PANEL

(31) Priority Document No :20 (32) Priority Date :07 (33) Name of priority country :Ch (86) International Application No Filing Date :NA	NA NA NA NA NA NA
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#### (57) Abstract:

The present disclosure discloses a touch display panel and a method for driving the touch display panel. The touch display panel includes: a substrate; first scan lines and data lines; sub-pixels arranged in an array; touch sensing electrodes disposed in an array, each of which corresponds to the sub-pixels; first control switches, wherein each of the touch sensing electrodes is connected to at least one of the data lines via one of the first control switches. When in a touch state, the first control switch is turned on, so that the at least one of the data lines is configured to provide a touch signal to the touch sensing electrode corresponding to the data lines; and when in a display state, the first control switch is turned off, so that each of the data lines is configured to provide a display signal to the sub-pixel corresponding to the data line. [Figure 5A]

No. of Pages: 37 No. of Claims: 23

(22) Date of filing of Application :14/10/2015 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: METHOD AND DEVICE FOR DETERMINING MAIL PATH INFORMATION

(51) International classification	:G06Q50/28, H04L12/00	(71)Name of Applicant: 1)HONG Yong
(31) Priority Document No	:201310092641.X	Address of Applicant :Ruguoai 1424 Shuangyong Road No.
(32) Priority Date	:21/03/2013	301 Kaifu District Changsha City Hunan 410003 China
(33) Name of priority country	:China	(72)Name of Inventor:
(86) International Application No	:PCT/CN2013/074342	1)HONG Yong
Filing Date	:18/04/2013	
(87) International Publication No	:WO 2014/146316	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Disclosed are a method and device for determining mail path information a method and system for sorting mail of a collector distributor point and a method and system for labelling information distributed from a collector distributor point. The method for determining mail path information comprises: according to the collection and distribution range corresponding to each collector distributor point; acquiring the latitude and longitude coordinate range corresponding to each collector distributor point; acquiring the latitude and longitude coordinates of a sending point and the destination point of the piece of mail and determining a collector distributor point to which the sending point of the piece of mail is subordinate and a collector distributor point to which the destination point is subordinate of the sending point and the destination point is located; acquiring collector distributor point information about the collector distributor point to which the sending point is subordinate and the collector distributor point to which the destination point is subordinate; and according to the collector distributor point to which the destination point is subordinate and the collector distributor point to which the sending point is subordinate and the collector distributor point to which the sending point is subordinate and the collector distributor point to which the sending point is subordinate and the collector distributor point to which the sending point is subordinate and the collector distributor point to which the sending point is subordinate and the collector distributor point to which the destination point is subordinate and the collector distributor point to which the piece of mail will pass and path information about the piece of mail. By means of the technical solution of the present invention a piece of mail can be sorted according to the determined path information thereby reducing the human resource cost and improving the transmission efficiency of the mail.

No. of Pages: 56 No. of Claims: 10

(21) Application No.686/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :03/03/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: MILK FAT DETECTION USING CARBON

(51) International classification	:A23C	(71)Name of Applicant :
(31) International classification	9/00	1)SALUNKHE AMIT VISHWASRAO
(31) Priority Document No	:NA	Address of Applicant :VISHWARAJ, NIWAS, SUGER
(32) Priority Date	:NA	FACTORY ROAD, OPP. NINAI NAGAR, ISLAMPUR-415409,
(33) Name of priority country	:NA	DIST. SANGLI, MAHARASHTRA, INDIA. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SALUNKHE AMIT VISHWASRAO
(87) International Publication No	: NA	2)CHAVAN MAHESH S.
(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: 12 No. of Claims: 9

(21) Application No.201623003911 A

(19) INDIA

(22) Date of filing of Application :03/02/2016 (43) Publication Date : 04/03/2016

## (54) Title of the invention: A MATTRESS AND A METHOD OF MANUFACTURING A MATTRESS

(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 :348	ROAD, MUMBAI - 400 034, Maharashtra, India Maharashtra India (72)Name of Inventor: 1)BHANPURAWALA, HUSENI A87/MUM/2015 (01/1900
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### (57) Abstract:

A mattress and a method for the manufacture of a mattress, relates to the field of bedding systems. A mattress comprised of a shell defining a plurality of horizontal slots along the breadth of said mattress, fixed on a bottom layer. A plurality of resiliently compressible block elements receivable in said plurality of horizontal slots having predetermined varying compressibility values. The variation in the degree of compressibility value ensures the orthopedic support to the user. The shell is then covered by a flexible top layer and enclosed within a mattress ticking. Fig.1

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

(22) Date of filing of Application :04/09/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: PARENTERAL FORMULATIONS OF LEVOSIMENDAN

(51) International classification	·A61K9/08	(71)Name of Applicant:
(31) Priority Document No	:NA	1)GUFIC BIOSCIENCES LIMITED
(32) Priority Date	:NA	Address of Applicant :N.H.No.8, Near Grid, Kabilpore 396
(33) Name of priority country	:NA	424, Navsari, Gujarat India. Gujarat India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PATEL, Mitesh Natavarlal
(87) International Publication No	: NA	2)DAVE, Mafatlal Tribhovandas
(61) Patent of Addition to Application Number	:NA	3)CHOKSI, Pranavkumar Jayesh
Filing Date	:NA	4)CHOKSI, Jayesh Pannalal
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention discloses an alcohol and acid free stable pharmaceutical composition for parenteral administration, which comprises, a) Levosimendan or a pharmaceutically acceptable salt thereof at least in an amount of 1 to 25mg/vial; b) an effective amount of polyvinyl pyrrolidone in aqueous vehicle as a solubilizing agent; c) an effective amount of Triethanolamine HCl, as a pharmaceutically acceptable alkalizing agent, and d) an effective amount of Sodium citrate in aqueous vehicle as a buffering agent, wherein, the composition is stable at a pH range of 6-8 and wherein, the aqueous vehicle comprises oxygen free water for injection (oxygen content less than 2 ppm). The invention further discloses freeze dried pharmaceutical compositions comprising Levosimendan, wherein, the freeze dried product comprise water content less than 3%.

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

(21) Application No.3616/MUMNP/2015 A

(19) INDIA

(22) Date of filing of Application: 18/12/2015 (43) Publication Date: 04/03/2016

### (54) Title of the invention: SYSTEM AND METHODS FOR GENERATING SCENE STABILIZED METADATA

(51) International

:H04N5/268,G11B27/02,H04N5/91

classification (31) Priority Document No

:61/859956

(32) Priority Date

:30/07/2013

(33) Name of priority country: U.S.A. (86) International Application

:PCT/US2014/048387

:28/07/2014 Filing Date

(87) International Publication

:WO 2015/017314

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)DOLBY LABORATORIES LICENSING

CORPORATION

Address of Applicant: 1275 Market Street San Francisco

California 94103 U.S.A. (72) Name of Inventor:

1)ATKINS Robin 2)YEUNG Raymond

3)QU Sheng

#### (57) Abstract:

Methods and systems for generating and applying scene stable metadata for a video data stream are disclosed herein. A video data stream is divided or partitioned into scenes and a first set of metadata may be generated for a given scene of video data. The first set of metadata may be any known metadata as a desired function of video content (e.g. luminance). The first set of metadata may be generated on a frame by frame basis. In one example scene stable metadata may be generated that may be different from the first set of metadata for the scene. The scene stable metadata may be generated by monitoring a desired feature with the scene and may be used to keep the desired feature within an acceptable range of values. This may help to avoid noticeable and possibly objectionably visual artifacts upon rendering the video data.

No. of Pages: 32 No. of Claims: 24

(22) Date of filing of Application :26/02/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: TRACKING OF VALUABLE METALLIC JEWELRY AND OTHER VALUABLES BY INSERTION OF NANOPAPERCHIP AND USE OF G.P.S.

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:E05G 1/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)MINOUTI KAMAT Address of Applicant:1101/A, EVERSHINE EMBASSY, VEERA DESAI ROAD, ANDHERI (WEST), MUMBAI 400 053 Maharashtra India (72)Name of Inventor:
Filing Date	:NA	1)MINOUTI KAMAT
(87) 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 disclosed in this patent ensures the safety and track ability of valuables by use of embedded Nano chip with use of interlinked global position system. Unlike prior art of RFID Nano chips which has the tracking potential of few meters, this present invention can have even global tracking coverage potential. The prior art of GPS tracking does not use miniaturization of GPS device so identifying and removing the tracking device becomes very easy for thieves and other miscreants, which possibility is removed due to embedded as well as Nano technology used in this patent. This patent covers lot of valuables as covered in enclosed claims documents as well as various possibilities of power sourcing.

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

(21) Application No.4761/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :18/12/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: PROCESS FOR THE TREATMENT OF PAINT SLUDGE

(51) International classification	:F26B1/00, F26B3/02, C02F11/00	(71)Name of Applicant : 1)Shroff S.R. Rotary Institute of Chemical Technology (SRICT)
(31) Priority Document No	:NA	Address of Applicant :Block No: 402, Ankleshwar-Valia
(32) Priority Date	:NA	Road, Tal:Valia, Dist: Bharuch Gujarat, 393 002, India. Gujarat
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JOSHI, Shreerang Vidyadhar
(87) International Publication No	: NA	2)BADGUJAR, Nilesh Prakash
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

<sup>(57)</sup> Abstract:

The invention discloses an improved efficient process for treatment of crude paint sludge to yield enriched quality of paint sludge suitable for useful products.

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

(22) Date of filing of Application :11/02/2016 (43) Publication Date : 04/03/2016

### (54) Title of the invention: PORTABLE COMPUTING DEVICE CONFIGURED AS VEHICLE INFOTAINMENT DEVICE

(51) International classification	:H04L29/08	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MAHAJAN, Jaywant
(32) Priority Date	:NA	Address of Applicant :53/21, Shahu Colony, Lane No.11,
(33) Name of priority country	:NA	Karvenagar, Pune - 411052, Maharashtra, India. Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MAHAJAN, Jaywant
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

Embodiments of the present disclosure relate to a universal electronic interface (UEI) for vehicle infotainment system. In particular, embodiments of the present disclosure relates to a universal electronic interface for enabling integration of any portable computing device with vehicle infotainment system. In an embodiment, the proposed electronic interface can enable any portable device like mobile or tablet device to act as vehicle infotainment system. In an embodiment of the present disclosure, the universal electronic interface can include a vehicle network bus, various digital/analog inputs/outputs, chargers, and other modules to enable integration of the mobile device of any type with vehicle. The proposed UEI can have an inbuilt rechargeable and reusable battery for providing long power backup. The interface in different implementations can be customized as to suit user<sup>TMs</sup> requirement, comfort and ease of use.

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

(22) Date of filing of Application :26/02/2016 (43) Publication Date : 04/03/2016

# (54) Title of the invention: INTELLIGENT APPLICATION FOR AN ABSORBENT MULTIFUNCTIONAL DISPOSABLE HYGIENE APPARATUS, SYSTEM AND METHODS EMPLOYED THEREOF

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:A61B 5/00, G01F 23/00 :NA :NA	(71)Name of Applicant: 1)Parag R. Kudtarkar Address of Applicant: 303 Gangotri, Prathana Samaj Road, Vile-Parle (E), Mumbai-57, Maharahtra, India. Maharashtra India (72)Name of Inventor: 1)Parag R. Kudtarkar
(33) Name of priority country	:NA	1)1 alag N. Kuutai kai
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

Exemplary embodiments of the present disclosure are directed towards an electronic module positioned in a multifunctional disposable hygiene apparatus of a user, wherein the electronic module comprises of: a plurality of sensors enabled to sense a plurality of parameters of a discharge and read a pressure generated due to a seating pattern of the user; and an embedded dipstick configured to conduct a test of a plurality of blood parameters from the discharge; a network device of a user comprising an application and in communication with the multifunctional disposable hygiene apparatus, wherein the application is configured to receive a data comprising data comprising the plurality of parameters of a discharge and pressure generated due to the seating pattern of the user and the plurality of blood parameters from the discharge from the electronic module; a remote data centre in communication with the user metwork device configured to store and process the data received from the user metwork device and transmitting notifications to the user metwork device in response to processing the data; and a medical service provider metwork device in communication with the user and t

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

(22) Date of filing of Application :29/02/2016 (43) Publication Date : 04/03/2016

(54) Title of the invention: Highly Soluble N-P-K Fertilizer with Seaweed extract and Spirulina for use in Agriculture.

(51) International classification	:C05G3/00, C05G1/00, A01N 25/00	(71)Name of Applicant:  1)Yuvraj Vijay Patil Address of Applicant: Yuvraj Patil, 402,Aster Apt., Behind Hotel Banjara, Mahatma Nagar, Nashik, Pin code-422007
(31) Priority Document No	:NA	Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)Yuvraj Vijay Patil
(86) International Application No	:PCT//	
Filing Date	:01/01/1900	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		•

### (57) Abstract:

Highly Soluble N-P-K Fertilizer with Seaweed extract and Spirulina for use in Agriculture. A water soluble N-P-K fertilizer composition that combines the benefits of Seaweed extract containing naturally occurring trace and microelements and Spirulina containing amino acids with a neutral pH and free from Chlorides is prepared. The inventive product is highly water soluble and therefore offers the benefit of easy absorption as compared to conventional water soluble fertilizers. Being neutral in pH it not harmful to the soil microbes unlike conventional fertilizers and it combines the benefits of seaweed extract and Spirulina that offers many microelements and trace elements and amino acids respectively while promoting soil microbes. The product is prepared by grinding and mixing the sources of Nitrogen, phosphorous and potassium namely Urea, potassium phosphate dibasic, tri potassium phosphate, potassium nitrate, phosphorous acid crystal, spirulina and seaweed extract to obtain the desired N-P-K ratio. Various combinations of the above ingredients can be made to make N-P-K ratios suitable for Vegetable and Fruit crops to be applied at different intervals. The ingredients being completely water soluble, the solution does not block or clog the Spraying equipments. This NPK Fertilizer can be dissolved in water and applied to vegetable, fruit and field crops to provide them N-P-K along with amino acids, microelements and trace elements.

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

(22) Date of filing of Application :05/02/2016 (43) Publication Date : 04/03/2016

# (54) Title of the invention : OSCILLATING SLEY MOUNTED WEFT CUTTER FOR SHUTTLE-LESS RAPIER WEAVING MACHINES

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	D03D47/40 :NA :NA	(71)Name of Applicant:  1)Sanjay Anant Kurkute Address of Applicant:21/1615, Bhagyashree •, Opp. Deccan Co-Op. Spinning Mills, Jawaharnagar, ICHALKARANJI-416
(33) Name of priority country (86) International Application No	:NA :NA	117, Kolhapur, Dist. Maharashtra State, INDIA Maharashtra India (72)Name of Inventor:
Filing Date	:NA	1)Sanjay Anant Kurkute
(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:

ABSTRACT This invention is about an arrangement of weft cutting mechanism for application on all types of shuttle-less rapier weaving machines, amongst the novel features, the most significant ones being, the location of weft cutting scissors or blades on the oscillating sley and in front of the reed itself, which eliminates need for cutting of reeds (or limitations on actual length of the reed) as per width of the fabric woven on the machine. All the driving and timing setting mechanism is isolated and placed away stationary on/in the machine frame/body which further brings in ease of operation, simplicity of setting and also improves overall reliability and life of the weft cutting device.

No. of Pages: 13 No. of Claims: 11

(22) Date of filing of Application :21/01/2016 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A SYSTEM AND KIT FOR NON-INVASIVE DETECTION OF PEPTIC ULCER DISEASE, NON-ULCEROUS DYSPEPSIA AND HELICOBACTER PYLORI INFECTION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:NA :NA :NA :NA :NA : NA	(71)Name of Applicant:  1)S.N. BOSE NATIONAL CENTRE FOR BASIC SCIENCES  Address of Applicant: J.D. Block, Sector III, Salt Lake, Kolkata 700098, India. West Bengal India (72)Name of Inventor:  1)MAITY, Abhijit
Filing Date	:NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MAITY, Abhijit 2)PRADHAN, Manik
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract:

ABSTRACT Title: A System and kit for Non-invasive Detection of Peptic Ulcer Disease, Non-ulcerous Dyspepsia and Helicobacter Pylori infection A system and a kit for rapid, easy and selective detection of peptic ulcer disease (PUD) (encompassing both gastric and duodenal ulcers) and non-ulcerous dyspepsia (NUD) along with Helicobacter pylori (H. pylori) infection in human stomach is provided and particularly relates to a system adapted for human breath analysis thus facilitating non-invasive and precise detection of PUD and NUD as the complicacies of H. pylori infection, following oral administration of a natural fruit juice. The system specifically evaluates the actual disease state whether it is PUD or NUD by simultaneous monitoring of molecular hydrogen (H2) and stable carbon isotopes of CO2 molecule (i.e. 12CO2 and 13CO2) in exhaled breath both in off-line and on-line mode and is completely free of administration of any isotope enriched substrates to subjects of analysis. The kit contains a citric acid containing natural fruit juice as a test meal and a suitable container for collecting the patient's breath sample. Fig. 4

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

(22) Date of filing of Application :02/02/2016 (43) Publication Date : 04/03/2016

# (54) Title of the invention: AN INTEGRATED COGNITIVE RADIO SYSTEM AND METHOD FOR QUALITY OF SERVICE GUARANTEED VOICE OVER IP COMMUNICATION WITH ENHANCED SPECTRUM UTILIZATION

(51) International classification	:H04W48/16	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MR. CHAKRABORTY, TAMAL
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF ELECTRONICS
(33) Name of priority country	:NA	AND TELECOMMUNICATION ENGINEERING, JADAVPUR
(86) International Application No	:NA	UNIVERSITY, 188 RAJA SC MULLIK ROAD, JADAVPUR,
Filing Date	:NA	KOLKATA-700032, WEST BENGAL, INDIA
(87) International Publication No	: NA	2)DR. SAHA MISRA, ITI
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MR. CHAKRABORTY, TAMAL
(62) Divisional to Application Number	:NA	2)DR. SAHA MISRA, ITI
Filing Date	:NA	

#### (57) Abstract:

The present invention develops an integrated Cognitive Radio (CR) system and method for Quality of Service (QoS) guaranteed Voice over IP (VoIP) communication to support higher number of users with increased spectrum utilization using CR technology and cost-effective IP-based VoIP communication for wireless networks. Challenges of this invention include parameterization in VoIP and CR domain and development of robust CR methods in dynamic environment CR methods are formulated and implemented to develop and characterize individual QoS guaranteed CR Users, including determination of critical system parameters. A real- time performance evaluating system is also developed to monitor Primary and CR users traffic (throughput, packet-loss ratio) and QoS (delay, jitter, Mean Opinion Score) metrics. This invention of VoIP over CR system is applicable for implementing VoIP as a service to emerging IP based social networking, gaming, interactive multimedia and streaming services with the ultimate aim of reducing spectrum congestion in existing wireless networks.

No. of Pages: 31 No. of Claims: 9

(22) Date of filing of Application :03/02/2016 (43) Publication Date : 04/03/2016

# (54) Title of the invention : SYSTEM AND KIT FOR MONITORING BLOOD GLUCOSE PROFILE BASED ON BREATH ANALYSIS

(51) International classification (31) Priority Document No	:A61B5/00 :NA	(71)Name of Applicant: 1)S.N. BOSE NATIONAL CENTRE FOR BASIC
(32) Priority Date	:NA	SCIENCES
(33) Name of priority country	:NA	Address of Applicant :J.D. Block, Sector III, Salt Lake,
(86) International Application No	:NA	Kolkata 700098, India. West Bengal
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)GHOSH, Chiranjit
(61) Patent of Addition to Application Number	:NA	2)PRADHAN, Manik
Filing Date	:NA	3)PRADHAN, Manik
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

ABSTRACT TITLE: SYSTEM AND KIT FOR MONITORING BLOOD GLUCOSE PROFILE BASED ON BREATH ANALYSIS A system and kit comprising said system is provided for monitoring blood glucose profile of a subject in real time and in a non-invasive manner depending on 13CO2/12CO2 stable isotope ratios of the subject's exhaled breath comprising exhaled breath sample collector; cooperative user interface means operatively connecting said exhaled breath sample collector inputs to computing means; said computing means provided to enable simultaneous monitoring and measurement of 13CO2 and 12CO2 based on said exhaled breath sample receiver and computing in real-time in subjects for measuring pre-dose (basal) and 13C- glucose test meal post-dose exhaled breath and generating 13CO2 /12CO2 isotopes ratio and/or said CO2 recovery rate and involving the same in quantifying the blood glucose level at different time intervals to thereby favour monitoring of blood glucose profile and detecting diabetic condition of a subject based on (i) concentration of exogenous labelled glucose and (ii) evaluating concentrations of glucose selectively in insulin dependent and non-insulin dependent pathways/compartment associated with glucose metabolism of the subject. Advantageously, the system and kit of present invention can also precisely and selectively diagnose whether a person is normal, prediabetes or type 2 diabetes using breath analysis. Fig.6

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

(22) Date of filing of Application :17/02/2016 (43) Publication Date : 04/03/2016

## (54) Title of the invention: A SYSTEM FOR GENERATION OF ELECTRICITY AND METHOD THERE OFF

(51) International classification	:H01M8/16	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HIMADRI NATH MOULICK
(32) Priority Date	:NA	Address of Applicant :C/O TUSAR SARKAR (NIMAI
(33) Name of priority country	:NA	SARKER), NARASHIBTALA PANAGAR GRAM, P.O:
(86) International Application No	:NA	PANAGAR BAGAR, DIST: BURDHAMAN, PIN- 713148,
Filing Date	:NA	WEST BENGAL. INDIA
(87) International Publication No	: NA	2)SOUMYADIP SIKDAR
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)HIMADRI NATH MOULICK
(62) Divisional to Application Number	:NA	2)SOUMYADIP SIKDAR
Filing Date	:NA	

## (57) Abstract:

This invention relates to a system for electricity generation and in particular, this invention relates to a system for electricity generation using nonconventional source. More particularly, this present invention relates to a system for generation of electricity wherein electricity is generated from the high temperature materials and low temperature materials by using the thermoelectric effects in the railway tracks without using any batteries, Toxic chemicals, solar cells. Furthermore, this invention also relates to a system for electricity generation which has the beneficial effects of having saving man power cost, reducing labor intensity, and having safety and reliability.

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

(22) Date of filing of Application :19/02/2016 (43) Publication Date : 04/03/2016

# (54) Title of the invention : AN ACIDOPHILIC XYLANASE ENZYME WITH BROAD PH ACTIVITY FROM ASPERGILLUS NIGER

(51) International classification	:A21D10/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Mr. Uma Shankar Prasad Uday
(32) Priority Date	:NA	Address of Applicant :Institute Research Scholar, Department
(33) Name of priority country	:NA	of Chemical Engineering, National Institute of Technology,
(86) International Application No	:NA	Agartala, -799046, India Tripura
Filing Date	:NA	2)Dr. Tarun Kanti Bandopadhyay
(87) International Publication No	: NA	3)Dr. Biswanath Bhunia
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Dr. Biswanath Bhunia
(62) Divisional to Application Number	:NA	2)Dr. Tarun Kanti Bandopadhyay
Filing Date	:NA	3)Mr. Uma Shankar Prasad Uday

#### (57) Abstract:

An Acidophilic Xylanase Enzyme with Broad pH Activity from Aspergillus niger The present invention provides an acidophilic xylanase derived from Aspergillus niger ChE\_BE\_NITA\_1 (Gene Bank No: KP874102.1; MTCC: 25055). Xylanase producing strains, Aspergillus niger (MTCC 25055; Gene Bank KP874102.1) has been isolated from soil a sample. The xylanase exhibits xylanase activity at an optimal temperature of 50° C and an optimal pH range of about 2-5. The said xylanase enzyme exhibits remarkable stability over a broad pH range of pH 2-5 and retains its activity for at least 1 hr at 37 degree C. This xylanase is useful in the hydrolysis of lingo-cellulosic material, pulp bleaching, feed and food industries.

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

(21) Application No.201631005880 A

(19) INDIA

(22) Date of filing of Application :19/02/2016 (43) Publication Date : 04/03/2016

# (54) Title of the invention : PROCESS FOR ENHANCEMENT OF YIELD OF COTTAGE CHEESE (PANEER) BY RECIRCULATION OF CONCENTRATED WHEY

(51) International classification	· A 23C 19/032	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SAXENA Dinkar
(32) Priority Date	:NA	Address of Applicant:#441, Sector 16, Sikandra Avas Yojna,
(33) Name of priority country	:NA	Sikandra, Agra, Pin – 282007, Uttar Pradesh, India and also
(86) International Application No	:NA	having a place of residence at AL 126, Salt Lake City, Near Tank
Filing Date	:NA	No. 8, Sector 2 Kolkata 700091, India West Bengal
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)SAXENA Dinkar
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention relates in general to processes for the recovery of whey protein as paneer from whey and more particularly to a process for enhancement in the yield of cottage cheese (paneer) by re-circulation of concentrated whey. It is a closed loop process in which whey, which is produced by coagulation of milk, is again concentrated and re-processed to produce cottage cheese (paneer). This process also substantially mitigates environmental pollution, by recycling whey which is otherwise dumped in the drains or water bodies.

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

(21) Application No.201631006066 A

(19) INDIA

(22) Date of filing of Application :22/02/2016 (43) Publication Date : 04/03/2016

## (54) Title of the invention: A METHOD OF PRODUCING NITROGEN PACKED OIL FREE SNACKS

(51) International classification	:A23G3/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MANISH KUMAR
(32) Priority Date	:NA	Address of Applicant :Shanti Sadan, Jay Prakash Path-1,
(33) Name of priority country	:NA	Shastrinagar, Muzaffarpur, Pin–842002, Bihar, India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MANISH KUMAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The present invention relates to a method of producing oil free snacks. More particularly, the present invention relates to the method of producing oil free snacks using various human consumable food grains like rice, wheat, gram, pulses. Moreover this invention also relates to the method of producing oil free snacks which treated with gamma rays and packet filled with nitrogen. Furthermore, this invention also relates to a method of producing oil free snacks which has the beneficial effects of having saving man power cost, reducing labor intensity, and having safety and reliability.

No. of Pages: 23 No. of Claims: 8

(22) Date of filing of Application :26/02/2016 (43) Publication Date : 04/03/2016

## (54) Title of the invention: ANTIMICROBIAL SUTURE BIOMATERIALS

(51) International classification :A01N59/1 (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)KALITA, SANJEEB  Address of Applicant: C/O INSTITUTE OF ADVANCED  STUDY IN SCIENCE AND TECHNOLOGY, AN AUTONOMOUS R & D INSTITUTE OF DEPARTMENT OF SCIENCE & TECHNOLOGY, GOVT. OF INDIA, VIGYAN PATH, PASCHIM BORAGAON, GARCHUK, GUWAHATI – 781 035, ASSAM, INDIA  2)KANDIMALLA, RAGHURAM 3)NATH, BHABESH KUMAR 4)CHUTIA, JOYANTI 5)KOTOKY, JIBON (72)Name of Inventor: 1)KALITA, SANJEEB 2)KANDIMALLA, RAGHURAM 3)NATH, BHABESH KUMAR 4)CHUTIA, JOYANTI 5)KOTOKY, JIBON
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#### (57) Abstract:

ABSTRACT ANTIMICROBIAL SUTURE BIOMATERIALS A method for preparing advanced antimicrobial suture biomaterials for eliminating surgical site infections comprises obtaining fiber capable of being used as suture biomaterial followed by oxygen plasma treatment for surface modification of said fiber and Metal Nano Particle impregnation thereafter. This is followed by impregnating antibiotic drug on the metal nanoparticle impregnated and oxygen plasma modified suture material to obtain improved antimicrobial suture biomaterials, capable of eliminating surgical site infections. Suture biomaterials obtained by the method are also disclosed.

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

(22) Date of filing of Application :09/02/2016 (43) Publication Date : 04/03/2016

## (54) Title of the invention: METHOD FOR PRODUCTION OF RHAMNOLIPID

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A01N43/16 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)DEKA, SURESH  Address of Applicant: C/O INSTITUTE OF ADVANCED STUDY IN SCIENCE AND TECHNOLOGY, AN AUTONOMOUS R & D INSTITUTE OF DEPARTMENT OF SCIENCE & TECHNOLOGY, GOVT. OF INDIA, VIGYAN PATH, PASCHIM BORAGAON, GARCHUK, GUWAHATI – 781 035, ASSAM, INDIA  2)PATOWARY, RUPSHIKHA (72)Name of Inventor: 1)DEKA, SURESH 2)PATOWARY, RUPSHIKHA
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## (57) Abstract:

Pseudomonas aeruginosa strain SR17 is isolated from hydrocarbon contaminated soil and it is deciphered to efficiently utilize paneer whey, for rhamnolipid production. Such strain is able to reduce the surface tension substantially. Rhamnolipid production by this technique is not only quick and cost effective, but also the yield is substantial.

No. of Pages: 36 No. of Claims: 9

(22) Date of filing of Application :10/02/2016 (43) Publication Date : 04/03/2016

## (54) Title of the invention: A DIGITAL CARD SERVING IDENTITY AND PAYMENT PURPOSE

(51) International classification	:G06K19/077	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. BIDYUT K. BHATTACHARYYA
(32) Priority Date	:NA	Address of Applicant :Professor, Dept. of Electrical
(33) Name of priority country	:NA	Engineering National Institute of Technology, Agartala, Jirania,
(86) International Application No	:NA	Tripura (West), Pin-799055 India
Filing Date	:NA	2)DR. ALAK MAJUMDER
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR. BIDYUT K. BHATTACHARYYA
Filing Date	:NA	2)DR. ALAK MAJUMDER
(62) Divisional to Application Number	:NA	3)MR. SHIRSHA GHOSH
Filing Date	:NA	4)MS. JOYEETA GOSWAMI

#### (57) Abstract:

A DIGITAL CARD SERVING IDENTITY AND PAYMENT PURPOSE The present invention deals with a digital card serving identity and payment purpose, comprising at least one microcontroller, security hardware element, NFC module, fingerprint scanner, keypad/ touchpad, GSM module, e-paper display, magnetic strip and battery management utilities, capable of eliminating the need of NFC based Smartphone. The card communicates with another card using NFC protocol and through a cloud based payment server providing unique 'Token' upon biometric authentication of the user in the said digital card. An electronic payment process using the digital card comprising the steps of authenticating the user's information in a cloud based payment server using one time token, allowing the transaction to have effect between banks only through their own payment information database, without storing any data in the in-built payment sever of the digital card.

No. of Pages: 29 No. of Claims: 16

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

(43) Publication Date: 04/03/2016

# (54) Title of the invention: RESONANT FREQUENCY OPTIMIZATION AND FABCRICATION OF APERTURE-COUPLED RECTANGULAR MICROSTRIP ANTENNA USING PARTICLE SWARM OPTIMIZATION ALGORITHM.

(51) International classification	:H02J17/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Institute of Engineering & Management
(32) Priority Date	:NA	Address of Applicant :Institute of Engineering & Management
(33) Name of priority country	:NA	Saltlake Electronics Complex, Sector V, Saltlake Kolkata West
(86) International Application No	:NA	Bengal India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Dr. Malay Gangopadhyaya
(61) Patent of Addition to Application Number	:NA	2)Udit Sharma
Filing Date	:NA	3)Suvrajit Manna
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

Aperture coupled microstrip antenna is gathering a lot of interest in communication and radar systems. Particle swarm optimization (PSO) has been introduced to the electromagnetic community recently for design optimization of microstrip patch antenna. Geometrical design parameters like aperture length, aperture width and stub length, of an aperture-coupled microstrip antenna are varied at once. This will contribute to the improvement in the context of microstrip patch antenna designs.

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

(22) Date of filing of Application :07/01/2016 (43) Publication Date : 04/03/2016

### (54) Title of the invention: A LOW COST INTELLIGENT INTRUSION DETECTION AND PREVENTION SYSTEM

(51) International classification	:G08B13/22	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Institute of Engineering & Management
(32) Priority Date	:NA	Address of Applicant :Institute of Engineering & Management
(33) Name of priority country	:NA	Saltlake Electronics Complex, Sector V, Saltlake Kolkata -
(86) International Application No	:NA	700091 West Bengal India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Dr. Mohuya Chakraborty
(61) Patent of Addition to Application Number	:NA	2)Indraneel Mukhopadhyay
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The rapid growth of computer networks has changed the prospect of network security. An easy accessibility condition has caused computer networks to be vulnerable against numerous and potentially devastating threats from hackers. Up to the moment, researchers have developed Intrusion Detection Systems (IDS) which are capable of detecting attacks in several available environments. A boundless number of methods for Misuse Detection as well as Anomaly Detection had been developed and implemented. Following this Intrusion Prevention Systems (IPS) have evolved to resolve ambiguities in passive network monitoring by placing detection systems on the line of attack. IPS is an IDS that is capable of giving prevention commands to firewalls and access control changes to routers. IPS has been seen as an improvement upon firewall technologies. It has access control decisions based on application content, rather than IP address or ports as traditional firewalls in it. The next innovation is the combination of IDS and IPS known as Intrusion Detection and Prevention Systems (IDPS) capable of detecting and preventing attacks from happening in the computer network. The present patch model that has been provided by many software manufacturers seems a failure, especially when dealing with large scale and fast widespread attacks. The new generation of attacks had caused severe damage to the entire network globally, leaving behind major challenges for future solutions, demanding faster detection of unknown attacks and immunization of affected computers. This invention aims at creation of Intrusion Detection and Prevention System in active monitoring of known as well as unknown attacks in real time mode.

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

(22) Date of filing of Application :08/01/2016 (43) Publication Date : 04/03/2016

# (54) Title of the invention : NOVEL SLIDE GATE PLATES WITH USABLE DUAL SURFACE AND NOVEL NOZZLES COMPATIBLE THEREWITH FOR SLIDE GATE ASSEMBLY.

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:NA	(71)Name of Applicant : 1)OCL INDIA LIMITED
(32) Priority Date (33) Name of priority country	:NA :NA	Address of Applicant :RAJGANGPUR - 770 017, DIST. SUNDERGARH, ODISHA, INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SAU, ARUN KUMAR
(87) International Publication No	: NA	2)ROUT, RASHMI RANJAN
(61) Patent of Addition to Application Number	:NA :NA	3)SAHU, DR. JAYANT KUMAR
Filing Date (62) Divisional to Application Number	:NA	4)TIWARI, DR. JAI NARAYAN
Filing Date	:NA	

### (57) Abstract:

The present invention aims at solving a longstanding problem of metal/alloy casting operation and achieve a considerable economic gain by providing novel slide gate plates with usable dual surface and nozzles compatible therewith for slide gate assembly, characterized in that both the surfaces of the said plates can be put to use, when working surface thereof erodes, the reverse non-worked surface may be turned over and utilized as an effective working surface, and is associated with nozzles of unique design which are compatible with said plates forming slide gate assembly.

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

(21) Application No.126/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :03/02/2015 (43) Publication Date : 04/03/2016

### (54) Title of the invention: NAGA KING CHILLI DRYER

(51) International classification	:A23L3/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)RANJIT CHETIA
(32) Priority Date	:NA	Address of Applicant :VILL -NO. 1, TENGAHULA,
(33) Name of priority country	:NA	SARUPATHAR, DIST-GOLAGHAT, ASSAM, PIN-785601
(86) International Application No	:NA	Assam India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RANJIT CHETIA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The Naga King Chilli dryer is used to dry Naga King Chillies i.e. Capsicum chinense which have very high heat content and are therefore dangerous to dry properly in state-of-the-art dryers. It can dry the said chillies to <10% moisture content evenly and without any intermittent handling of them during the whole drying process. It comprises of a Cabinet(l) having three compartments- Furnace Compartment(40) which heats up air inside for drying, Blower Compartment(41) which creates airflow and Drying Compartment(42) where chillies are placed on Trays(28) for drying. A single tilting Draft Fan(18) in the Blower Compartment(41), whose Motor(53) is outside air cooled, provides both upward and downward through-flow of heated air through the Trays(28) for drying.

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

(22) Date of filing of Application :26/05/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: METHOD OF PRINTING OF TAMPER PROOF UNIQUE CODES IN A PACKAGING LAMINATE USING THERMAL TRANSFER OVERPRINTING (TTO) TECHNOLOGY AND THE PRINT DEVICE THEREOF

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:G06F3/12 :NA :NA :NA	(71)Name of Applicant:  1)CREATIVE POLYPACK LIMITED  Address of Applicant:133 - A, S.P. MUKHERJEE ROAD  3RD FLOOR, KOLKATA - 700026, WEST BENGAL. INDIA
(86) International Application No	:NA :NA	(72)Name of Inventor:
Filing Date (87) International Publication No	:NA	1)ASHMA GURUNG
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A method of printing of tamper proof unique codes in a packaging laminate using thermal transfer overprinting (TTO) technology comprising steps of: providing a primary printable substrate (5) which is made to pass through different printing stations to get printed in Gravure/Flexo printing machine (Fig1); feeding the said printed substrate(6) on uniform aligned Unwinder of Doctoring / Rewinding / Inspection machine through Nip roller and different Idle rollers(J); fitting the TTO coder on Unwinder or Rewinder side of Doctoring / Rewinding / Inspection machine (I/1); activating the TTO unit (9) after getting signal from Rewinding machine Print head (10) for printing non repetitive unique codes, patterns on reverse side registered block which is printed on primary substrate in Printing machine; laminating the TTO coded substrate (13 in Fig 2) with a transparent intermediate substrate; wherein the unique non repetitive codes get sandwiched between the substrate and; wherein in case any opaque intermediate substrate present in laminate, non-repetitive unique codes are made to be printed above on Rewinding machine without/with registered block in printed substrate and get laminated with a transparent substrate thereby making the codes abrasion proof and tamper resistant.

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

(22) Date of filing of Application: 10/04/2015 (43) Publication Date: 04/03/2016

# (54) Title of the invention : COST EFFECTIVE HOUSEHOLD PROCEDURE OF THE PRODUCTION AND PACKAGING OF DRY FISH WITH GOOD ODOUR AND IMPROVED FLAVOUR AND LONGER SHELF LIFE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:A23L17/10 :NA :NA :NA	(71)Name of Applicant:  1)PROF. PRADIP KUMAR GOGOI  Address of Applicant: DEPARTMENT OF CHEMISTRY, DIBRUGARH UNIVERSITY. DIBRUGARH-786004 (INDIA)
(86) International Application No Filing Date	:NA :NA :NA	PHONE: +91-9435131158 Assam India (72)Name of Inventor:
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number</li></ul>	: NA :NA	1)PROF. PRADIP KUMAR GOGOI 2)DEBAJIT BORAH
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract:

A novel cost effective process for the preparation of dry fish with better aroma and flavour has been developed. In this process, fish samples were cleaned, dressed, beheaded and the elementary canals were removed followed by washing in 15% saline and air dried for 3 hr. Fish samples were then treated with 3% bleaching powder solution for 30 min to inhibit active enzymes and bacterial growth to prevent auto-decay. The fish samples were then rinsed with clean water to remove the traces of chlorine residues. The samples were soaked with hypertonic 15% sodium chloride (common salt) solution for 1 hr to plasmolyse the samples. The surface of the fish samples were covered with grounded ginger, garlic, tulsi leaves (Ocimum sanctum) individually to develop the particular flavour on the fish material. The fish samples were then oven dried at 75°C till 10% moisture retains. Dried fishes were packaged in commercially available transparent 70µm thick polythene pouches made of virgin polyesters, which were pre sprayed with nitrogen gas to remove the moisture and then sealed for preserving them for longer duration. When the fish samples were cooked, it gave the flavour and aroma of the respective plant materials used during the preservation process. The bleaching powder solution treatment was found to be very effective to inhibit the enzymes and microbial growth involved in auto decaying process and hence it was not found to be developing the usual unpleasant smell of any dried fish. The treatment with saline solution inhibited the growth of harmful microbes, hence no considerable growth of pathogenic microorganisms was observed when tested. The flavour of the herbs and plant materials used were found to be enhancing the taste and flavour of the odourless dried fish. Pre-treatment of the storage bags with dry nitrogen gas which dehumidifies the bags to provide better storage conditions for commercial use as well as prevents the growth of microbes. The aroma and flavour developed by the procedure is believed to be commercially appealing and also use of the above procedure enhances the shelf life by six to nine months without altering the flavour and aroma.

No. of Pages: 12 No. of Claims: 2

#### **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.10730/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/11/2015

(43) Publication Date: 04/03/2016

#### (54) Title of the invention: DEVICE FOR CONTROLLING ELECTRIC AUTOMOBILE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> </ul>	:B60L15/20,H02P27/06 :2013105987 :20/05/2013 :Japan :PCT/JP2014/063000 :15/05/2014 :WO 2014/188962 :NA :NA	(71)Name of Applicant: 1)NTN CORPORATION Address of Applicant: 3 17 Kyomachibori 1 chome Nishi ku Osaka shi Osaka 5500003 Japan (72)Name of Inventor: 1)LI Guodong
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

Provided is a device for controlling an electric automobile that leads to improving motor responsiveness and enhancing ride quality for the passenger during motor powering control and regenerative control in an electric automobile. A motor control unit (29) has a current PI control unit for performing PI feedback control for eliminating deviation in a command current value generated in an inverter for a torque command from an ECU (21) a PI control gain control table (35) for powering control and for regenerative control in which PI control gain used during PI feedback control by the current PI control unit is set according to the travel state and a control gain adjustment unit (34) for adjusting PI control gain of a current PI control unit according to the PI control gain control table (35) so that PI control gain corresponding to the travel state is used.

No. of Pages: 29 No. of Claims: 5

(22) Date of filing of Application :24/11/2015 (43) Publication Date : 04/03/2016

### (54) Title of the invention: DEVICE FOR CONTROLLING ELECTRIC AUTOMOBILE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:B60L15/20 :2013106939 :21/05/2013 :Japan :PCT/JP2014/063001 :15/05/2014 :WO 2014/188963 :NA :NA	(71)Name of Applicant:  1)NTN CORPORATION Address of Applicant: 3 17 Kyomachibori 1 chome Nishi ku Osaka shi Osaka 5500003 Japan (72)Name of Inventor: 1)LI Guodong
1 (01110 01		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Provided is a device for controlling an electric automobile that can precisely control the torque of a vehicle wheel driving motor in an electric automobile. This electric automobile is provided with a motor (6) an ECU (21) and an inverter device (22). A motor control unit (29) of the inverter device (22) has a parameter map for storing motor parameters an open loop control unit (37) for using the parameters stored in the parameter map to produce a control amount for a torque command from the ECU (21) through open loop control according to a voltage equation a current feedback control unit (38) for performing control for eliminating deviation in the command current value produced in the inverter for the torque command from the ECU (21) and a hybrid control unit (39) for controlling the motor (6) according to a control amount produced from the control amount produced by the open loop control unit (37) and the control amount produced by the current feedback control unit (38).

No. of Pages: 27 No. of Claims: 7

(21) Application No.10732/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/11/2015

(43) Publication Date: 04/03/2016

# (54) Title of the invention : PORTABLE ELECTRONIC DEVICE FLIP TYPE COVER OF THE PORTABLE ELECTRONIC DEVICE AND METHOD FOR CONTROLLING THE FLIP TYPE COVER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:1020130048377 :30/04/2013 :Republic of Korea	(71)Name of Applicant:  1)SAMSUNG ELECTRONICS CO. LTD.  Address of Applicant:129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 16677 Republic of Korea (72)Name of Inventor:  1)KIM Yu Su 2)PARK Sung Jin 3)LEE Kyu Suk
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#### (57) Abstract:

A portable electronic device and a flip type cover of the portable electronic device are provided. The flip type cover includes a front cover a rear cover configured to be detachably engaged with a rear surface of the portable electronic device a connection cover configured to connect the front cover to the rear cover a display screen disposed in the front cover and a rear cover Printed Circuit Board (PCB) mounted to the rear cover and connected to the portable electronic device to receive data from the portable electronic device. If the flip type cover is engaged with the portable electronic device the rear cover PCB transmits data received from the portable electronic device to the display screen.

No. of Pages: 61 No. of Claims: 15

(21) Application No.10733/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/11/2015 (43) Publication Date: 04/03/2016

## (54) Title of the invention: HIGH STRENGTH STEEL EXHIBITING GOOD DUCTILITY AND METHOD OF PRODUCTION VIA IN LINE HEAT TREATMENT DOWNSTREAM OF MOLTEN ZINC BATH

(51) International classification :C21D8/02,C21D9/46,C23C2/02 (71)Name of Applicant:

(31) Priority Document No :61/824699 (32) Priority Date :17/05/2013

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

(86) International Application No:PCT/US2014/038364

Filing Date :16/05/2014 (87) International Publication No: WO 2014/186689

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

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

Filing Date

1)AK STEEL PROPERTIES INC.

Address of Applicant: 9227 Centre Pointe Drive West Chester

OH 45069 U.S.A.

(72) Name of Inventor:

1)THOMAS Grant Aaron

2)LOSZ Jose Mauro B.

## (57) Abstract:

Steel with high strength and good formability is produced with compositions and methods for forming austenitic and martensitic microstructure in the steel. Carbon manganese molybdenum nickel copper and chromium may promote the formation of room temperature stable (or meta stable) austenite by mechanisms such as lowering transformation temperatures for non martensitic constituents and/or increasing the hardenability of steel. Thermal cycles utilizing a rapid cooling below a martensite start temperature followed by reheating may promote formation of room temperature stable austenite by permitting diffusion of carbon into austenite from martensite.

No. of Pages: 37 No. of Claims: 7

(21) Application No.1279/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/02/2013 (43) Publication Date: 04/03/2016

## (54) Title of the invention: ENTECAVIR SYNTHESIS METHOD AND INTERMEDIATE COMPOUND THEREOF

(51) International :C07D473/18,C07D473/40,C07C43/196 classification

:15/07/2011

:201010230153.7

(31) Priority Document

:15/07/2010 (32) Priority Date

(33) Name of priority

:China country :PCT/CN2011/077195

(86) International Application No

Filing Date

(87) International :WO 2012/006964

Publication No

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

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

:NA

:NA

(71) Name of Applicant:

1)ZHEJIANG AUSUN PHARMACEUTICAL. CO. LTD.

Address of Applicant :No. 5 Donghai 4th Avenue Zhejiang Chemical Materials Base Linhai Zone Taizhou Zhejiang 317016

China

(72) Name of Inventor:

1)ZHENG Zhiguo

### (57) Abstract:

The present invention relates to a preparation method for a medicine and an intermediate compound thereof specifically relates to a preparation method for entecavir an intermediate compound thereof and a synthesis method for the intermediate compound.

No. of Pages: 125 No. of Claims: 66

(22) Date of filing of Application :22/02/2012 (43) Publication Date : 04/03/2016

## (54) Title of the invention: ENERGY SAVING SYSTEM AND METHOD FOR DEVICES WITH ROTATING OR RECIPROCATING MASSES

(51) International classification :F04B (71)Name of Applicant: 1)THE POWERWISE GROUP, INC. (31) Priority Document No :61/240,399 Address of Applicant: 4855 TECHNOLOGY WAY SUITE (32) Priority Date :08/09/2009 550 BOCA RATON, FL 33431 (US) U.S.A. (33) Name of priority country :U.S.A. :PCT/US2010/047477 (86) International Application No (72)Name of Inventor: Filing Date :01/09/2010 1)LUMSDEN, JOHN, L. (87) International Publication No :WO/2011/031603 2) KELLEY, PAUL, H (61) Patent of Addition to Application 3) VENKATARAMAN, VASAN :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

A system and method are provided for reducing the energy consumed by a pump each electric motor by reducing the supply voltage to the motor when the motor would be generating energy in open loop mode. By substantially eliminating the energy generation mode the braking action of the utility grid in limiting the acceleration of the motor and system that would otherwise occur is substantially removed. The motor and system will speed up. allowing the natural kinetic energy of the cyclic motion to perform part of the pumping action. A closed loop controller in electrical connection with the motor computes the neccessary information from the observed phase angle between the voltage and current supplied to the motor. By reducing the supply voltage to the motor, the observed phase angle may be reduced to a target phase angle value. By allowing some current flow, primarily of a reactive nature, an observable feedback parameter may be used in the closed loop control system as an indication of the load condition, to which the closed loop motor controller may road supplying power when needed, such as in the energy consumption mode. The electric motor may be effectively turned off, but without completely cutting the power to the motor. During both the energy consumption mode and the period that open loop energy generation would be occurring, the closed loop motor controller may reduce the observed phase angle to a target phase angle by reducing the supply voltage. Any further reduction in the observed phase angle below the target phase angle may be interpreted as an increase in motor load, to which the motor controller may respond by increasing the supply voltage to the motor until the target phase angle is once again reached.

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

(22) Date of filing of Application :22/02/2012 (43) Publication Date : 04/03/2016

## (54) Title of the invention: LOST MOTION VALVE CONTROL APPARATUS

(51) International classification :F01L 1/14 (31) Priority Document No :20091016153 (32) Priority Date :04/08/2009 (33) Name of priority country :Canada (86) International Application No Filing Date :04/08/2010 (87) International Publication No :WO 2011/01 (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number Filing Date :NA	Address of Applicant :VIA ORVIETO, 19, 1-10149 TORINO, ITALY Italy (72)Name of Inventor : 1)CECUR, MAJO
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### (57) Abstract:

There is described a valve control device (113) for use in an internal combustion engine, the engine comprising an engine valve (101) and a camshaft having a cam profile (117) comprising a first lift profile. The valve control device comprises a first body (201) and a second body (203). The device is configurable in a first configuration and a second configuration. When the device is in the first configuration relative movement between said first body and second body caused when the first lift profile engages a cam engagement surface inhibits a valve actuating linkage from actuating the engine valve. The device further comprises means which when the device is in the second configuration prevents relative movement between said first and second bodies when the first lift profile engages the cam engagement surface to enable the valve actuating linkage to actuate the engine valve. When the device is in the second configuration, said means is arranged such that substantially all of the force exerted thereon as the valve is actuated is compressive.

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

(21) Application No.2434/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :27/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: A TRUCK MOUNTED PATROL MAINTENANCE UNIT

71)Name of Applicant:  1)TPS INFRASTRUCTURE LIMITED  Address of Applicant:84, M-BLOCK COMMERICAL COMPLEX, GREATER KAILASH-II, NEW DELHI-110048,
NDIA. Delhi India
72)Name of Inventor: 1)VIRENDRA OBEROI
2)AMRISH KUMAR
7 7

### (57) Abstract:

This invention relates to a truck mounted patrol maintenance unit for road maintenance and in emergency comprising various equipments for road maintenance and clearing felling tree and various medical units for providing medical care to injured people, which are mounted on the truck and working in a combination to serve the purpose.

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

(21) Application No.1228/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/02/2013 (43) Publication Date : 04/03/2016

## (54) Title of the invention: GASIFICATION REACTOR

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:C10J3/76,F28D7/00,F23J3/00 :10174505.7	(71)Name of Applicant: 1)SHELL INTERNATIONALE RESEARCH
(32) Priority Date	:30/08/2010	MAATSCHAPPIJ B.V.
(33) Name of priority country	:EPO	Address of Applicant :Carel van Bylandtlaan 30 NL 2596 HR
(86) International Application No	:PCT/EP2011/064719	The Hague Netherlands
Filing Date	:26/08/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2012/028550	1)HEITMANN Alfons
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)VON KOSSAK GLOWCZEWSKI Thomas Paul 3)KOWALOW Juergen
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

A gasification reactor (1) with a heat exchange unit (4) comprising a gas flow channel (7) and one or more heat exchangers (9) arranged within the gas flow channel the heat exchangers comprising one or more heat exchange surfaces (10) and one or more associated structures (6, 11, 12, 13) such as a support structure or deflector plates. The associated structures are provided with fouling protection devices (19, 20, 31, 36, 40) such as blasters or flow guiding surfaces.

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

(22) Date of filing of Application :08/02/2013

(43) Publication Date: 04/03/2016

## (54) Title of the invention: SYSTEM AND METHOD INCLUDING ANALYTICAL UNITS

:840/DELNP/2013

:22/07/2011

(51) International classification :G01N 35/10 (31) Priority Document No :61/367,343 (32) Priority Date :13/07/2010

(33) Name of priority country :U.S.A. (86) International Application No :PCT/US2011045107

Filing Date :22/07/2011

(87) International Publication No :WO 2012/012779

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

(62) Divisional to Application Number

Filed on

(71)Name of Applicant:

1)BECKMAN COULTER INC.

Address of Applicant :250 S. KRAEMER BOULEVARD,

BREA, CALIFORNIA 92821, U.S.A. U.S.A.

(72)Name of Inventor: 1)WILSON BRIAN D. 2)ALARURI SAMI D. 3)ANDERSON DAVID L. 4)DAVIS MATTHEW S.

5)ERICKSON MATTHEW D. 6)GWYNN ROBERT B.

7)JOHNSON ALAN N.

8) KRAIHANZEL CHARLES S. 9)MAURER GARRICK A.

10)ROSEN MICHAEL J. 11)SAUERBURGER MARK F. 12) SCHMIDT DANIEL R.

13)WANGNER REED B. 14) WILTSIE JOSHUA D. 15)STACHELEK THOMAS M.

16)YANG DAVID L.

### (57) Abstract:

A reagent cartridge, comprising: a containment section that comprises a horizontally planar containment floor and a containment wall that extends vertically from the periphery of the containment floor; the floor including an access opening of a reagent receptacle; a gripping handle that is attached to an isolation portion, the isolation portion attached to the containment section and thereby providing a separation between gripping handle and the reagent receptacle; and a memory unit, wherein the memory unit contains information related to one of the manufacturing history and the usage history of the reagent cartridge

No. of Pages: 329 No. of Claims: 11

(22) Date of filing of Application :22/02/2012 (43)

(43) Publication Date: 04/03/2016

# (54) Title of the invention : COMPOSITIONS COMPRISING REFRIGERANT AND LUBRICANT AND METHODS FOR REPLACING CFC AND HCFC REFRIGERANTS WITHOUT FLUSHING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C09K 5/04 :61/239,870 :04/09/2009 :U.S.A. :PCT/US2010/47762 :03/09/2010 :WO 2011/028970 :NA :NA :NA	(71)Name of Applicant:  1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant:1007 MARKET STREET, WILMINGTON, DELAWARE 19898, USA U.S.A. (72)Name of Inventor: 1)MINOR, BARBARA, HAVILAND
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#### (57) Abstract:

A composition comprising a refrigerant and a lubricant is disclosed, wherein the refrigerant comprises (i) a fluorocarbon selected from the group consisting of R125, R134a, R32, R152a, R143a, R218 and mixtures thereof, and (ii) a hydrocarbon selected from the group consisting of propane, n-butane, isobutane, n-pentane, isopentane, dimethyl ether, and mixtures thereof; the lubricant comprises (iii) a hydrocarbon-based lubricant component; and (iv) a synthetic lubricant component; and the synthetic lubricant component is less than 30% by weight of the total lubricant. Also disclosed are methods of replacing refrigerants in refrigeration or air conditioning systems containing a refrigerant comprising a CFC or HCFC and a lubricant. The methods involve adding to the system (a) a replacement refrigerant comprising (i) a fluorocarbon selected from the group consisting of R125, R134a, R152a, R32, R143a, R218 and mixtures thereof, and (ii) a hydrocarbon selected from the group consisting of propane, n-butane, isobutane, n-pentane, isopentane, dimethyl ether, and mixtures thereof; and (b) a synthetic lubricant component; wherein after refrigerant replacement the synthetic lubricant component is less than 30% by weight of the total amount of lubricant in the system.

No. of Pages: 27 No. of Claims: 14

(21) Application No.2442/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :27/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: METHOD OF SINGLE CELL ENCAPSULATION AND USES THEREOF

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:A61P3/10, A61K35/39 :NA :NA :NA :NA	(71)Name of Applicant:  1)DIRECTOR GENERAL, DEFENCE RESEARCH &  DEVELOPMENT ORGANISATION  Address of Applicant: Ministry of Defence, Govt. of India,  Room No 348, B-Wing, DRDO Bhawan, Rajaji Marg, New Delhi  110001 Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	1)GANGENAHALLI, Gurudutta 2)PANDEY, Siddharth
Filing Date	:NA	3)TRIPATHI, Rajendra Prasad
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

The present disclosure relates to a method of single cell encapsulation using chitosan nanoparticles or anionic liposomes. Also provided in the present disclosure are methods of preparing said chitosan nanoparticles, and anionic liposomes.

No. of Pages: 27 No. of Claims: 11

(22) Date of filing of Application :28/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: TEST RIG FOR TESTING OF ABSOLUTE PRESSURE SWITCH (APS) OF VARIOUS AIRCRAFT.

(51) International classification	:G01M17/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ASERDC, HAL, ACCESSORIES DIVISION
(32) Priority Date	:NA	Address of Applicant :DGM(EQUIPMENTS) ASERDC
(33) Name of priority country	:NA	HINDUSTAN AERONAUTICS LIMITED ACCESSORIES
(86) International Application No	:NA	DIVISION FAIZABAD ROAD, LUCKNOW-226016 Uttar
Filing Date	:NA	Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)M. K. CHAURASIA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The Test Rig is designed to meet the testing requirements of the Absolute Pressure Switch (APS) unit of Engine Fuel Feed line of various aircrafts. The Rig comprises a Test Stand with Controls & Indications and a customize adaptor on a sliding shelf, universally designed to mount APS from various aircrafts. The Rig design includes a interconnections circuit comprising of various elements like Regulated DC Power supply, Air Supply source, Air Filter, Pressure Regulator, measuring device and indicators etc for Proof Pressure Test, Position Test, Accuracy Test & Insulation Resistance Test of the unit for new production, overhauling and repair.

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

(22) Date of filing of Application :08/02/2013

(43) Publication Date: 04/03/2016

## (54) Title of the invention: SYSTEM AND METHOD INCLUDING ANALYTICAL UNITS

(51) International classification :G01N35/10,G01N35/04,

 (31) Priority Document No
 :61/367343

 (32) Priority Date
 :23/07/2010

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

(86) International Application No :PCT/US2011/045107

Filing Date :22/07/2011 (87) International Publication No :WO 2012/012779

(61) Patent of Addition to Application :NA

Number :NA Filing Date

(62) Divisional to Application Number :840/DELNP/2013 Filed on :22/07/2011 (71)Name of Applicant:

1)BECKMAN COULTER INC.

Address of Applicant :250 S. KRAEMER BOULEVARD,

BREA, CALIFORNIA 92821, USA U.S.A.

(72)Name of Inventor:

1)WILSON BRIAN D. 2)ALARURI SAMI D. 3)ANDERSON DAVID L.

4)DAVIS MATTHEW S.

5)ERICKSON MATTHEW D.

6)GWYNN ROBERT B.

7)JOHNSON ALAN N.

8) KRAIHANZEL CHARLES S.

9)MAURER GARRICK A.

10)ROSEN MICHAEL J.

11)SAUERBURGER MARK F. 12)SCHMIDT DANIEL R.

13)WAGNER REED B.

14)WILTSIE JOSHUA D.

15)STACHELEK THOMAS M.

16)YANG DAVID L.

#### (57) Abstract:

Systems and methods for processing and analyzing samples are disclosed. The system may process samples, such as biological fluids, using assay cartridges which can be processed at different processing locations. In some cases, the system can be used for PCR processing. The different processing locations may include a preparation location where samples can be prepared and an analysis location where samples can be analyzed. To assist with the preparation of samples, the system may also include a number of processing stations which may include processing lanes. During the analysis of samples, in some cases, thermal cycler modules and an appropriate optical detection system can be used to detect the presence or absence of certain nucleic acid sequences in the samples. The system can be used to accurately and rapidly process samples.

No. of Pages: 330 No. of Claims: 20

(21) Application No.1618/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/02/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A MONITORING SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H04Q 9/00 :0914705.9 :24/08/2009 :U.K. :PCT/GB2010/051394 :24/08/2010 :WO 2011/023991 :NA :NA :NA	(71)Name of Applicant:  1)APPLIED REALTIME TECHNOLOGIES LIMITED Address of Applicant: DALTON HOUSE, 60 WINDSOR AVENUE, LONDON, SW19 2RR, UNITED KINGDOM; U.K. (72)Name of Inventor: 1)READ, DALE
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## (57) Abstract:

A monitoring unit comprising at least one interface to receive information from at least one device to be monitored, the monitoring unit further comprising a data transmitter operable wirelessly to communicate information relating to the at least one device to a remote server, accessible by a user remote from the server.

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

(22) Date of filing of Application :28/08/2014

(43) Publication Date: 04/03/2016

# (54) Title of the invention : A SYSTEM TO DETECT INSTANCE OF INTERMITTENT ELECTRICAL POWER SUPPLY LOSS/RESET/DISABILITY IN PARTICULAR ECU(S) OF VEHICLE

(51) International classification (31) Priority Document No	:G01R31/36 :NA	(71)Name of Applicant: 1)MARUTI SUZUKI INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :1, NELSON MANDELA ROAD,
(33) Name of priority country	:NA	VASANT KUNJ, NEW DELHI - 110070, INDIA. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KARTHIK V
(87) 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 system to detect instance of intermittent electrical power supply loss/reset/disability in particular ECU (s) of vehicle comprising a plurality of ECUs of vehicle in communication with a master ECU (ECU reporting the error) through a communication line wherein each of the ECUs in the communication network is installed with a software to detect every instance of intermittent electrical power supply loss in any of the ECUs. It is associated with the following advantageous features: - - More accurate and precise in detection of problem. - Addressing issue in earlier stage thereby avoiding casualty. - Addressing of safety measures effectively.

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

(22) Date of filing of Application :28/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A MOUNTING ARRANGEMENT FOR AN EXHAUST SYSTEM OF VEHICLE

	E011112/00	
(51) International classification	:F01N13/08	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MARUTI SUZUKI INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :1, NELSON MANDELA ROAD,
(33) Name of priority country	:NA	VASANT KUNJ, NEW DELHI-110070, INDIA. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)CHIRANJIT GHOSH
(87) International Publication No	: NA	2)GOPALA KRISHNAN K.S
(61) Patent of Addition to Application Number	:NA	3)VINEETH S
Filing Date	:NA	4)UTTAM MISHRA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The present invention relates to a mounting arrangement for an exhaust system of a vehicle comprising an engine mount devised to accommodate isolator of the exhaust system by combining said isolator with the engine mount. It is associated with the following advantageous features: - - Compact exhaust system mount using optimum mounting positions - Easing out of the assembly procedure - Less weight, therefore cost effective - Improved NVH characteristics of vehicle - Vibration due to exhaust system is absorbed by the enginemounts structure itself thereby reducing the vibration to the cabin.

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

(22) Date of filing of Application :28/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: ACCELERATOR PEDAL REINFORCEMENT OF A VEHICLE

(51) International classification	:B60K26/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MARUTI SUZUKI INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant:1, NELSON MANDELA ROAD,
(33) Name of priority country	:NA	VASANT KUNJ, NEW DELHI-110070, INDIA. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PUNIT N KHARWAR
(87) International Publication No	: NA	2)ARPIT KUMAR KULSHRESTHA
(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 accelerator pedal reinforcement of a vehicle comprising a single structure, three sides of which are spot welded to underlying dash panel and fourth side maintains a gap from the dash panel with a plurality of bracket mounting locations on the reinforcement wherein a connecting means is provided in the surface area between said bracket mounting locations to stiffen the fourth side. It is associated with the following advantageous features:- - High load carrying capacity of reinforcement. - Stable by avoiding deformation throughout the design life cycle. - Effective transfer of load to the dash panel. - Compact as compared to prior art. - Reduction of stress in reinforcement. - Meets the space and layout constraints.

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

(19) INDIA

(22) Date of filing of Application :10/12/2014

(21) Application No.10533/DELNP/2014 A

(43) Publication Date: 04/03/2016

# (54) Title of the invention: STERILIZATION DEVICE

(51) International classification	:A61N5/00, G01N21/00	(71)Name of Applicant: 1)NOK CORPORATION
(31) Priority Document No	:2012115880	Address of Applicant :12 15 Shiba Daimon 1 chome Minato
(32) Priority Date	:21/05/2012	ku Tokyo 1058585 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:PCT/JP2013/062247	1)NIKAMOTO Hiroyuki
Filing Date	:25/04/2013	
(87) International Publication No	:WO 2013/175931	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Provided is a sterilization device designed to be more compact while being designed to improve sterilization efficiency. A sterilization device (100) equipped with a housing (110) that has a flow channel (R) for the fluid being sterilized and an LED element (122) that is provided in the housing (110) and irradiates ultraviolet rays into the flow channel (R) is characterized in that: the inner wall surface of the flow channel (R) has a pair of reflecting surfaces (first reflecting surface (111) second reflecting surface (112)) that cause ultraviolet rays irradiated from the LED element (122) to be reflected multiple times while directing same from one end of the flow channel (R) to the other; and the first reflecting surface (111) side is provided with a return surface (111a) which is configured from a surface that is perpendicular to the optical axis of the light after being reflected multiple times from one end to the other and which returns said light toward the original direction.

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

(21) Application No.2934/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :14/10/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: LIGHTWEIGHT, ARC-RATED, DYEABLE FABRICS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:D02G3/44 :62/043,442 :29/08/2014 :U.S.A. :NA :NA	1)DRIFIRE, LLC
Filing Date	:NA	1)HINES Robert Winfred
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

Lightweight, dyeable fabrics with a balance of high thermal properties, especially arc resistance, on the one hand, and durability and comfort properties, on the other hand, are disclosed. Articles, such as garments and linen, made from the lightweight dyeable fabrics are also disclosed. The fabrics are particularly useful in garments for utility workers, industrial workers, military personnel, and firefighters, especially for use in environments requiring high visibility.

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

(22) Date of filing of Application :26/10/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention: COAXIAL CONNECTOR

(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 (82) Divisional to Application Number (83) Filing Date (84) Patent of Addition to Application Number (85) Divisional to Application Number (86) Divisional to Application Number (87) Filing Date (88) Priority Document No (89) International Application Number (89) Patent of Addition to Application Number (80) Patent of Addition to Application Number (81) Patent of Addition to Application Number (81) Patent of Addition to Application Number (81) Patent of Addition to Application Number (82) Priority Date (83) Name of priority country (84) Priority Date (85) Priority Date (87) Priority Date (87) Priority Date (87) Priority Date (87) Priority Date (88) Priority Country (89) Priority Country (80) Priority Date (87) Priority Country (80) Priority Country (81) Priority Country (82) Priority Date (83) Priority Date (84) Priority Date (85) Priority Country (86) Priority Country (87) Pri	I B B R W Y N P B N N X Y I V A N I A 1931 / I I N I I B I I X I A I B X I B
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# (57) Abstract:

A coaxial connector (100) compnses an outer contact (114) having a separable interface end (166) configured to be mated to a mating connector, and a terminating end (186). A central cavity (164) extends between the separable interface end and the terminating end. A dielectric insert (112) is received in \$e central cavity, and the dielectric insert has a bore (140) that holds a center contact (110). The dielectric insert has structural features (146) extending axially along an exterior of the dielectric insert, and air gaps (148) are defined between the structural features. The structural features engage the outer contact (114) to secure the dielectric insert (112) in the central cavity (164).

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

(22) Date of filing of Application :26/10/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention : WEIGHING CELL BASED ON THE PRINCIPLE OF ELECTROMAGNETIC FORCE COMPENSATION WITH OPTOELECTRONIC POSITION SENSOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:G06Q :11195309.7 :22/12/2011 :EPO :NA :NA : NA :NA :NA	-/
(62) Divisional to Application Number Filing Date	:NA :NA	5)USTER MARKUS

## (57) Abstract:

A weighing cell (1) based on the principle of electromagnetic force compensation includes a stationary base part (2), a load receiver (3) constrained to the base part (2) in guided movement and serving to receive the weight force of a weighing load (4), and further includes a permanent magnet system (5) mounted on the base part (2) and having an air gap (6). Suspended in the air gap is a coil (8) which is connected to the load receiver (3) through a force-transmitting mechanism (9) and which carries an electrical compensation (7) current when the weighing cell (1) is in operation. Further included is an optoelectronic position sensor (12, 13) whose sensor signal (14) corresponds to the deflection of the coil (8) from a zero position which occurs as a result of placing a load (4) on the load receiver (3). A closed-loop controller (15) regulates the compensation current (7) in response to the sensor signal (14) in such a way that the coil (8) and the load receiver (3) that is connected to it are returned to their zero position by the electromagnetic force that is acting between the coil (8) and the permanent magnet (5). The optoelectronic position sensor includes a light emitter (12) and a light receiver (13) which are mounted on the base part (2) with an interstitial space between them, as well as a shutter vane (10) traversing said interstitial space and participating in the movement of the coil (8). The light emitter (12) is mounted on a first carrier element (16, 116, 316), centered on the connecting line (VI) between two first fastening locations of the first carrier element (16, 116, 316), the latter being rigidly attached to the base part (2, M830-E EP Translation - 25 - 202) through the first fastening locations; and/or the light receiver (13) is mounted on a second carrier element (17, 117, 317), centered on the connecting line (V2) between two second fastening locations of the second carrier element (17, 117, 317), the latter being rigidly attached to the base part (2, 202) through the second fastening locations.

No. of Pages: 29 No. of Claims: 15

(22) Date of filing of Application :08/12/2014

(43) Publication Date: 04/03/2016

# (54) Title of the invention : HETEROCYCLES CAPABLE OF MODULATING T CELL RESPONSES AND METHODS OF USING SAME

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:61/654385 :01/06/2012 :U.S.A.	(71)Name of Applicant:  1)NOGRA PHARMA LIMITED  Address of Applicant:33 Sir John Rogersons Quay Dublin 2  Ireland (72)Name of Inventor:  1)HOMMES Daan 2)VERHAAR Auke 3)VAN DEN BRINK Gijs 4)VITI Francesa
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## (57) Abstract:

The present disclosure is directed in part to heterocycles and their use in treating medical disorders such as immune inflammatory disorders such as Crohn's disease ulcerative colitis rheumatic disorders psoriasis and allergies. The compounds are contemplated to modulate T Cell responses.

No. of Pages: 91 No. of Claims: 39

(21) Application No.1240/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/02/2013

(43) Publication Date: 04/03/2016

# (54) Title of the invention : NEW MARKERS FOR THE EPITHELIAL AND PROLIFERATIVE OR MESENCHYMAL INVASIVE PHENOTYPE OF HUMAN NEOPLASIAS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:NA :NA :NA :PCT/IB2010/053632 :11/08/2010 :WO 2012/020281 :NA :NA	(71)Name of Applicant: 1)ISTITUTI FISIOTERAPICI OSPITALIERI (IFO) ISTITUTO REGINA ELENA PER LO STUDIO E LA CURA DEI TUMORI Address of Applicant: Via Elio Chianesi 53 I 00144 Roma (RM) Italy (72)Name of Inventor: 1)NISTICO Paola 2)DI MODUGNO Francesca
Filing Date	:NA	

(57) Abstract:

The present invention relates to a new Ena/VASP protein isoform uses thereof diagnostic methods and kits comprising the same.

No. of Pages: 61 No. of Claims: 28

(22) Date of filing of Application :29/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: AN ANDROGRAPHOLIDE COMPOUND AND PROCESS OF PREPARATION THEREOF

(51) International classification :A6 35/	1P (71)Name of Applicant: 0 1)JAMIA HAMDARD UNIVERSITY
(31) Priority Document No :NA	Address of Applicant :Hamdard Nagar, New Delhi- 110 062,
(32) Priority Date :NA	India. Delhi India
(33) Name of priority country :NA	(72)Name of Inventor:
(86) International Application No :NA	1)ALAM, Mohammad Sarwar
Filing Date :NA	2)NAZREEN, Syed
(87) International Publication No : N	A 3)HAMID, Hinna
(61) Patent of Addition to Application Number :NA	4)SHAFI, Syed
Filing Date :NA	
(62) Divisional to Application Number :NA	L Commence of the commence of
Filing Date :NA	

## (57) Abstract:

The present invention provides an andrographolide compound of formula I, its stereoisomers, polymorphs, salts, or solvates, (I) The present invention also provides a pharmaceutical composition, which comprises an andrographolide compound of formula I, its stereoisomers, polymorphs, salts or solvates and a pharmaceutically acceptable excipient(s). The present invention further provides a process for the preparation of an andrographolide compound of formula I, and its use as an anti-diabetic and anti-cancer medicament.

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

(22) Date of filing of Application :29/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : A SELF COLORED MAGNETIC LEATHER FOR INDUSTRIAL APPLICATIONS AND A PROCESS FOR THE PREPARATION THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:G03G 9/083 :NA :NA :NA :NA	(71)Name of Applicant:  1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH  Address of Applicant: ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110 001, INDIA. Delhi India (72)Name of Inventor:  1)PALANISAMY THANIKAIVELAN
(87) 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:

Present invention relates to a method of producing leathers in different colors with magnetic property simultaneously by a single chemical treatment without employing synthetic or natural dyes or pigments. Generally, leather is a diamagnetic material. Further, conventional leather processing employs synthetic or natural dyes or pigments for coloration process. Here, the present invention aims at providing magnetic property and color to leather simultaneously by a single chemical treatment thereby the processed leathers can be used for smart product applications. The suitable magnetic materials/nanoparticles have been incorporated within the leather matrix in-situ. The structural and morphological features of the resultant leathers were not altered significantly. Leathers with varying magnetization and color shades can be obtained by altering the choice of chemicals. Such leathers are suitable for manufacturing smart leather products, which have potential for applications in intelligent garments, EMI shielding, microwave absorption, electronic product case/cover, bar coding, wall/floor tiles/coverings, magnetic health care etc.

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

(22) Date of filing of Application :08/04/2003 (43) Publication Date : 04/03/2016

# (54) Title of the invention : PEER-TO-PEER NAME RESOLUTION PROTOCOL (PNRP) SECURITY INFRASTRUCTURE AND METHOD

(51) International classification	:H04L 9/00	(71)Name of Applicant :
(31) Priority Document No	:10/134,780	1)MICROSOFT CORPORATION
(32) Priority Date	:29/04/2002	Address of Applicant :ONE MICROSOFT WAY,
(33) Name of priority country	:U.S.A.	REDMOND, WASHINGTON 98052, USA. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ROHIT GUPTA
(87) International Publication No	:NA	2)ALEXANDRU GAVRILESCU
(61) Patent of Addition to Application Number	:NA	3)JOHN L. MILLER
Filing Date	:NA	4)GRAHAM A. WHEELER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A security infrastructure and methods are presented that inhibit the ability of a malicious node from disrupting the normal operations of a peer-to-peer network. The methods of the invention allow both secure and insecure identities to be used by nodes by making them self-verifying. When necessary or opportunistic, ID ownership is validated by piggybacking the validation on existing messages. The probability of connecting initially to a malicious node is reduced by randomly selecting to which node to connect. Further, information from malicious nodes is identified and can be disregarded by maintaining information about prior communications that will require a future response. Denial of service attacks are inhibited by allowing the node to disregard requests when its resource utilization exceeds a predetermined limit. The ability for a malicious node to remove a valid node is reduced by requiring that revocation certificates be signed by the node to be removed.

No. of Pages: 64 No. of Claims: 53

(22) Date of filing of Application :28/08/2014

(43) Publication Date: 04/03/2016

(54) Title of the invention : DESIGN & DEVELOPMENT OF HIGH FREQUENCY (400HZ) DUAL OUTPUT SINGLE PHASE INVERTER EMPLOYING SINUSOIDAL PULSE WIDTH MODULATION (SPWM) TECHNIQUE FOR AIRBORNE APPLICATION

(51) I	2016/27 (71) 1 6 4 12 4
	02M5/27   (71)Name of Applicant :
(31) Priority Document No :NA	A 1)ASERDC, HAL, ACCESSORIES DIVISION FAIZABAD
(32) Priority Date :NA	A ROAD LUCKNOW
(33) Name of priority country :NA	A Address of Applicant :DGM (EQUIPMENT) ASERDC
(86) International Application No :NA	A HINDUSTAN AERONAUTICS LIMITED ACCESSORIES
Filing Date :NA	A DIVISION FAIZABAD ROAD, LUCKNOW-226016 Uttar
(87) International Publication No : NA	A Pradesh India
(61) Patent of Addition to Application Number :NA	A (72)Name of Inventor:
Filing Date :NA	A 1)G. K. JHA
(62) Divisional to Application Number :NA	A 2)KAUSAR MUJTABA
Filing Date :NA	A

#### (57) Abstract:

Static Inverter is designed and developed for the use on Airborne application. Static Inverter provides single phase Input & Dual regulated Sine wave output with Fault monitoring and Remote ON/OFF operation. It also provides built in protections against Output Over Voltage, Over Frequency, Input Reverse Polarity & Output Short Circuit Protections. Static Inverter is Designed & Developed based on high frequency switching using Sinusoidal PWM Technique for low distortion, compact structure and higher efficiency. In Sinusoidal Pulse Width Modulation (SPWM) technique a triangular wave is compared to a sinusoidal wave of the desired frequency and the relative levels of the two waves is used to control the switching of devices of the Inverter. High efficiency will be achieved by controlling & synchronizing switching pulses of power devices. This technique enables low distortion and better reliability.

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

(22) Date of filing of Application :28/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: SAFE POWER SOCKETS AND PLUGS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:H01R13/71 :NA :NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)KHOSLA, Atul Address of Applicant:60-UA, Jawahar Nagar, Delhi 110007, India. Delhi India 2)KHOSLA, Archit (72)Name of Inventor: 1)KHOSLA, Atul 2)KHOSLA, Archit
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)KHOSLA, Archit
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

In another aspect, the present disclosure relates to and provides for power sockets/power extension cords/power extension boards/plugs, wherein an electrical circuit can be incorporated to sense overvoltage and/or rise of temperature of lugs/joints withinor both above respective preset references/thresholds and initiate alarm/indicator system(s) so that necessary action(s) can be initiated to prevent damage of electrical appliances/power sockets/power plugs or part(s) thereof because of overvoltage or excessive heating. The circuit/design could in addition incorporate prior art like over-current, surge protection etc. to present a Comprehensive Protection Scheme.

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

(22) Date of filing of Application :22/02/2012 (43) Publication Date : 04/03/2016

## (54) Title of the invention: ENERGY CONVERSION DEVICE AND RELATED DISTRIBUTION METHOD

(51) International classification	:H01R	(71)Name of Applicant:
(31) Priority Document No	:1151536	1)VALEO SYSTEMES DE CONTROLE MOTEUR
(32) Priority Date	:25/02/2011	Address of Applicant :14 AVENUE DES BEGUINES, BP
(33) Name of priority country	:France	68532, 95892 CERGY PONTOISE CEDEX, FRANCE France
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BOUCHEZ BORIS
(87) International Publication No	:NA	2)SOUSA LUIS DE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The invention relates to a method for distributing the total power of an energy conversion device between at least two converters in said energy conversion device, the sum of the conversion powers of the converters being the total power of the conversion device, the energy conversion device converting energy between a first electrical entity and a second electrical entity, characterised in that: said at least two converters correspond to at least two portions of a ring (29), the portions being proportional to a predetermined power value of the respective converters (1) thereof, the combination of the at least two portions forming the whole ring; and in that the total power of the conversion device corresponds to an arc of the ring between the positions of a first slider and a second slider that are moveable around the ring, and the distribution of power between the converters is determined by the positions of the first slider and the second slider that are moveable around the ring.

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

(21) Application No.5980/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/07/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: DEVICE FOR ACCESSING THE SIDES OF A WIND TURBINE BLADE MOULD

(51) International classification :E06C1/52,F03D1/06,B29C70/30 (71)Name of Applicant: (31) Priority Document No 1) VESTAS WIND SYSTEMS A/S :PA 2012 70837 (32) Priority Date :31/12/2012 Address of Applicant : Hedeager 42 8200 Aarhus N Denmark (33) Name of priority country :Denmark (72)Name of Inventor: (86) International Application 1)ROBINSON Samuel :PCT/DK2013/050435 No :17/12/2013 Filing Date (87) International Publication :WO 2014/101918 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

## (57) Abstract:

When producing large work pieces an operator often faces the problem of accessing all areas of an inclined high surface. The present invention proposes a device and a method for climbing up inclined surface wherein a plurality of steps are attached to a flexible support which can be provided for example by a mat. The present invention finds a particular convenient application in the field of wind turbine production for example when layers of glass fibers have to be laid onto the walls of a mould.

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

(22) Date of filing of Application :22/02/2012 (43) Publication Date : 04/03/2016

## (54) Title of the invention: CEMENTED CARBIDE AND CUTTING TOOL USING SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C22C 29/08 :2009-191493 :20/08/2009 :Japan :PCT/JP2010/063630 :11/08/2010 :WO 2011/021554 :NA :NA	(71)Name of Applicant:  1)SUMITOMO ELECTRIC INDUSTRIES, LTD. Address of Applicant:5-33, KITAHAMA 4-CHOME, CHUO- KU, OSAKA-SHI, OSAKA 541-0041, JAPAN Japan  2)SUMITOMO ELECTRIC HARDMETAL CORP. 3)A.L.M.T. CORP (72)Name of Inventor: 1)TAKUYA OKUNO 2)KAZUHIRO HIROSE 3)HIDEKI MORIGUCHI 4)AKIHIKO IKEGAYA 5)KAZUO SASAYA 6)YOSHIHARU YAMAMOTO
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#### (57) Abstract:

There are provided a cemented carbide high in thermal diffusivity and excellent in wear resistance, and a cutting tool including a base material formed of this cemented carbide. The cemented carbide is a WC based cemented carbide in which a hard phase mainly constituted of WC grains is bound by a binder phase mainly constituted of Co, and is used for a cutting tool. The binder phase is substantially constituted of Co, or Co and Ni. A total content of Co and Ni is not less than 4.5 mass % and not more than 15 mass %. In this cemented carbide, the WC grains have an average diameter of not less than 0.4  $\mu$ m and not more than 4  $\mu$ m. Assuming that the average diameter of the WC grain is represented by x ( $\mu$ m), the cemented carbide has a thermal diffusivity X (cm2/sec) satisfying X > 0.055x + 0.238. The cemented carbide can further contain one or more elements selected from Cr, Ta, Nb, Zr, and Ti at not less than 0.05 mass % and not more than 5 mass % in total.

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

(22) Date of filing of Application :22/02/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention: THERAPEUTIC DLL4 BINDING PROTEINS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:C07K 16/28 :61/238,152 :29/08/2009 :U.S.A. :PCT/US2010/047006 :27/08/2010 :WO 2011/25964 :NA :NA	2)BOGHAERT ERWIN R. 3)GU JIJIE 4)HARRIS MARIA 5)HICKSON JONATHAN A. 6)HSIEH CHUG-MING
(61) Patent of Addition to Application Number	:NA	4)HARRIS MARIA 5)HICKSON JONATHAN A.

# (57) Abstract:

Improved DLL4 binding proteins are described, including antibodies, CDR-grafted antibodies, human antibodies, and DLL4 binding fragments thereof, proteins that bind DLL4 with high affinity, and DLL4 binding proteins that neutralize DLL4 activity. The DLL4 binding proteins are useful for treating or preventing cancers and tumors and especially for treating or preventing tumor angiogenesis, and/or other angiogenesis-dependent diseases such as ocular neovascularization, or angiogenesis-independent diseases characterized by aberrant DLL4 expression or activity such as autoimmune disorders including multiple sclerosis.

No. of Pages: 221 No. of Claims: 187

(22) Date of filing of Application :27/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: AN ANTENNA TO COAXIAL ADAPTER •

(51) International electification	·H01D0/05	(71) Name of Applicant
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)THE DIRECTOR GENERAL, DEFENCE RESEARCH &
(32) Priority Date	:NA	DEVELOPMENT ORGANISATION (DRDO)
(33) Name of priority country	:NA	Address of Applicant :Ministry of Defence, Government of
(86) International Application No	:NA	India, Room No. 348, B-wing, DRDO Bhawan, Rajaji Marg, New
Filing Date	:NA	Delhi-110011, India. Delhi India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)HEMPRASAD GHANTA
Filing Date	:NA	2)BEENA MOLE KARUKUNNEL SREEDHARAN
(62) Divisional to Application Number	:NA	3)ANIL KUMAR SINGH
Filing Date	:NA	

#### (57) Abstract:

Embodiments disclose an antenna to coaxial adapter. The antenna to coaxial adapter comprises an antenna to waveguide transition, a waveguide flare and a waveguide to coaxial adapter. The antenna to waveguide transition comprises at least one aperture. An antenna patch is inserted in said antenna to waveguide transition through the at least one aperture. The antenna patch is energized to radiate electromagnetic waves. The radiated electromagnetic waves are transmitted to the waveguide flare which is coupled to the antenna to waveguide transition. The waveguide flare along with the antenna to waveguide transition guides the radiated electromagnetic waves into the waveguide to coaxial adapter. The waveguide to coaxial adapter is coupled to the waveguide flare and receives the TE waves. The waveguide to coaxial adapter converts the received TE waves into coaxial waves using which one or more antenna parameters are measured to obtain performance of the antenna patch. Figure 1

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

(21) Application No.898/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: JOB POSTER IDENTIFICATION

(51) Intermedianal aleasification	.000020/02	(71) Name of Applicant.
(51) International classification	:G00Q30/02	(71)Name of Applicant:
(31) Priority Document No	:62/044,123	1)LINKEDIN CORPORATION
(32) Priority Date	:29/08/2014	Address of Applicant :2029 Stierlin Court Mountain View,
(33) Name of priority country	:U.S.A.	California 94043, United States of America U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KAMAT, Sachit
(87) International Publication No	: NA	2)LEWIS, Monica Marie
(61) Patent of Addition to Application Number	:NA	3)SAXENA, Vibhu Prakash
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Techniques for determining that a member viewing a job posting has hiring authority are described. A determination module can identify a member viewing a job posting and access member data for the identified member. Additionally, the determination module can determine an entity associated with the job posting based on the accessed member data, and access job listing data for the determined entity. Moreover, the determination module can determine a score value based on the accessed member data and the accessed job listing data. The score value corresponds to a likelihood that the identified member has hiring authority for the job posting. Furthermore, an upsell module can upsell the job listing to the identified member based on the score value being higher than a predetermined threshold.

No. of Pages: 41 No. of Claims: 24

(22) Date of filing of Application :22/02/2012 (43) Publication Date : 04/03/2016

## (54) Title of the invention: VALVE OPERATING SYSTEM FOR INTERNAL COMBUSTION ENGINE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:14/09/2009 :WO 2011/030456 :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 Japan (72)Name of Inventor:  1)SOJI KASHIMA
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

A valve operating system for an internal combustion engine, which includes a decompression cam member (47) that is supported on a camshaft (26) and that operates an exhaust valve operating member (29e) in an opening direction of an exhaust valve (17e) in a compression stroke when the engine is started, an exhaust gas recirculation cam member (48) that is supported on the camshaft (26) and that operates the exhaust valve operating member (29e) in the opening direction of the exhaust valve (17e) in an intake stroke when the engine is running at high speed, and a centrifugal mechanism (46) that is mounted on a driven timing rotating member (32) rotating integrally with the valve operating cam (25) and makes the decompression cam member (47) and the exhaust gas recirculation cam member (48) move, wherein the valve operating cam (25) is provided with a recess (39) surrounding the camshaft (26), the recess (39) opening on the face on the other side of the driven timing rotating member (32) and on a base face of the valve operating cam (25), and the decompression cam member (47) and the exhaust gas recirculation cam member (48) are housed in the recess (39). This can provide a valve operating system for an internal combustion engine that can be made compact in spite of a driven timing rotating member and an exhaust cam being installed.

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

(21) Application No.2435/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :27/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: NANO ELECTRICITY GENERATOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)RAHUL KRISHNA Address of Applicant:905, GANGOTRI APARTMENT, ANAND ASHREY, GREATER NOIDA-201 310. Uttar Pradesh India (72)Name of Inventor: 1)RAHUL KRISHNA
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number</li></ul>	: NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

## (57) Abstract:

The device is a machine for generating electricity. The device will ensure that hydroelectricity can be generated cheaply. This device does not require dams, reservoirs, etc. in order to store potential energy. This device uses a system of nanotubes which will cause water to rise due to capillary action itself.

No. of Pages: 4 No. of Claims: 6

(22) Date of filing of Application :02/09/2014

(43) Publication Date: 04/03/2016

# (54) Title of the invention : A PROCESS FOR CARBON DIOXIDE REFORMING OF METHANE TO SYNGAS OVER NI-MGO-ZNO

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C01B31/00 ·NA	(71)Name of Applicant: 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant: ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110 001, INDIA. Delhi India (72)Name of Inventor: 1)BAL RAJARAM 2)SINGHA RAJIB KUMAR 3)PENDEM CHANDRASHEKAR 4)KONATHALA LAXMI NARAYAN SIVAKUMAR 5)BORDOLOI ANKUR 6)SARAN SANDEEP
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## (57) Abstract:

The present invention provides a process and catalyst for the production of synthesis gas (a mixture of CO and H2) by reforming of methane with carbon dioxide. The process provides a direct single step selective vapor phase dry reforming of methane with carbon dioxide to produce synthesis gas over Ni-MgO-ZnO catalyst between temperature range of 600°C to 800°c at 1 atmospheric pressure. The process provides a methane conversion of 5-95% with H2 to CO mole ratio of 0.83-1.2.

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

(22) Date of filing of Application :02/09/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A NOVEL RETANNING AGENT AND A PROCESS FOR THE PREPARATIN THEREOF

(51) International classification	:C14C3/22	(71)Name of Applicant:
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MURALI SATISH
(61) Patent of Addition to Application Number	:NA	2)BALARAMAN MADHAN
Filing Date	:NA	3)JONNALAGADDA RAGHAVA RAO
(62) Divisional to Application Number	:NA	4)BALACHANDRAN UNNI NAIRQ
Filing Date	:NA	

## (57) Abstract:

Disclosed herein is a novel retanning agent exhibiting particle size in the range of 162-342 nm and stability in the pH range of 5.5-13.0. A collagen-keratin source is hydrolysed and the resulting protein hydrolysate is treated with glycerol, and saccharides under stipulated conditions to obtain the retanning agent. The invention provides an option to utilize tannery raw trimmings for making retanning agent for leather making. The product enhances the uniformity of dyeing and increases the color intensity even with low quantity of dye. The developed product may serve as a good auxiliary to enhance the filling and dyeing in leather processing.

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

(21) Application No.9272/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/10/2012 (43) Publication Date : 04/03/2016

## (54) Title of the invention: FUSED CYCLOOCTYNE COMPOUNDS AND THEIR USE IN METAL FREE CLICK REACTIONS

(51) International classification :C07C33/16,C07C69/96,A61K47/48

(31) Priority Document No :10161192.9 (32) Priority Date :27/04/2010

(33) Name of priority country: EPO

(86) International Application: PCT/NL2011/050280

Filing Date :26/04/2011

(87) International Publication :WO 2011/136645

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)STICHTING KATHOLIEKE UNIVERSITEIT,MORE PARTICULARLY RADBOUD UNIVERSITY NIJMEGEN

Address of Applicant : Comeniuslaan 4, NL-6525 HP

Nijmegen Netherlands (72)Name of Inventor:

1)VAN DELFT Floris Louis

2) RUTJES FLORIS PETRUS JOHANNES THEODORUS

3)Dommerholt Frederik Jan

## (57) Abstract:

The invention relates to fused cyclooctyne compounds and to a method for their preparation. The invention also relates to a conjugate wherein a fused cyclooctyne compound according to the invention is conjugated to a label and to the use of these conjugates in bioorthogonal labeling imaging and/or modification such as for example surface modification of a target molecule. The invention further relates to a method for the modification of a target molecule wherein a conjugate according to the invention is reacted with a compound comprising a 1 3 dipole or a 1 3 (hetero)diene.

No. of Pages: 52 No. of Claims: 16

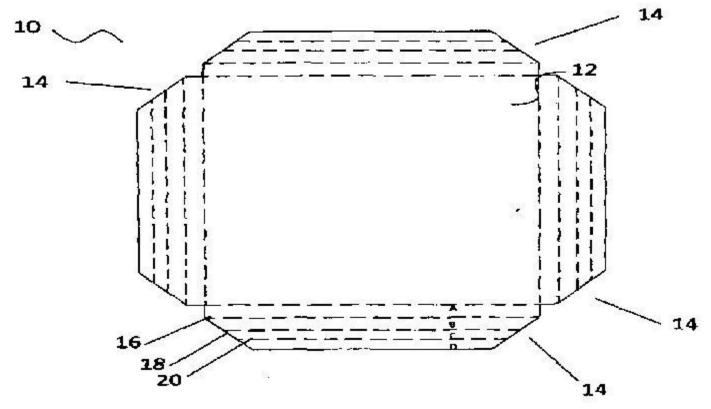
(22) Date of filing of Application :22/02/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A MOUNT FOR ARTWORK.

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:A47G 1/06 :0912842.2 :23/07/2009 :U.K. :PCT/GB2010/001370 :20/07/2010 :WO 2011/010085	(71)Name of Applicant:  1)GMC MARKETING LIMITED  Address of Applicant:54 GOLDSBOROUGH CRESCENT,  LONDON E4 6PZ, GREAT BRITAIN. U.K.  (72)Name of Inventor:  1)RAMOS-GONZALES, MICHAEL  2)CONNELLY, WAYNE
· /		
	:WO 2011/010085	
(61) Patent of Addition to Application Number	:NA	3)PAIN, DAVID
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

A mount for artwork comprising a mounting element being a blank of cardboard or foldable material with a substantially main portion having at least one foldable extension to provide, in use, a three-dimensional mounting structure; an image carrying medium larger than the main portion, and means in use, to adhere the image carrying element to the main portion of the blank such that the image carrying element extends onto at least one foldable extension of the main portion.



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

(21) Application No.1589/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/02/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention: BAG FOR STORING A THERAPEUTIC SOLUTION

(31) Priority Document No :09 (32) Priority Date :24/ (33) Name of priority country :Fra (86) International Application No :PC Filing Date :23/	JA
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## (57) Abstract:

The invention relates to a bag (10) for storing a therapeutic solution, including at least one compartment (11) for receiving a solution and defined by a diaphragm (12). The bag further includes at least one appendage (13) forming an extension of the diaphragm (12) and comprising a writing area (14). The bag for storing a therapeutic solution according to the invention makes it possible to write on the bag with a reduced risk of contamination.

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

(22) Date of filing of Application :26/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : A TRACK SHOE ASSEMBLY FOR A LIGHT TRACKED VEHICLE, AND A METHOD OF ASSEMBLING THEREOF

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:B62D55/28, B62D55/12 :NA :NA :NA :PCT///	(71)Name of Applicant:  1)DIRECTOR GENERAL, DEFENCE RESEARCH &  DEVELOPMENT ORGANISATION (DRDO)  Address of Applicant: Ministry of Defence, Government of India, Room No. 348, B-wing, DRDO Bhawan, Rajaji Marg, New Delhi- 110011, India Delhi India
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date		(72)Name of Inventor: 1)ROOPCHAND JAYARAMAN 2)SIVAKUMAR PALANIVELU

## (57) Abstract:

The present disclosure discloses a track shoe assembly for a light tracked vehicle. The assembly comprises a track link, one or more bosses provisioned on an upper surface of the track link and at least one rubber pad fixed to the track link. The at least one rubber pad is fixed to one or more bosses through a fastening member. At least one reinforcement member is provisioned in the at least one rubber pad. The reinforcement member, contacts the fastening member to dissipate heat generated in the at least one rubber pad. FIGURE 1

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

(22) Date of filing of Application :26/10/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention : COLOURED FLAME RETARDANT SHAPED CELLULOSIC ARTICLE AND PRODUCTS PRODUCED FROM IT $\, \bullet \,$

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:A 769/2010	1)LENZING AG
(32) Priority Date	:06/05/2010	Address of Applicant: Werkstrasse 2 A-4860 Lenzing Austria
(33) Name of priority country	:Austria	(72)Name of Inventor:
(86) International Application No	:PCT/AT2011/000191	1)ALBERT LEITNER
Filing Date	:20/04/2011	2)GERT KRONER
(87) International Publication No	:WO 2011/137470	3)TOM BURROW
(61) Patent of Addition to Application	:NA	4)GABRIELE EMLINGER
Number	:NA	5)ULF MATHES
Filing Date	.11/1	6)PETER WESSELY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The objective of this invention is to enable the production of coloured shaped flame retardant cellulosic articles such as fibres and to use them to produce fabrics and similar items simply and at lower cost than if they were coloured by dyeing after production. A product has been invented that is a fibre which is coloured using an included pigment during its manufacture.

No. of Pages: 18 No. of Claims: 11

(21) Application No.9291/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/10/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention: ORALLY DISITEGRATING TABLET CONTAINING ACARBOSE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:A61K :10 161 114.3 :27/04/2010 :EPO :PCT/EP2011/056587 :26/04/2011 :WO 2011/134962 :NA :NA	(71)Name of Applicant:  1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant: Alfred-Nobel-Str. 10 40789 Monheim Germany (72)Name of Inventor: 1)AXEL SCHNEEWEIS 2)TOBIAS LAICH
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

It was an object of the present invention to provide an orally disintegrating tablet (ODT) for the glycosidase inhibitor acarbose. The object is achieved with an orally disintegrating tablet containing 1-30% acarbose and 40-90% water-soluble carrier. In order to obtain the desired properties, the ingredients have to be precompacted and to be premixed with an insoluble carrier.

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

(22) Date of filing of Application :26/10/2012 (43) Publication Date : 04/03/2016

## (54) Title of the invention: METHOD FOR PRODUCTION OF CHROMATOGRAPHY MEDIA •

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:20/04/2011 :WO 2011/136721 :NA :NA :NA	(71)Name of Applicant:  1)GE HEALTHCARE BIO-SCIENCES AB Address of Applicant: Patent Department Bjrkgatan 30 S-751 84 Uppsala Sweden (72)Name of Inventor: 1)JAN BERGSTROM 2)BO-LENNART JOHANSSON
Filing Date	:NA	

#### (57) Abstract:

The present invention relates to a method and means to produce chromatography media having improved pressureflow properties. More closely, the invention relates to bimodal particle size distribution and the use of layer functionalisation as means to change pressure-flow properties of chromatography media. The invention relates to a method for production of chro - matography media having improved pressure-flow properties, comprising mixing large beads/particles, comprising an inner core and an outer functionalized shell/lid, with smaller beads/particles, wherein the ratio of the particle size of large and small beads: [D50v for large particles/ D50v for small particles] >1.2, and wherein the volume ratio of large and small beads in the column: [Total volume of large beds/Total volume beads] is in the range 0.05 -0.9.

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

(21) Application No.3303/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :26/10/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention : MEHTOD AND APPARATUS FOR BEAM SELECTION FOR MULTIBEAM SATELLITE COMMUNICATIONS SYSTEMS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:H04N :13/284,117 :28/10/2011 :U.S.A. :NA :NA	Address of Applicant :11717 Exploration Lane Germantown MD 20876 USA U.S.A. (72)Name of Inventor : 1)DAVE ROOS
(87) International Publication No	:NA : NA	1)DAVE ROOS 2)GIADIRA VANESSA LEON
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

An apparatus for beam selection for a multibearn satellite communications system including a YSAT with a remote satellite dish for sending and receiving RF signals and processor for calculating a normalized distance metric for user spot beams, selecting the user spot beam with the lowest normalized distance metric, and finding an outroute on the selected user spot beam using the remote satellite dish.

No. of Pages: 34 No. of Claims: 24

(21) Application No.9304/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/10/2012

(43) Publication Date: 04/03/2016

# (54) Title of the invention : PACKAGING FOR ELECTROCHEMICALLY ACTIVE MATERIALS DEVICES MADE THEREFROM AND METHODS OF MAKING THE SAME $\bullet$

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:C07C :12/770,256 :29/04/2010 :U.S.A. :PCT/US2011/034037 :27/04/2011 :WO 2011/139728 :NA :NA	(71)Name of Applicant:  1)CORNING INCORPORATED  Address of Applicant: 1 Riverfront Plaza Corning New York 14831 U.S.A. (72)Name of Inventor:  1)SHRISUDERSAN JAYARAMAN  2)JAMES R. LIM 3)PATRICK AARON PARKS 4)TODD MARSHALL WETHERILL
Filing Date	:NA :NA	

## (57) Abstract:

The disclosure relates to packaging for electrochemically active materials comprising a housing comprising at least one active coating, devices made therefrom, and methods of making the same.

No. of Pages: 19 No. of Claims: 33

(21) Application No.9305/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/10/2012

(43) Publication Date: 04/03/2016

# (54) Title of the invention : EXTRUDABLE PRESSURE SENSITIVE ADHESIVE COMPOSITION AND METHODS FOR PREPARING THE SAME $\bullet$

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:C07C :61/329,207 :29/04/2010 :U.S.A. :PCT/US2011/034270 :28/04/2011 :WO 2011/137217	(71)Name of Applicant:  1)FIRESTONE BUILDING PRODUCTS COMPANY LLC Address of Applicant: 250 West 96th Street Indianapolis Indiana 46260 U.S.A. (72)Name of Inventor:  1)JOHN FIELDHOUSE 2)JIANSHENG TANG
<ul><li>(61) Patent of Addition to Application</li><li>Number</li><li>Filing Date</li></ul>	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

<sup>(57)</sup> Abstract:

A phase-separated polymeric composition comprising a first phase including polyurethane domains; and a second phase including a butyl rubber matrix.

No. of Pages: 36 No. of Claims: 12

(22) Date of filing of Application :29/10/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention: OFF-STATE LIGHT BAFFLE FOR DIGITAL PROJECTION •

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:G06Q :12/770,081 :29/04/2010 :U.S.A. :PCT/US2011/034025 :27/04/2011 :WO 2011/137136 :NA :NA	(71)Name of Applicant:  1)EASTMAN KODAK COMPANY Address of Applicant: 343 State Street Rochester NY 14650- 2201 U.S.A. (72)Name of Inventor: 1)JESSE J. COLEMAN 2)JAMES MAZZARELLA 3)JAMES ROBERT KIRCHER
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A light modulation assembly for a digital projection apparatus comprising: a solidstate light source that provides an illumination beam(18); a spatial light modulator (60) having a plurality of tiltable micro-mirrors (66), each micromirror being actuable to tilt with respect to a tilt axis between a first tilt position (64) that provides on- state light and a second tilt position (65) that provides off-state light, and wherein the micro-mirrors deflect the illumination beam along an arced path defining a deflection plane (67) as they are tilted between the first tilt position and the second tilt position; and a light baffle (30) disposed alongside the optical axis(O) and in the path of the off-state light (23) from the micro-mirrors, the light baffle having a light - trapping surface (54) adapted to absorb the off-state light from the micro-mirrors on the spatial light modulator, the light - trapping surface having a plurality of protruding fins (32) that extend outward from the light - trapping surface at an oblique angl

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

(22) Date of filing of Application :29/10/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention : METHODS AND APPARATUS FOR DELIVERING TISSUE TREATMENT COMPOSITIONS TO STAPLED TISSUE •

(71)Name of Applicant: 1)ETHICON ENDO-SURGERY INC. Address of Applicant: 4545 Creek Road Cincinnati OH (51) International classification :A61B 45242 U.S.A. (31) Priority Document No :12/777,449 (72) Name of Inventor: (32) Priority Date :11/05/2010 1)JOANNE HULL (33) Name of priority country :U.S.A. 2) WELLS D. HABERSTICH (86) International Application No :PCT/US2011/035878 3)STEVEN G. HALL Filing Date :10/05/2011 4)JOHN A. HIBNER (87) International Publication No :WO 2011/143184 5)YOLANDA F. CARTER (61) Patent of Addition to Application :NA 6) JULIA J. HWANG Number :NA 7)FREDERICK E. SHELTON IV Filing Date 8) JOHN B. SCHULTE (62) Divisional to Application Number :NA 9) REBECCA J. MOLLERE Filing Date :NA 10)PATRICK D. DUGAN 11)MICHAEL D. CRONIN 12) JEROME R. MORGAN

#### (57) Abstract:

A surgical stapler includes first and second tissue clamping members and a reservoir configured to hold a tissue treatment composition. The first tissue clamping member is configured to receive a plurality of staples. The second tissue clamping member comprises an anvil configured to form the staples. The reservoir may be provided in a handle portion of the surgical stapler, and a fluid conduit may be used to communicate the tissue treatment composition from the reservoir. An end effector lumen may selectively communicate with the fluid conduit. The lumen may also be in communication with openings to further communicate the tissue treatment composition to tissue or to a scaffold material positioned adjacent to tissue. A reservoir may alternatively be provided in one of the clamping members. A knife member may pierce a housing defining the reservoir, and a resilient member may then urge a tissue treatment composition from the housing.

No. of Pages: 70 No. of Claims: 20

(22) Date of filing of Application :29/10/2012 (43) Publication Date : 04/03/2016

## (54) Title of the invention: ASEPTIC CONNECTOR WITH DEFLECTABLE RING OF CONCERN AND METHOD •

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:05/04/2011 :WO 2011/127074 :NA :NA	(71)Name of Applicant:  1)DANIEL PY Address of Applicant: 1 Helena Avenue Larchmont NY 10538 ST. Vincent and The Grenadiens (72)Name of Inventor: 1)DANIEL PY
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

An aseptic fluid connector having a first connector including a first fluid passageway for receiving a fluid therein; a first port in fluid communication with the first fluid passageway for passage of the fluid therethrough; and a first deflecting member. The first deflecting member includes a first engaging portion radially spaced relative to the first port, and a first valve movable between a closed position and an open position with movement of the first engaging portion between a non-deflected position and a deflected position, respectively, in the non- deflected position, the first valve is located in the closed position forming a fluid-tight seal between the first valve and first port and preventing the passage of fluid therethrough, and in the deflected position, the first valve is located in the open position allowing the aseptic passage of fluid through the first port.

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

(21) Application No.9678/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/10/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: HEAT EXCHANGER

(51) International classification (31) Priority Document No	:F28F1/32 :201310176381.4	(71)Name of Applicant: 1)DANFOSS MICRO CHANNEL HEAT EXCHANGER
(32) Priority Date	:10/05/2013	(JIAXING) CO. LTD.
(33) Name of priority country	:China	Address of Applicant :No.1383 Xiejia Road Haiyan County
(86) International Application No	:PCT/CN2014/077038	Jiaxing Zhejiang 314300 China
Filing Date	:08/05/2014	(72)Name of Inventor:
(87) International Publication No	:WO 2014/180323	1)CHEN Hongbing
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)JIANG Jianlong 3)XU Yang 4)LI Kaiquan
(62) Divisional to Application Number Filing Date	:NA :NA	5)TUCKER Jeffrey Lee

### (57) Abstract:

A heat exchanger (100) comprises a heat exchange tube (10), a fin plate (20), and a ring (30). The fin plate (20) comprises a tubular portion (21), and the ring (30) is used for fixing the tubular portion (21) on the heat exchange tube (10). The heat exchange tube (10) exerts a pressure in an axial direction on tubular portions (21) of multiple fin plates (20) alternately sleeved over the heat exchange tube (10) and multiple rings (30), so that the tubular portion (21) and the ring (30) are fit together with one being sleeved over the other, so as to fix the tubular portions (21) of the multiple fin plates (20) on the heat exchange tube (10). When a heat exchange tube has a relatively small diameter, an expanding technology cannot be used for a connection between a heat exchange tube and a fin plate, and the heat exchanger (100) can avoid a complex brazing process, thereby improving product quality and lowering product fabrication cost and device investment.

No. of Pages: 38 No. of Claims: 18

(21) Application No.9679/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/10/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: LEVEL ENTRY SHOWER SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:14/03/2014 :WO 2014/144298 :NA :NA :NA	(71)Name of Applicant: 1)PHILLIPS Gary R. Address of Applicant:5060 Trademark Drive Raleigh NC 27610 U.S.A. (72)Name of Inventor: 1)PHILLIPS Gary R.
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Providing an easy to install shower tray and drain assembly. The tray comprises a stepped upper surface and a receptor having at least one step for receiving the drain assembly. In certain embodiments, the drain assembly comprises a cup for securing the drain assembly to the receptor and to a drainage pipe, a clamping flange for securing a waterproof floor covering between itself and the cup, at least one seal for providing a watertight seal between the clamping flange and cup. The drain assembly may further comprise a grate, a grate retainer, and an adjuster for adjustably securing the grate retainer to the clamping flange.

No. of Pages: 25 No. of Claims: 17

(21) Application No.9680/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/10/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: METHANATION CATALYST

(31) Priority Document No (32) Priority Date	1:B01J23/755,B01J35/10,C07C1/04 :2013023585 :28/03/2013	1)AGENCY FOR SCIENCE TECHNOLOGY AND RESEARCH
	0 1	Address of Applicant :1 Fusionopolis Way #20 10 Connexis
(86) International Application No Filing Date	:PCT/SG2014/000143 :28/03/2014	Singapore 138632 Singapore 2)IHI CORPORATION (72)Name of Inventor:
(87) International Publication No	:WO 2014/158095	1)CHEN Luwei 2)TIAN Zhi Qun
<ul><li>(61) Patent of Addition to</li><li>Application Number</li><li>Filing Date</li></ul>	:NA :NA	3)BORGNA Armando 4)KAMATA Hiroyuki 5)IZUMI Yoshinori
(62) Divisional to Application Number Filing Date	:NA :NA	

# (57) Abstract:

The invention relates to use of a catalyst comprising particles of nickel dispersed in a porous silica matrix for catalysing a methanation reaction. There is also described a method for methanation of a feedstock at least comprising gases carbon monoxide and hydrogen, said method comprising contacting the feedstock with the catalyst.

No. of Pages: 31 No. of Claims: 27

(21) Application No.9681/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/10/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: REPLICATION TARGET SERVICE

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:G06F7/00 :61/803764 :20/03/2013 :U.S.A. :PCT/US2014/031325 :20/03/2014 :WO 2014/153458 :NA :NA	<ul> <li>(71)Name of Applicant:</li> <li>1)AMAZON TECHNOLOGIES INC.</li> <li>Address of Applicant: P.O. Box 8102 Reno Nevada 89507</li> <li>U.S.A.</li> <li>(72)Name of Inventor:</li> <li>1)CARL Craig Keith</li> </ul>
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#### (57) Abstract:

A data storage service receives commands configured according to a communication protocol, such as a small computer system interface protocol. The commands may be replications of commands sent to a block-level data storage system, such as a storage area network. Data to be written by execution of the commands is persisted using an object-based data storage system. When read commands are received, data blocks can be extracted from the data objects in which they are stored.

No. of Pages: 51 No. of Claims: 15

(21) Application No.9683/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 14/10/2015 (43) Publication Date: 04/03/2016

## (54) Title of the invention: MARKERS OF TUMOR CELL RESPONSE TO ANTI- CANCER THERAPY

(51) International

:C12Q1/68,C07H21/02,C40B30/04 classification (31) Priority Document No :61/812033

:15/04/2013 (32) Priority Date (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2014/034217

:15/04/2014 Filing Date

(87) International Publication :WO 2014/172376

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

(62) Divisional to Application :NA Number Filing Date

:NA

(71)Name of Applicant:

1) REGENERON PHARMACEUTICALS INC. Address of Applicant: 777 Old Saw Mill River Road

Tarrytown NY 10591 U.S.A.

(72) Name of Inventor: 1)FRENDEWEY David

2)DROGUETT Gustavo

3)KOSS Matthew

4)THURSTON Gavin

5)YANCOPOULOS George D.

### (57) Abstract:

Compositions and methods for determining circulating biomolecules before, during, and/or after treatment of a patient with an anticancer or anti-tumor drug (or putative drug) are described. Methods of treatments based on the compositions and methods described herein are also provided. Noninvasive methods and kits are provided for assessing the efficacy of an anti-cancer therapy for killing or damaging cancer cells. Embodiments are used to determine the cancer-killing efficacy of an anti-cancer drug in a patient, to optimize the selection of an anti-cancer drug for treatment of a patient, to adjust the dosage of an anti-cancer drug for treatment of a particular cancer in a patient and for identifying useful anti-cancer therapeutics for any one particular type of cancer.

No. of Pages: 75 No. of Claims: 53

(21) Application No.9684/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/10/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: SENSOR AND METHOD FOR PRODUCING A SENSOR

(51) International classification :G01D11/24,H01L25/16 (71)Name of Applicant : (31) Priority Document No 1)ROBERT BOSCH GMBH :10 2013 206 689.9 (32) Priority Date Address of Applicant :Postfach 30 02 20 70442 Stuttgart :15/04/2013 (33) Name of priority country :Germany Germany (86) International Application No :PCT/EP2014/056898 (72) Name of Inventor: Filing Date :07/04/2014 1)EHRENPFORDT Ricardo (87) International Publication No :WO 2014/170153 2)BRUENDEL Mathias (61) Patent of Addition to Application 3)ANTE Frederik :NA Number 4)KENNTNER Johannes :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

### (57) Abstract:

The invention relates to a sensor (100) having an electronic component or sensor element (102), an electrical circuit (104) for a photovoltaic cell (106) and a housing (108). The sensor element (102) is designed to provide a sensor signal by using electric power, wherein the sensor signal represents at least one measured variable captured by the sensor element (102). The electrical circuit (104) is designed to process the sensor signal to form a data signal by using electric power. The photovoltaic cell (106) is designed to provide the electric power for the sensor element (102) and the electrical circuit (104). The housing (108) contains the sensor element (102), the electrical circuit (104) and the photovoltaic cell (106). The housing (108) has a cutout (110) that contains the photovoltaic cell (106). An edge (112) of the housing (108) that encloses the cutout (110) protrudes beyond the photovoltaic cell (106).

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

(21) Application No.9685/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/10/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: SPACE OPTIMIZING MICRO KEYBOARD METHOD AND APPARATUS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:G06F3/02 :61/799004 :15/03/2013 :U.S.A. :PCT/US2014/031121	(71)Name of Applicant: 1)NORRIS Forbes Holten 3rd Address of Applicant:192 Varsity Ave. Princeton NJ 08540 U.S.A. (72)Name of Inventor:
Filing Date (87) International Publication No	:18/03/2014 :WO 2014/146131	1)NORRIS Forbes Holten 3rd
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A method and apparatus is disclosed for entering text on a computer screen with a virtual keyboard and limited space, such as would be found on a mobile device such as smartphone, tablet, handheld computer or an automobile dashboard, or an appliance with a small screen. The method requires a sequence of events in which text is selected on the virtual keyboard and a last key selected generates a new limited set of responsive keys, potentially based on word completion word fragments, for display on the screen, allowing responsive keys to be dynamically larger, variable in shape, or positioned on the virtual keyboard based on priority and availability of adjacent space to maximize the ease of use of the highest priority responsive keys. The user selects one of the responsive keys to partially complete or complete text entry.

No. of Pages: 53 No. of Claims: 33

(21) Application No.9686/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: TRANSPLANTATION METHODS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No	:G06Q10/00,G06Q50/22,G06Q50/00 :61/788222 :15/03/2013 :U.S.A. :PCT/US2014/030333	(71)Name of Applicant: 1)REES Michael A. Address of Applicant:638 Miami Manor Maumee OH 43537 U.S.A. (72)Name of Inventor: 1)REES Michael A.
Filing Date	:17/03/2014	
(87) International Publication No	:WO 2014/145542	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Methods and systems are provided for transplantation of a biological material to a plurality of recipients from a plurality of donors. One or a series of paired donations are made, where one or more donors and/or recipients can be international in origin. Improved care and cost savings are obtained by shifting time-based burdens; i.e., dialysis versus transplantation. Additional transplants, including transplants involving international participants, results in the improvement of local and global healthcare.

No. of Pages: 43 No. of Claims: 38

(19) INDIA

(22) Date of filing of Application :12/02/2013 (43) Publication Date : 04/03/2016

:WO 2007/014220

(54) Title of the invention: TOOTHBRUSH

(51) International classification:A61C 17/22(31) Priority Document No:60/702,381(32) Priority Date:26/07/2005(33) Name of priority country:U.S.A.

(86) International Application No :PCT/US2006/028871 (72)Name of Inventor : Filing Date :25/07/2006 1)JIMENEZ EDUAR

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

(87) International Publication No

(62) Divisional to Application Number :887/DELNP/2008 Filed on :25/07/2006 (71)Name of Applicant:

1)COLGATE-PALMOLIVE COMPANY

(21) Application No.1313/DELNP/2013 A

Address of Applicant :300 PARK AVENUE, NEW YORK,

NY 10022, USA U.S.A.

1)JIMENEZ EDUARDO JESUS 2)GATZEMEYER JOHN JACOB

3)NA

4)ENDERBY CHRISTINE

5)KAHUTE TRENT

#### (57) Abstract:

An oral care implement, such as an electric toothbrush, is economically configured for the anatomical structures of children. In one embodiment, a toothbrush is provided with three dimensional sections in visually appealing or recognizable shapes for promoting more frequent of brushing by children. In another embodiment, a toothbrush includes user replaceable sections or covers that allow a user to selectively tailor the visual appearance of their own toothbrush or allow for increased exposure of other products by providing surface areas for placement of advertising or other promotional material.

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

(22) Date of filing of Application :08/08/2013 (43) Publication Date : 04/03/2016

# (54) Title of the invention : WELL TOOL ASSEMBLIES WITH QUICK CONNECTORS AND SHOCK MITIGATING CAPABILITIES

(51) International :E21B43/116,E21B43/119,E21B28/00

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

(86) International PCT/US2011/029412
Application No

Filing Date :22/03/2011

(87) International :WO 2012/128759

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

(71)Name of Applicant:

1)HALLIBURTON ENERGY SERVICES INC.

Address of Applicant :10200 Bellaire Boulevard Houston TX

77072 U.S.A.

(72)Name of Inventor:1)HALES John H.2)BURLESON John D.3)MARTINEZ Samuel

# (57) Abstract:

A method can include interconnecting a well tool in a well tool assembly with a shock mitigating connection the interconnecting being performed without threading and positioning the well tool assembly in a wellbore. A well perforating assembly can include at least two perforating devices a detonation train extending through the perforating devices and a shock absorber positioned between the perforating devices. A method of assembling a perforating assembly can include prior to installing the perforating assembly in a wellbore pushing one perforating device connector into another perforating device connector without threading the connectors together thereby: a) preventing disconnection of the connectors and b) making a connection in a detonation train. A well system can include a perforating assembly including multiple perforating guns and multiple shock absorbers. Each shock absorber may be interconnected between at least two of the perforating guns.

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

(21) Application No.9332/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/10/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention: BAR BUNDLER •

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:A47J :12/771,637 :30/04/2010 :U.S.A. :PCT/US2011/032085 :12/04/2011 :WO 2011/139493 :NA :NA	(71)Name of Applicant:  1)SIEMENS INDUSTRY INC.  Address of Applicant: 3333 Old Milton Parkway Alpharetta Georgia 30005-4437 U.S.A. (72)Name of Inventor:  1)T. MICHAEL SHORE  2)S. MARK SHORE  3)XIANCHENG LU
9	:NA :NA	

#### (57) Abstract:

Apparatus for bundling bars comprising an accumulator rotatable about a horizontal axis. The accumulator has a plurality of notches spaced angularly around its axis. A drive rotates the accumulator about its axis to sequentially locate the notches at: a) a first station at which long products are received in the notches and accumulated into batches; b) a second station at which the batches are tied into bundles; and c) a third station at which the bundles are delivered from the notches to a bundle collector.

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

(21) Application No.9334/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/10/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention: OSMIUM (II) ARENE AZO ANTI-CANCER COMPLEXES •

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:A61K :1006762.7 :22/04/2010 :U.K. :PCT/GB2011/000591 :15/04/2011 :WO 2011/131925	(71)Name of Applicant:  1)UNIVERSITY OF WARWICK  Address of Applicant: University House Kirby Corner Road  Coventry CV4 8UW United Kingdom U.K.  (72)Name of Inventor:  1)FU Ying  2)SADLER Peter John
<ul><li>(61) Patent of Addition to Application</li><li>Number</li><li>Filing Date</li><li>(62) Divisional to Application Number</li></ul>	:NA :NA :NA	3)HABTEMARIAM Abraha
Filing Date	:NA	

## (57) Abstract:

The present invention relates to the use of certain osmium containing complexes such as cytotoxic agents particularly for the treatment of cancer. There is also provided novel osmium containing complexes as well as pharmaceutical formulations comprising such complexes.

No. of Pages: 68 No. of Claims: 13

(21) Application No.9697/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention : METHODS AND ARCHITECTURE FOR DETERMINING ACTIVITY AND ACTIVITY TYPES FROM SENSED MOTION SIGNALS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:G08B1/08 :61/801775 :15/03/2013 :U.S.A. :PCT/US2014/029799 :14/03/2014 :WO 2014/145112	(71)Name of Applicant: 1)ALIPHCOM Address of Applicant: Third Floor 99 Rhode Island Street San Francisco California 94103 U.S.A. 2)DONALDSON, Thomas Alan (72)Name of Inventor: 1)DONALDSON Thomas Alan
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	2)20:112200:112110

#### (57) Abstract:

Embodiments of the invention relate generally to electrical and electronic hardware, computer software, wired and wireless network communications, and wearable computing devices for facilitating health and wellness-related information. More specifically, disclosed are systems, methods, devices, computer readable medium, and apparatuses configured to determine activity and activity types, including gestures, from sensed motion signals using, for example, a wearable device (or carried device) and one or more motion sensors. In at least some embodiments, an apparatus can include a wearable housing, and a motion sensor configured to generate a motion sensor signal. The apparatus also may include a motion processor configured to generate intermediate motion signals from the motion sensor signal, and an activity processor configured to identify an activity based on the intermediate motion signals.

No. of Pages: 34 No. of Claims: 20

(22) Date of filing of Application :08/07/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: TORSION BEAM TORSION BEAM ASSEMBLY TORSION BEAM TYPE SUSPENSION DEVICE

### (57) Abstract:

Disclosed is a torsion beam used in a suspension device for an automobile the suspension device being provided with a pair of arm members which extend in the front rear direction of the automobile the arm members being connected in a pivotable manner to the body of the automobile the arm members allowing wheels to be rotatably mounted thereto. The torsion beam has formed therein a recess extending in the longitudinal direction and as a result the torsion beam has first and second legs in a plane perpendicular to the longitudinal direction thereby forming a substantially V shaped cross sectional shape. The torsion beam is provided with: connection sections which are provided at opposite ends of the torsion beam and which are joined to the arm members; a constant shape section which is provided at the longitudinal center of the torsion beam; and asymmetric shape sections which are provided between the constant shape section and the connection sections. In the asymmetric shape sections the depth of the recess gradually increases from the connection sections toward the constant shape section and the first leg section has a greater width than the second leg section.

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

(21) Application No.5982/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/07/2015

(43) Publication Date: 04/03/2016

# (54) Title of the invention : ANTICORROSIVE COATING COMPOSITION ANTICORROSIVE COATING FILM AND METHOD FOR PREVENTING CORROSION OF BASE MATERIAL

(51) International classification	:C09D163/00,B32B27/30,B32B27/38	(71)Name of Applicant: 1)CHUGOKU MARINE PAINTS LTD.
(31) Priority Document No	:2013047037	Address of Applicant :1 7 Meijishinkai Otake shi Hiroshima
(32) Priority Date	:08/03/2013	7390652 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor: 1)WAKISAKA Shingo
(86) International Application No Filing Date	:PCT/JP2014/055399 :04/03/2014	2)SUMIDA Tomohisa 3)NAKAMURA Naoya
(87) International Publication No	:WO 2014/136753	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA :NA	

## (57) Abstract:

Filing Date

An anticorrosive coating composition comprising an epoxy resin (a) a curing agent (b) an amide wax (c) and a liquid acrylic polymer (d) that includes a structural unit derived from an acrylate having a C4 18 alkyl group.

No. of Pages: 67 No. of Claims: 13

(21) Application No.9320/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/10/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention: NITROIMIDAZOLE DERIVATIVES •

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> </ul>	:C07C :1251/DEL/2010 :31/05/2010 :India :PCT/EP2011/058938 :31/05/2011 :WO 2011/151320 :NA :NA	(71)Name of Applicant:  1)GE HEALTHCARE LIMITED  Address of Applicant: Amersham Place Little Chalfont Buckinghamshire HP7 9NA United Kingdom U.K. (72)Name of Inventor:  1)VIJAYA RAJ KUNIYIL KULANGARA 2)CHANDAN RAMASWAMY ATREYA
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

The present invention provides novel compounds useful in the treatment and diagnosis of mycobacterial infections. Compounds of the present invention have enhanced biological properties as compared to the related known compounds. The present invention also provides a precursor compound useful in the synthesis of certain compounds of the invention, and a method to obtain these compounds using said precursor compound. Methods of treatment and diagnosis in which the compounds of the invention find use are also provided.

No. of Pages: 32 No. of Claims: 29

(21) Application No.9690/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: METHOD FOR RESOURCE DECOMPOSITION AND RELATED DEVICES

(51) International classification	:G06F17/30,G06N5/02	(71)Name of Applicant:
(31) Priority Document No	:61/792181	1)BOBICK Mark
(32) Priority Date	:15/03/2013	Address of Applicant :236 Wayne Avenue Indialantic Florida
(33) Name of priority country	:U.S.A.	32903 U.S.A.
(86) International Application No	:PCT/US2014/028916	(72)Name of Inventor:
Filing Date	:14/03/2014	1)BOBICK Mark
(87) International Publication No	:WO 2014/144490	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A method for identifying knowledge may include decomposing textual resources into a sequence of textual fragments, and searching the sequence of textual fragments for a match to a relational pattern including first and second tokens, and a word based relational bond therebetween. The searching may include searching each textual fragment of the sequence of textual fragments for a match to the word based relational bond, and when a given textual fragment matches the word based relational bond, determining whether the given textual fragment also matches the first and second tokens. The method may include when the given textual fragment also matches the first and second tokens, generating a node having the first and second tokens and the word based relational bond therebetween, and storing the node in a node pool.

No. of Pages: 155 No. of Claims: 23

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: ON-BOARD TOOL TRACKING SYSTEM AND METHODS OF COMPUTER ASSISTED SURGERY

(51) International classification	:A61B19/00,G06T7/20	(71)Name of Applicant:
(31) Priority Document No	:61/799656	1)TRAK SURGICAL INC.
(32) Priority Date	:15/03/2013	Address of Applicant :541 Jefferson Avenue Suite 100
(33) Name of priority country	:U.S.A.	Redwood City CA 94063 U.S.A.
(86) International Application No	:PCT/US2014/029334	2)BOARD OF REGENTS OF THE UNIVERSITY OF
Filing Date	:14/03/2014	NEBRASKA
(87) International Publication No	:WO 2014/144780	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)HAIDER Hani
Number	:NA	2)AL SHAWI Ibrahim
Filing Date	.IVA	3)BARRERA Osvaldo Andres
(62) Divisional to Application Number	:NA	4)SAUNDERS David Scott
Filing Date	:NA	

#### (57) Abstract:

A number of improvements are provided relating to computer aided surgery utilizing an on tool tracking system. The various improvements relate generally to both the methods used during computer aided surgery and the devices used during such procedures. Other improvements relate to the structure of the tools used during a procedure and how the tools can be controlled using the OTT device. Still other improvements relate to methods of providing feedback during a procedure to improve either the efficiency or quality, or both, for a procedure including the rate of and type of data processed depending upon a CAS mode.

No. of Pages: 395 No. of Claims: 573

(22) Date of filing of Application :08/07/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: INTERFACE HAVING EARTH FAULT CURRENT

(51) International classification	:H02H9/02,H01H77/06	(71)Name of Applicant:
(31) Priority Document No	:120838	1)MEKIMAH Djamel
(32) Priority Date	:09/12/2012	Address of Applicant :Bt 7 Appt 5 Cit des 460 Logts El
(33) Name of priority country	:Algeria	Harrouche 21400 Skikda Algeria
(86) International Application No	:PCT/DZ2013/000006	(72)Name of Inventor:
Filing Date	:07/11/2013	1)MEKIMAH Djamel
(87) International Publication No	:WO 2014/086378	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.ivA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The invention concerns an interface for cutting off the power supply for any fault current Id = 300 milliamperes such that: Id= IPE + k.Ih where IPE represents the current returning to the power source via the protective conductor connecting the exposed conductive parts to earth and Ih ( = 10 or 30 milliamperes) represents the current returning to the power source by means other than via the protective conductor or via an active conductor. Current Ih is therefore likely to travel through a person. In this way the interface protects people and property against ground insulation faults and against certain direct contacts independently of the earth of the exposed conductive parts and of external conditions. It also protects people in the event of a failure in the protection of an area using the same earth in case of a fault.

No. of Pages: 18 No. of Claims: 15

(22) Date of filing of Application :08/07/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention : DRIVE ARRANGEMENT FOR AN ASSEMBLY OF AN INTERNAL COMBUSTION ENGINE AND EXHAUST GAS RECIRCULATION VALVE

(51) International classification: H02K5/24,F02M25/07,F16K1/22 (71) Name of Applicant: (31) Priority Document No :10 2013 101 938.2 1)PIERBURG GMBH (32) Priority Date :27/02/2013 Address of Applicant : Alfred Pierburg Strae 1 41460 Neuss (33) Name of priority country :Germany (86) International Application (72)Name of Inventor: :PCT/EP2014/051139 1)SARI Osman :21/01/2014 Filing Date 2)SIMONS Norbert (87) International Publication 3)SABIC Robert :WO 2014/131558 4)BOHNEN Manfred (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

## (57) Abstract:

Drive arrangements for assemblies of an internal combustion engine in particular for exhaust gas recirculation valves having a drive element (12) a housing (10) and an intermediate element (64) that is arranged so as to be preloaded between the drive element (12) and the housing (10) are known. To achieve all round vibration decoupling of the drive element it is proposed that the housing (10) have a static receiving part (32) and a cover (38) fastened thereon which cover bears axially against a stop (60) on the static receiving part (32) wherein the intermediate element (64) is arranged radially between the cover (38) and the drive element (12) and so as to be elastically deformed axially between the drive element (12) and the cover (38) such that in the case of an exhaust gas recirculation valve the electric motor (12) is loaded axially against a drive side bearing bracket (42) which is formed on the housing (10) by the spring force of an elastically deformed intermediate element (64) and is mounted in the cover (38) radially by means of the intermediate element (64).

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

(22) Date of filing of Application :08/07/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: HYDROGEN SULFIDE REMOVAL FROM ANAEROBIC TREATMENT

(86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (86) International Application No Signature (12) Name of Inventor: (13) Name of Inventor: (14) Name of Inventor: (15) Name of Inventor: (16) Name of Inventor: (18) Name of Invento	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:20/12/2013 :WO 2014/104877 :NA :NA :NA	1)VAN DER HEIJDEN Petrus Cornelis 2)BRUINS Jan Willem Albertus 3)HUISMAN Jacco
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#### (57) Abstract:

Hydrogen sulfide can be removed from a liquid effluent of an anaerobic reactor by subsequently: contacting the effluent liquid in counter current with a treated product gas of the anaerobic reactor to absorb hydrogen sulfide in the gas collecting the desulfurised effluent liquid after said contacting discharging at least part of the collected desulfurised effluent recirculation liquid as a treated effluent. To a remaining part of the desulfurised effluent waste water can be added and mixed and the mixed water can be fedto the anaerobic reactor. Spent gas of the contacting step can be combined with sulfide containing product gas of the anaerobic reactor and treated by desulfurisation.

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

(21) Application No.9706/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: DETERMINING ACTIVITIES FROM SENSED MOTION SIGNALS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:A61B5/11 :61/801775 :15/03/2013 :U.S.A. :PCT/US2014/030880 :17/03/2014 :WO 2014/146011 :NA :NA	(71)Name of Applicant:  1)ALIPHCOM  Address of Applicant: Third Floor 99 Rhode Island Street San Francisco California 94103 U.S.A.  2)DONALDSON, Thomas Alan (72)Name of Inventor:  1)DONALDSON Thomas Alan
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Embodiments of the invention relate generally to electrical and electronic hardware, computer software, wired and wireless network communications, and wearable computing devices for facilitating health and wellness-related information. More specifically, disclosed are systems, methods, devices, computer readable medium, and apparatuses configured to determine activity and activity types, including gestures, from sensed motion signals using, for example, a wearable device (or carried device) and one or more motion sensors. In at least some embodiments, an apparatus can include a wearable housing, and a motion sensor configured to generate a motion sensor signal. The apparatus also may include a motion processor con figured to generate intermediate motion signals from the motion sensor signal, and an activity processor configured to identify an activity based on the intermediate motion signals.

No. of Pages: 47 No. of Claims: 20

(21) Application No.10729/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/11/2015 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: STOP CONTROL DEVICE OF VEHICLE

:NA

:NA

(51) International classification: B62D6/00,B60L9/18,B60W10/08 (71) Name of Applicant: 1)NTN CORPORATION (31) Priority Document No :2013114949 (32) Priority Date :31/05/2013 Address of Applicant: 3 17 Kyomachibori 1 chome Nishi ku (33) Name of priority country Osaka shi Osaka 5500003 Japan :Japan (72) Name of Inventor: (86) International Application :PCT/JP2014/063552 1)MATSUOKA Daisuke No :22/05/2014 Filing Date (87) International Publication :WO 2014/192623 (61) Patent of Addition to :NA **Application Number** :NA

### (57) Abstract:

Number

Filing Date

Filing Date

(62) Divisional to Application

Provided is a stop control device of a vehicle capable of steering all vehicle wheels individually and capable of an abnormal form of travel in which the vehicle is prevented from moving in an undesirable manner when the travel mode is switched. Control modes for selecting forms of action combinations using a steering device (4) and a travel drive mechanism (5) include a lateral direction movement mode an on the spot rotation mode a normal travel mode and a parking mode and a travel mode switching means (41) capable of switching between these modes is provided. A steering timing staggering means (32c) is provided the steering timing staggering means (32c) staggering the timing of steering at least one wheel of all the vehicle wheels (1 2) from the timing of steering the other vehicle wheels when the mode is switched by the travel mode switching means (41).

No. of Pages: 32 No. of Claims: 5

(21) Application No.1260/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 11/02/2013 (43) Publication Date: 04/03/2016

## (54) Title of the invention: INTEGRATED FIN BASED FIELD EFFECT TRANSISTOR (FINFET) AND METHOD OF FABRICATION OF SAME

(51) International :H01L29/78,H01L21/336,H01L21/84 classification

(31) Priority Document No :12/848744 (32) Priority Date :02/08/2010

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

country

(86) International :PCT/US2011/046230 Application No

:02/08/2011 Filing Date

(87) International :WO 2012/018789 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)ADVANCED MICRO DEVICES INC.

Address of Applicant :One AMD Place Sunnyvale CA 94088

(72) Name of Inventor: 1)SCHULTZ Richard T.

(57) Abstract:

An integrated fin based field effect transistor (FinFET) and method of fabricating such devices on a bulk wafer with EPI defined fin heights over shallow trench isolation (STI) regions. The FinFET channels overlie the STI regions within the semiconductor bulk while the fins extend beyond the STI regions into the source and drain regions which are implanted within the semiconductor bulk. With bulk source and drain regions reduced external FinFET resistance is provided and with the fins extending into the bulk source and drain regions improved thermal properties is provided over conventional silicon on insulator (SOI) devices.

No. of Pages: 52 No. of Claims: 18

(22) Date of filing of Application :01/09/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: BIOREMEDIATION OF REACTIVE DYES WITH PAENIBACILLUS SP.

(51) International classification	:C12N1/20	(71)Name of Applicant :
(31) Priority Document No	:NA	1)General Shivdev Singh Diwan Gurbachan Singh Khalsa
(32) Priority Date	:NA	College
(33) Name of priority country	:NA	Address of Applicant :General Shivdev Singh Diwan
(86) International Application No	:NA	Gurbachan Singh Khalsa College, Badungar Road, Patiala,
Filing Date	:NA	Punjab, India Punjab India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Sarabjeet Singh Ahluwalia
Filing Date	:NA	2)Anamika Pokharia
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The present invention relates to a novel process for decolonization of colored effluent of textile mills, dye making industries, paper and pulp industries using a novel bacterial sp., isolated from dye contaminated soil and deposited in Microbial Type Culture Collection and Gene Bank, Institute of Microbial Technology, Chandigarh (India) under the accession number MTCC 10625. Current invention discloses specifically undiscovered activities of the Paenibacillus alvei MTCC 10625 in decolorization of reactive dyes from aqueous synthetic solution and wastewater. The accompanied process invention shows that simple biological treatment could also produce consistently effective results in treating wide spectrum of dye wastewater under greatly varied conditions.

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

(21) Application No.9710/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 15/10/2015 (43) Publication Date: 04/03/2016

(54) Title of the invention : AN ENERGY HARVESTER FOR CONVERTING VIBRATIONAL MOTION OF A VIBRATING EQUIPMENT INTO ELECTRICAL ENERGY, AND A DEVICE FOR MONITORING THE OPERATION OF A VIBRATING EQUIPMENT

(51) International classification	:H02N2/18	(71)Name of Applicant:
(31) Priority Document No	:13/856675	1)METSO MINERALS INDUSTRIES INC.
(32) Priority Date	:04/04/2013	Address of Applicant :20965 Crossroads Circle Waukesha
(33) Name of priority country	:U.S.A.	Wisconsin 53186 U.S.A.
(86) International Application No	:PCT/IB2014/059524	(72)Name of Inventor:
Filing Date	:07/03/2014	1)BACHMANN Jan F.
(87) International Publication No	:WO 2014/162216	2)KRAMLICH Eugen
(61) Patent of Addition to Application	:NA	3)WURST Helge B.
Number	:NA	4)PARKER Kami
Filing Date	.IVA	5)SNYDER Scott
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(FE) A1		

## (57) Abstract:

The invention relates to an energy harvester (1) for converting vibrational motion of a vibrating equipment (2) into electrical energy. The energy harvester (1) comprises a pendulum (3) arranged to be pivotably attached to said vibrating equipment (2), a motion limiter (4) arranged to limit a pivoting motion of said pendulum (3), and a generator (5) connected to said pendulum (3) and arranged to convert said pivoting motion into electrical energy. The vibrational motion has an operating frequency, and said pendulum (3) has a natural frequency different from said operating frequency. The invention also relates to a device (17) for monitoring the operation of a vibrating equipment (2).

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

(21) Application No.9692/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: ADVERSE EVENT- RESILIENT NETWORK SYSTEM

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:H01L35/02 :13/835373 :15/03/2013	(71)Name of Applicant:  1)BERETICH Thomas  Address of Applicant: P.O.Box 686 Yarmouth Maine 04096
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2014/028716	(72)Name of Inventor:
Filing Date	:14/03/2014	1)BERETICH Thomas
(87) International Publication No	:WO 2014/144350	
<ul><li>(61) Patent of Addition to Application</li><li>Number</li><li>Filing Date</li></ul>	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

An adverse event-resilient network system consisting of autonomously powered and mobile nodes in communication with each other either through radio, light or other electromagnetic signals or through a physical connection such as through wiring, cables or other physical connected methods capable of carrying information and communication signals. The nodes powered by an energy generator comprising multiple data, information and voice gathering, receiving and emitting devices as well as mechanical, optical and propulsion devices.

No. of Pages: 34 No. of Claims: 3

(21) Application No.9693/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: FIRE EXTINGUISHING EQUIPMENT

(51) International classification	:A62C37/40,A62C35/11	(71)Name of Applicant:
(31) Priority Document No	:2013143076	1)IHI CORPORATION
(32) Priority Date	:08/07/2013	Address of Applicant :1 1 Toyosu 3 chome Koto ku Tokyo
(33) Name of priority country	:Japan	1358710 Japan
(86) International Application No	:PCT/JP2014/067874	(72)Name of Inventor:
Filing Date	:04/07/2014	1)TSUTAKI Shigeo
(87) International Publication No	:WO 2015/005233	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The fire extinguisning equipment is equipped with: a fire extinguishing unit (1) for transmitting electromagnetic waves in a specified output direction and emitting a powdered fire extinguishing agent; infrared ray receivers (2) provided on each plant machine (U1 - U6) for receiving said electromagnetic waves; and a central control unit (4) for causing the fire extinguishing unit (1) to initiate the emission of the powdered fire extinguishing agent when an infrared ray receiver (2) receives the electromagnetic waves as a result of the output direction being set in the direction of a plant machine (U1 - U6). Said configuration makes it possible to provide fire extinguishing equipment that is capable of performing fire extinguishing activity more precisely and quickly than in the past.

No. of Pages: 23 No. of Claims: 8

(21) Application No.9694/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: PERFUME SYSTEMS

(51) International :C11B9/00,C07D319/06,C07D307/58 classification

(31) Priority Document No :61/815321 (32) Priority Date :24/04/2013

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

country

(86) International :PCT/US2014/034765 Application No

:21/04/2014 Filing Date

(87) International

:WO 2014/176151 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)THE PROCTER & GAMBLE COMPANY

Address of Applicant :One Procter & Gamble Plaza Cincinnati

Ohio 45202 U.S.A. (72) Name of Inventor:

1)SMETS Johan

2)BLONDIN Patricia Ann

3)DENUTTE Hugo Robert Germain

4)EGGER Bernard

5)PICKENAGEN Wilhem

### (57) Abstract:

The present application relates to perfume delivery systems and consumer products comprising such perfume delivery systems, as well as processes for making and using such perfume delivery systems and consumer products. Such perfume delivery systems, disclosed herein expand the perfume communities options as such materials can provide variations on character and such compositions can provide desired odor profiles. The perfume delivery systems comprise a compound selected from 2-benzyl-4-isopropyl-5- dimethyl-1,3-dioxane and Furaneol carbonate; stereoisomers and mixtures thereof.

No. of Pages: 41 No. of Claims: 8

(21) Application No.9695/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: ABSORBENT ARTICLE

(51) International :A61F13/15,A61F13/49,A61F13/496 classification

(31) Priority Document No :2013152517 :23/07/2013 (32) Priority Date

(33) Name of priority :Japan

country

(86) International :PCT/JP2014/067885

Application No :04/07/2014 Filing Date

(87) International

:WO 2014/192982 Publication No

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

:NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)UNICHARM CORPORATION

Address of Applicant: 182 Kinseichoshimobun Shikokuchuo

shi Ehime 7990111 Japan (72)Name of Inventor: 1)SAITO Kvota

2)PICHADKITJAWAT Sarinee

3)BUNROD Natthakarn

4)CHANGCHAROEN Jirapa

### (57) Abstract:

An absorbent article in which elastic members in a first region, where no illustrated sheet etc. is provided, are made to overlap a first colored section of an absorbent body, said section having a different color: from the color of the elastic members when viewed from the non-skin side of the absorbent article, in order to suppress the creasing of a second colored section, such as an illustrated sheet etc., provided at the center of a band member in the horizontal direction so as to make the second colored section easily visible, and to make i t easy to discern that the elastic members, which contribute to the fit, are contiguous along the horizontal direction.

No. of Pages: 49 No. of Claims: 9

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: IDENTIFICATION OF MOTION CHARACTERISTICS TO DETERMINE ACTIVITY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:G01P15/00 :61/802303 :15/03/2013 :U.S.A. :PCT/US2014/029820 :14/03/2014 :WO 2014/145122 :NA :NA	(71)Name of Applicant: 1)ALIPHCOM Address of Applicant: Third Floor 99 Rhode Island Street San Francisco California 94103 U.S.A. 2)DONALDSON, Thomas Alan (72)Name of Inventor: 1)DONALDSON Thomas Alan
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Embodiments of the relate generally to electrical and electronic hardware, computer software, wired and wireless network communications, and wearable computing devices for facilitating health and wellness-related information. More specifically, disclosed are systems, methods, devices, computer readable medium, and apparatuses configured to determine activity and activity types, including gestures, from sensed motion signals using, for example, a wearable device (or carried device) and one or more motion sensors. In some embodiments, a method can include receiving data representing a motion sensor signal from a motion sensor disposed in a wearable device, and generating intermediate motion signals from the motion sensor signal. The method also can include identifying characteristics of motion based on the intermediate motion signals to form motion characteristics data, and determining an activity based the motion characteristics data.

No. of Pages: 34 No. of Claims: 20

(21) Application No.9700/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: AROMATICS ALKYLATION PROCESS

:NA

:NA

(51) International classification :C07C2/66,C07C7/12,C07C15/04 (71) Name of Applicant: 1)BADGER LICENSING LLC (31) Priority Document No :NA (32) Priority Date Address of Applicant :1 Financial Center Boston :NA (33) Name of priority country Massachusetts 02111 U.S.A. :NA (72)Name of Inventor: (86) International Application :PCT/US2013/040082 No 1)HWANG Shvh Yuan H. :08/05/2013 Filing Date 2) JOHNSON Dana E. (87) International Publication :WO 2014/182294 (61) Patent of Addition to :NA **Application Number** :NA Filing Date

#### (57) Abstract:

Filing Date

Number

(62) Divisional to Application

In an aromatics alkylation process, an aromatic hydrocarbon feedstock comprising an alkylatable aromatic hydrocarbon, at least 150 ppm by weight water and at least one organic nitrogen impurity is supplied to a dehydration zone where water is removed from the aromatic hydrocarbon feedstock to provide a dehydrated aromatic feedstock having a water content of no more than 20 ppm by weight. The dehydrated aromatic feedstock is then contacted with a clay adsorbent under conditions including a temperature less than 130°C such that the adsorbent removes at least part of the organic nitrogen impurity contained in the feedstock and produces a treated aromatic feedstock. The treated aromatic feedstock is then supplied to an alkylation reaction zone and/or a transalkylation reaction zone.

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

(21) Application No.9701/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: CHASSIS FRAME FOR A RAIL VEHICLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:B61F5/24 :A50298/2013 :02/05/2013 :Austria :PCT/EP2014/058076 :22/04/2014 :WO 2014/177416 :NA	(71)Name of Applicant:  1)SIEMENS AG –STERREICH  Address of Applicant: Siemensstrae 90 A 1210 Wien Austria (72)Name of Inventor:  1)KARNER Christian
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

The invention relates to a chassis frame for a rail vehicle having at least two bearing blocks (13) for bearing a torsion bar (3) of a roll stabilizer. In order to prevent an enlarging of the overall height by a torsion bar mounted on the roll stabilizer, according to the invention there are openings in the longitudinal beams (8) of the chassis frame which can receive a torsion bar (3) if the torsion bar (3) is mounted in the bearing blocks (13).

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

(22) Date of filing of Application :15/10/2015 (43) Publication Date: 04/03/2016

## (54) Title of the invention: LISTENING OPTIMIZATION FOR CROSS TALK CANCELLED AUDIO

(51) International classification :G11B7/00,G10K11/16,H04R1/00 (71)Name of Applicant:

:14/03/2014

(31) Priority Document No :61/786445 (32) Priority Date :15/03/2013 (33) Name of priority country :U.S.A.

:PCT/US2014/029840

(86) International Application No

Filing Date

(87) International Publication

:WO 2014/145133

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

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

1)ALIPHCOM

Address of Applicant: Third Floor 99 Rhode Island Street San

Francisco California 94103 U.S.A.

2)HALL, James

3)DONALDSON, Thomas Alan

(72)Name of Inventor:

1)HALL James

2)DONALDSON Thomas Alan

#### (57) Abstract:

Various embodiments relate generally to electrical and electronic hardware, computer software, wired and wireless network communications, and audio and speaker systems. More specifically, disclosed are an apparatus and a method for processing signals for optimizing audio, such as 3D audio, by adjusting the filtering for cross talk cancellation based on listener position and/or orientation. In one embodiment, an apparatus is configured to include a plurality of transducers, a memory, and a processor configured to execute instructions to determine a physical characteristic of a listener relative to the origination of the multiple channels of audio, to cancel crosstalk in a spatial region coincident with the listener at a first location, to detect a change in the physical characteristic of the listener, and to adjust the cancellation of crosstalk responsive to detecting the change in the physical characteristic to establish another spatial region at a second location.

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

(21) Application No.9703/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: CLOSURE HAVING A MANDREL FOR A CONTAINER

:B65D47/24,B65D51/28 (71)Name of Applicant : (51) International classification 1)VICAP SYSTEMS EUROPE ASIA AG (31) Priority Document No :10 2013 205 241.3 (32) Priority Date Address of Applicant : Jchler Weg 4D CH 6340 Baar :25/03/2013 (33) Name of priority country :Germany Switzerland (86) International Application No :PCT/EP2014/055859 (72) Name of Inventor: Filing Date :24/03/2014 1)WILFINGER Roger Franz (87) International Publication No :WO 2014/154642 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

### (57) Abstract:

The invention relates to a method for producing a mandrel (1) for a Container closure, characterized in that the mandrel (1) is first produced in an injection moulding process and separately therefrom at least one seal (2) is produced and thereafter fixed on the mandrel (1), or that the mandrel (1) is first produced in an injection moulding tool by injection moulding process and at least one seal (2) is produced from a different material in the same injection moulding tool, likewise in an injection moulding process.

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

(22) Date of filing of Application: 15/10/2015 (43) Publication Date: 04/03/2016

# (54) Title of the invention : MODULAR MOTOR DRIVEN SURGICAL INSTRUMENTS WITH STATUS INDICATION ARRANGEMENTS

(51) International classification (71)Name of Applicant: :A61B17/072 (31) Priority Document No 1)ETHICON ENDO SURGERY INC. :61/812365 (32) Priority Date Address of Applicant: 4545 Creek Road Cincinnati Ohio :16/04/2013 (33) Name of priority country :U.S.A. 45242 U.S.A. (86) International Application No :PCT/US2014/033901 (72)Name of Inventor : Filing Date :12/04/2014 1)KIMSEY John S. (87) International Publication No :WO 2014/172216 2)NALAGATLA Anil K. (61) Patent of Addition to Application 3)SHELTON IV Frederick E. :NA Number 4)HOUSER Kevin L. :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

A surgical end effector for use in connection with a surgical instrument. In one form the end effector includes an end effector housing that is configured for operable attachment to the surgical instrument. A first end effector drive system is configured to linearly move a first end effector actuator between a first linear position and a second linear position in response to first rotary motions applied thereto by the surgical instrument. A second end effector drive system is configured to linearly move a second end effector actuator between a beginning and ending position in response to second rotary motions applied thereto by the surgical instrument. The instrument further includes a status assembly arrangement for provide an indication on the end effector housing of a linear location of at least one of the first and second end effector actuators.

No. of Pages: 249 No. of Claims: 20

(21) Application No.9711/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 15/10/2015 (43) Publication Date: 04/03/2016

## (54) Title of the invention: INTERMEDIATE MOTION SIGNAL EXTRACTION TO DETERMINE ACTIVITY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> </ul>	:G01P15/00 :61/802171 :15/03/2013 :U.S.A. :PCT/US2014/030861 :17/03/2014 :WO 2014/145994 :NA	(71)Name of Applicant: 1)ALIPHCOM Address of Applicant: Third Floor 99 Rhode Island Street San Francisco CA 94103 U.S.A. 2)DONALDSON, Thomas, Alan (72)Name of Inventor: 1)DONALDSON Thomas Alan
(61) Patent of Addition to Application		1)DONALDSON Thomas Alan
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

Embodiments of the relate generally to electrical and electronic hardware, computer software, wired and wireless network communications, and wearable computing devices for facilitating health and wellness-related information. More specifically, disclosed are systems, methods, devices, computer readable medium, and apparatuses configured to determine activity and activity types, including gestures, from sensed motion signals using, for example, a wearable device (or carried device) and one or more motion sensors. In some embodiments, a method can include receiving data representing a motion sensor signal from a motion sensor disposed in a wearable device, and generating intermediate motion signals from the motion sensor signal. The method can also include separating the motion sensor signal at a processor to form one or more constituent components, and identifying an activity based on at least one of the intermediate motion signals and at least one of the one or more constituent components.

No. of Pages: 34 No. of Claims: 20

(21) Application No.9712/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention : WHEELSET BEARING FOR THE WHEELSET OF A RAIL VEHICLE HAVING INTERNALLY MOUNTED TRUCK

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:B61F5/24 :A 50297/2013 :02/05/2013 :Austria :PCT/EP2014/058078 :22/04/2014 :WO 2014/177417 :NA :NA	(71)Name of Applicant:  1)SIEMENS AG –STERREICH Address of Applicant:Siemensstrae 90 A 1210 Wien Austria (72)Name of Inventor:  1)KREUZWEGER David 2)KTER Christian 3)TEICHMANN Martin
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The invention relates to a wheelset bearing for the wheelset (2, 3) of a rail vehicle having an internally mounted truck, comprising one bearing housing (7) per side of the wheelset (2, 3) which encloses the wheelset bearing (11) for the wheelset, wherein the wheelset bearing (11) and bearing housing (7) are within the wheels (3) in an installed State and a torsion spring (1) serving as a roll stabilizer which is connected to the bearing housing. In order to implement roll stabilization for the wheelsets which is as technically simple as possible, according to the invention the torsion Springs (1) are rigidly connected to one bearing housing (7) each on the two ends thereof - without interconnection of draw-pressure rods.

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

(21) Application No.9713/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date: 04/03/2016

## (54) Title of the invention: PROXIMITY SENSING DEVICE CONTROL ARCHITECTURE AND COMMUNICATION

(51) International :H04W80/04,H04W80/06,G06F13/12 classification

:17/03/2014

:PCT/US2014/030865

:WO 2014/145998

(31) Priority Document No :61/802344 (32) Priority Date :15/03/2013

(33) Name of priority country

:U.S.A.

(86) International

Application No Filing Date

(87) International

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)ALIPHCOM

Address of Applicant: Third Floor 99 Rhode Island Street San

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2)LUNA, Michael Edward Smith

3)PANG.Hawk Yin (72)Name of Inventor:

1)LUNA Michael Edward Smith

2)PANG Hawk Yin

## (57) Abstract:

Mobile device speaker control may include: monitoring one or more devices coupled (e.g., wired or wirelessly) with a data network, receiving one or more data packets from each of the one or more devices, filtering received data packets by evaluating a received signal strength (e.g., RSSI) of the received packets. The received packets may be ordered in a priority based on a value, and comparing the received signal strength of each of the received packets to a threshold to determine whether the one or o more devices are to perform an action; and/or detecting a device within a proximity of a speaker box coupled with a data network, filtering a data packet received from the device to determine a received signal strength associated with the device, comparing the received signal strength to a threshold, and determining whether an action is to be performed based on a result of the comparing.

No. of Pages: 47 No. of Claims: 20

(21) Application No.9714/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: PROXIMITY SENSING DEVICE CONTROL ARCHITECTURE AND DATA COMMUNICATION PROTOCOL

:H04L12/66,G06F13/00 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/802344 1)ALIPHCOM (32) Priority Date Address of Applicant: Third Floor 99 Rhode Island Street San :15/03/2013 (33) Name of priority country Francisco California 94103 U.S.A. :U.S.A. (86) International Application No :PCT/US2014/030870 (72) Name of Inventor: Filing Date :17/03/2014 1)LUNA Michael Edward Smith (87) International Publication No :WO 2014/146002 2)PANG Hawk Yin (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

Mobile device speaker control may include: monitoring one or more devices wirelessly coupled with a data network, receiving one or more data packets from each of the one or more devices, filtering received data packets by evaluating a received signal strength (e.g., RSSI) of the received packets, comparing the received signal strength of each of the received packets to a threshold to determine whether the one or more devices are to per form an action, and performing the action only if one or more indicia other than the received signal strength indicate a near field proximity within the threshold or a direct physical contact between a wireless device receiving the data packets and one of the one or more devices that is wirelessly transmitting the data packets.

No. of Pages: 65 No. of Claims: 20

(21) Application No.515/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :22/02/2012 (43) Publication Date : 04/03/2016

## (54) Title of the invention: METHOD AND APPARATUS FOR MULTI PURPOSE USE OF WATER TURBINE

(51) International classification	:C12L	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SURENDER KUMAR SHARMA
(32) Priority Date	:NA	Address of Applicant :VILLAGE JATOULA, POST OFFICE
(33) Name of priority country	:NA	SAIDPUR, TEHSIL KHAR KHODA DISTT. SONEPAT,
(86) International Application No	:NA	HARAYANA - 131402 Haryana India
Filing Date	:NA	2)PARVEEN KUMAR RANA
(87) International Publication No	:NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)SURENDER KUMAR SHARMA
Filing Date	:NA	2)PARVEEN KUMAR RANA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The invention is related to a generating energy from flowing water and it includes: A boost pump or any other means to start the turbine; an impeller wheel chamber having wheel blades; crank shaft: which one end is connected to the turbine and other to overdrive gear box; inlet and outlet pipe; and turbine through which water flows and strikes the blades of the turbine and makes the shaft rotate. Fig. 04

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

(21) Application No.799/DEL/2003 A

(19) INDIA

(22) Date of filing of Application :13/06/2003 (43) Publication Date : 04/03/2016

(54) Title of the invention: SEALS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:F16J 15/34 :0214515.9 :24/06/2002 :U.K. :NA	/ · · - · · -
Filing Date	:NA :NA	1)PAUL PHELAN
(87) International Publication No	:NA	2)NICHOLAS DEREK QUARMBY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A composite seal face ring has an inner ring (60) made of material with good triboiogical properties, the inner ring (60) being precompressed by an outer ring (64) with a high tensile strength and a thermal coefficient of expansion substantially equal to that of the inner ring (60). The seal face ring is assembled by compressing the inner ring (60) and/or expanding the outer ring (64) by means of fluid under pressure, before inserting the inner ring (60) into the outer ring (64).

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

(21) Application No.9720/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: PROTRANSDUZIN B, A GENE TRANSFER ENHANCER

(51) International classification :C07K14/005,C12N15/867,A61K38/16

(31) Priority Document No:13166266.0 (32) Priority Date :02/05/2013

(33) Name of priority :EPO

country

(86) International Application No :PCT/EP2014/058870

Filing Date :30/04/2014

(87) International Publication No :WO 2014/177635

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

(62) Divisional to Application Number Filing Date :NA (71)Name of Applicant : 1)PHARIS BIOTEC GMBH

Address of Applicant :Feodor Lynen Str. 31 30625 Hannover

Germany

(72)Name of Inventor:

1)FORSSMANN Wolf Georg

2)ZGRAJA Andreas

## (57) Abstract:

The invention relates to an N-terminally protected Peptide having the sequence X-Glu-Cys-Lys-Ile-Lys-Gln-Ile-Ile-Asn-Met-Trp-Gln (SEQ ID NOI), wherein X is a group that protects the Nterminus of the peptide.

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

(21) Application No.9721/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: MAGNETIC ENCODER AND PRODUCTION METHOD THEREFOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:04/04/2014 :WO 2014/168091 :NA :NA	(71)Name of Applicant:  1)NTN CORPORATION Address of Applicant: 3 17 Kyomachibori 1 chome Nishi ku Osaka shi Osaka 5500003 Japan (72)Name of Inventor: 1)HARANO Takuji 2)UEMOTO Ikuo 3)MIYAZAKI Shinji 4)ODA Takayuki 5)NODA Hiroyuki
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

In this magnetic encoder, a core metal (1) is provided with a multipolar magnet (2) having magnetic poles alternately formed in the circumferential direction. The core metal (1) is provided with an inner cylinder section (4), an upright section (5) extending from one end of the inner cylinder section (4) toward the outer diameter side, and an outer cylinder section (6) extending in the axial direction from the outer diameter side of the upright section; and in the core metal (1), the multipolar magnet (2) is integrally formed by means of insert molding on an annular section (8) extending across the upright section (5) and the outer cylinder section (6) so as to bury the end face of the outer cylinder section (6) and the gap between the core metal and the multipolar magnet is filled by means of a sealing treatment agent (11).

No. of Pages: 56 No. of Claims: 15

(21) Application No.9722/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: WIND TURBINE AND A LIGHTNING PROTECTION UNIT FOR A WIND TURBINE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:F03D11/00 :10 2013 208 792.6 :14/05/2013 :Germany :PCT/EP2014/059503 :08/05/2014 :WO 2014/184094 :NA :NA :NA	(71)Name of Applicant:  1)WOBBEN PROPERTIES GMBH  Address of Applicant: Dreekamp 5 26605 Aurich Germany (72)Name of Inventor:  1)EDEN Georg  2)SATORIUS Florian
Filing Date	:NA	

#### (57) Abstract:

The invention relates to a wind turbine comprising a nacelle (104) and a rotor having at least two rotor blades (108). Each rotor blade (108) comprises a rotor blade root (108a), at least one metal conductor (220) for conducting a lightning strike, and a conductive ring (230) connected to said metal conductor and provided in the root region of the rotor blade. In addition, a lightning protection unit (240) is fixed on the non-rotating part of the nacelle (104) in such a way that the lightning protection unit (240) is supported on the ring (230). The lightning protection unit (240) comprises two rollers (241) and a lightning rod (242), a free end of said lightning rod (242) being at a distance from an outer end of the roller (241) and said distance defining a spark gap

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

(21) Application No.9723/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: METHOD FOR CONTROLLING A WIND PARK

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:10 2013 207 264.3 :22/04/2013 :Germany :PCT/EP2014/055992 :25/03/2014 :WO 2014/173600 :NA :NA	(71)Name of Applicant:  1)WOBBEN PROPERTIES GMBH Address of Applicant: Dreekamp 5 26605 Aurich Germany (72)Name of Inventor: 1)BUSKER Kai 2)BEEKMANN Alfred
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The invention relates to a method for supplying electric power from a wind park ( 112) having a plurality of wind turbines (100) to an electric power supply grid (120), wherein each of the wind turbines (100) provides an electric power turbine Output (PA) and the sum of the turbine Outputs (PA) provided is supplied as a park Output (P) to the electric power supply grid (120), and a turbine target value (PA II) is predefined for each of the wind turbines (100) for specifying the turbine Output (PA) to be provided, and the turbine target value (PA soll) is controlled via a Controller (Ri, R2) depending on a control deviation ( $\Delta$ P) as a comparison between the park Output (Pis t) supplied and a target value (Ppso ii) of the park Output (Pp) to be supplied.

No. of Pages: 25 No. of Claims: 7

(21) Application No.9724/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date: 04/03/2016

## (54) Title of the invention: WELDING PORTION INSPECTION DEVICE AND INSPECTION METHOD THEREFORE, WITH EXTRACTING PORTION FOR EXTRACTING EVAPORATION LUMINESCENCE AND THERMAL RADIATION

(51) International :B23K26/03,B23K26/24,B23K31/12

classification (31) Priority Document No :2013085150

(32) Priority Date :15/04/2013

(33) Name of priority country: Japan

(86) International :PCT/IB2014/000539 Application No

:11/04/2014 Filing Date

(87) International Publication :WO 2014/170735

(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)TOYOTA JIDOSHA KABUSHIKI KAISHA

Address of Applicant: 1 Toyota cho Toyota shi Aichi ken 471

8571 Japan

(72) Name of Inventor:

1)KOBAYASHI Hiroomi 2)FURUKAWA Masashi 3) UCHIDA Keisuke

## (57) Abstract:

A welding portion inspection method includes: irradiating welding laser beam along welding trajectories set in works plural times or irradiating inspection laser beam along scanning trajectories set in a molten pool of the Works which is melted by the welding laser beam plural times; receiving return light including reflected light from- (he molten pool of the work, evaporation luminescence generated due to evaporating of the work and thermal radiation light radiated from the molten pool of the work; extracting short wavelength component containing- evaporation luminescence and long wavelength component containing thermal radiation light from the return light and inspecting the welding condition of the welding portion of the work based on a ratio between an intensity of the short wavelength component and an intensity of the long wavelength component.

No. of Pages: 46 No. of Claims: 8

(21) Application No.9725/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date: 04/03/2016

(54) Title of the invention: TORQUE ROD

(51) International classification :F16F15/08,B60K5/12,F16F1/38 (71)Name of Applicant :

(31) Priority Document No :2013069208 (32) Priority Date :28/03/2013

(33) Name of priority country :Japan

(86) International Application No:PCT/JP2014/055339

Filing Date :03/03/2014

(87) International Publication No: WO 2014/156495

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)BRIDGESTONE CORPORATION

Address of Applicant: 1 1 Kyobashi 3 chome Chuo ku Tokyo

1048340 Japan

(72) Name of Inventor:

1)SUGAWARA Hideki

#### (57) Abstract:

The torque rod (10) comprises: a rod body (12), one end of which is attached to an oscillation-receiving section (100) and the other end of which is attached to an oscillation -generating section (104); an inner tube (16), which is connected to the oscillation generating section (104); an elastic body (14), which is provided on the outer circumferential surface of the inner tube (16) and is inserted in an mounting hole (26) formed in the other end of the rod body (12); a stopper section, which is formed in the opening of one end of the mounting hole (26) in the axial direction of the hole and is for keeping the elastic body (14) from slipping out from the mounting hole (26); and a slip o-ut prevention means (18), which is attached to the rod body (12) from the other end of the mounting hole (26) in the axial direction of the hole and is for keeping the elastic body (14) from slipping out.

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

(21) Application No.9726/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: SYNCHRONOUS -GENERATOR STATOR AND SYNCHRONOUS GENERATOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:H02K1/18,H02K5/24 :10 2013 207 931.1 :30/04/2013 :Germany :PCT/EP2014/057377 :11/04/2014 :WO 2014/177363 :NA	(71)Name of Applicant:  1)WOBBEN PROPERTIES GMBH  Address of Applicant: Dreekamp 5 26605 Aurich Germany (72)Name of Inventor:  1)R-ER Jochen  2)FEITH Manuel  3)JEPSEN Torsten
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

The invention relates to a synchronous generator stator comprising a stator ring (300), a stator laminated core (400), a continuous gap (310) between the stator ring (300) and the stator laminated core (400) and a plurality of decoupling units (500) in said gap (310), the decoupling unit (500) having a first metal sheet (510) that is adapted to the contour of the stator laminated core (400) and a second metal sheet (530) that is adapted to the contour of the stator ring (300). A mat (520) comprising a hollow chamber and an inlet valve (540) is provided between the first and the second metal sheet (510, 530).

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

(21) Application No.9727/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: METHOD FOR FEEDING ELECTRICAL POWER INTO AN ELECTRICAL SUPPLY NETWORK

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:H02J3/38 :10 2013 207 255.4 :22/04/2013 :Germany :PCT/EP2014/057304 :10/04/2014 :WO 2014/173695 :NA :NA	(71)Name of Applicant:  1)WOBBEN PROPERTIES GMBH Address of Applicant: Dreekamp 5 26605 Aurich Germany (72)Name of Inventor: 1)BEEKMANN Alfred 2)BUSKER Kai
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The invention relates to a method for feeding electrical power of at least one wind turbine (100) or of a wind farm (112) into an electrical supply network (120) having a network voltage (U) and a network frequency (f), wherein the method is prepared for feeding in active electrical power (P) and reactive electrical power (Q) and the fed-in active power (P) can be adjusted on the basis of at least one network State by means of an active-power Controller and/or the fed-in reactive power (Q) can be adjusted on the basis of at least one network State by means of a reactive-power Controller and the active-power Controller and/or the reactive power Controller can be changed according to type and/or parameterisation.

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

(21) Application No.1372/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/02/2013 (43) Publication Date: 04/03/2016

# (54) Title of the invention : SYNGERGISTIC MIXTURES OF ANTHRANILAMIDE INVERTEBRATE PEST CONTROL AGENTS

(51) International classification:A01N 43/56(31) Priority Document No:60/584,601(32) Priority Date:01/07/2004(33) Name of priority country:U.S.A.

(86) International Application No Filing Date :0.3.A. :PCT/US2005/023813

(87) International Publication No :WO 2006/007595

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

(62) Divisional to Application Number :7417/DELNP/2006

Filed on :30/06/2005

(71)Name of Applicant:

1)E.I. DU PONT DE NEMOURS AND COMPANY Address of Applicant :1007 MARKET STREET,

WILMINGTON, DELAWARE 19898 USA. U.S.A.

:PCT/US2005/023813 (72)Name of Inventor :

1)ANNAN ISAAC BILLY 2)FLEXNER JOHN LINDSEY 3)PORTILLO HECTOR EDUARDO 4)LAHM GEORGE PHILIP

4)LAHM GEORGE PHILIP 5)SELBY THOMAS PAUL

6)STEVENSON THOMAS MARTIN

#### (57) Abstract:

Disclosed are mixtures and compositions for controlling invertebrate pests relating to combinations comprising (a) 3-bromo-V-[4-chloro-2-methyl-6- [(methylammo)carbonyl]phenyl]-l-(3-cUoro-2-pyridmyl)-lH-pyrazole-5-carboxamide, and its //-oxides, and suitable salts thereof a component (b) wherein the component (b) is at least one compound or agent selected from neonicotinoids, cholinesterase inhibitors, sodium channel modulators, chitin synthesis inhibitors, ecdysone agonists, lipid biosynthesis inhibitors, macrocyclic lactones, GABA-regulated chloride channel blockers, juvenile hormone mimics, ryanodine receptor ligands, octopamine receptor ligands, mitochondrial electron transport inhibitors, nereistoxin analogs, pyridalyl, fionicamid, pymetrozine, dieldrin, metaflumizone, biological agents, and suitable salts of the foregoing. Also disclosed are methods for controlling an invertebrate pest comprising contacting the invertebrate pest or its environment with a biologically effective amount of a mixture or composition of the invention.

No. of Pages: 76 No. of Claims: 6

(21) Application No.330/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :05/02/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: REVERSE OSMOSIS WATER PURIFICATION METHOD AND SYSTEM THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:103129427 :26/08/2014 :Taiwan :NA :NA : NA : NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A RO water purification system includes a RO pressure pump, a motor and a microprocessor control unit and a method thereof includes: providing the motor in the RO pressure pump; utilizing the microprocessor control unit to control the motor and to measure at least one motor operation data; utilizing the motor operation data to calculate inflow water pressure data and outflow water pressure data; utilizing the inflow water pressure data and outflow water pressure data to adjust the operation of the motor for enhancing the efficiency of systematic operation.

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

(21) Application No.514/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :22/02/2012 (43) Publication Date : 04/03/2016

## (54) Title of the invention: A DECORATED LACQUERED BOWL

(51) International classification	:C12L	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ARJAN IMPEX PVT LTD
(32) Priority Date	:NA	Address of Applicant :ARJAN IMPEX PVT LTD AG-100,
(33) Name of priority country	:NA	SANJAY GANDHI NAGAR DELHI-110042 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KALRA, ATUL
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

An pet bowl comprising; molding material selected from a group consisting of stainless steel, plastic and ceramics; and having an inner surface and an outer surface; and an embellished layer which further consists of sticker layer and lacquer layer and applied on the outer surface of the pet bowl and a method or process to prepare the pet bowl by applying an inner layer comprising a coat of solvent or cleaning agent on the outer surface of the pet bowl; and applying a sticker layer comprising a single or plurality of stickers at least on a part of the cleaned outer surface of the pet bowl; and applying an lacquer layer on the inner layer and the sticker layer; and subjecting the pet bowl to baking.

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

(21) Application No.9733/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date: 04/03/2016

## (54) Title of the invention: SUBSTITUTED BIARYL COMPOUND

(51) International :C07D213/74,A61K31/4436,A61K31/444 classification

:2013069363

(31) Priority Document

(32) Priority Date :28/03/2013

(33) Name of priority

country

:Japan (86) International

:PCT/JP2014/059301 Application No :28/03/2014

Filing Date

(87) International :WO 2014/157672 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)UBE INDUSTRIES LTD.

Address of Applicant: 1978 96 Oaza Kogushi Ube shi

Yamaguchi 7558633 Japan (72) Name of Inventor:

1)SHIBAKAWA Nobuhiko

2)YONEDA Kenji 3)KATSUBE Tetsushi 4)KANDA Tomoko

5)ITO Koji

6)YAMAMOTO Kiyoshi

7) IWASE Noriaki 8) USHIYAMA Shigeru

(57) Abstract:

The present invention provides a substituted biaryl compound represented by general formula (I) (wherein R1, W, R2 and Z are as defined in the claims and the description) or a pharmacologically acceptable salt thereof. The compound according to the present invention has an excellent effect of inhibiting the proliferation of a pulmonary fibroblast, and is therefore useful as a therapeutic agent and/or a prophylactic agent for interstitial pneumonia and pulmonary fibrosis.

No. of Pages: 79 No. of Claims: 7

(21) Application No.9734/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 15/10/2015 (43) Publication Date: 04/03/2016

## (54) Title of the invention: WORKING MEDIUM FOR HEAT CYCLE

:25/04/2014

(51) International classification: C09K5/04, C07C19/08, C07C19/12 (71) Name of Applicant:

:2013095491 (31) Priority Document No (32) Priority Date :30/04/2013

(33) Name of priority country :Japan

(86) International Application :PCT/JP2014/061767

Filing Date

(87) International Publication :WO 2014/178353

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

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

(57) Abstract:

1)ASAHI GLASS COMPANY LIMITED

Address of Applicant: 5 1 Marunouchi 1 chome Chiyoda ku

Tokyo 1008405 Japan (72)Name of Inventor:

1)HASHIMOTO Mai 2)FUKUSHIMA Masato

3)KAWAGUCHI Satoshi 4)TANIGUCHI Tomoaki

5)TAKEUCHI Yu

Provided is a working medium for a heat cycle, the working medium having little impact on the ozone layer, little impact on global warming, and excellent cycle performance. The working medium for a heat cycle contains trifluoroethylene and difluoroethylene, and the content of the difluoroethylene relative to the working medium is less than 1.5 mass%.

No. of Pages: 27 No. of Claims: 14

(21) Application No.9728/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 15/10/2015 (43) Publication Date: 04/03/2016

## (54) Title of the invention: INFRARED -RAY REFLECTING FILM

(51) International classification	:B32B9/00	(71)Name of Applicant:
(31) Priority Document No	:2013083371	1)NITTO DENKO CORPORATION
(32) Priority Date	:11/04/2013	Address of Applicant :1 2 Shimohozumi 1 chome Ibaraki shi
(33) Name of priority country	:Japan	Osaka 5678680 Japan
(86) International Application No	:PCT/JP2014/057516	(72)Name of Inventor:
Filing Date	:19/03/2014	1)FUJISAWA Junichi
(87) International Publication No	:WO 2014/167964	2)OHMORI Yutaka
(61) Patent of Addition to Application	:NA	3)WATANABE Masahiko
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

An infrared- ray reflecting film (100) according to the present invention is provided with an infrared- ray reflecting layer (20) and a transparent protective layer (30) that are disposed, in that order ,on a transparent film base material (10). The infrared -ray reflecting layer (20) includes from the side of the transparent film base material (10), a first metal oxide layer (21), a metal layer (25) that comprises a silver alloy having a silver content of 96-99.9%, and a second metal oxide layer (22). Both the first metal oxide layer (21) and the second metal oxide layer (22) are directly contacted to the metal layer (25). A metal layer is not included between the transparent film base material (10) and the infrared ray reflecting layer (20), or between the infrared -ray reflecting layer (20) and the transparent protective layer (30). It is preferable that the infrared- ray reflecting film according to the present invention exhibits a visible light transmittance of equal to or greater than 65%, a shielding coefficient of less than 0.60, and an adjusted emissivity, which is measured from the transparent protective layer side, of equal to or less than 0.20.

No. of Pages: 31 No. of Claims: 6

(21) Application No.9730/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application:15/10/2015

(43) Publication Date: 04/03/2016

## (54) Title of the invention: BLUETOOTH VIRTUALISATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> </ul>	:G06F15/16 :61/798329 :15/03/2013 :U.S.A. :PCT/US2014/029844 :14/03/2014 :WO 2014/145135 :NA :NA	(71)Name of Applicant: 1)ALIPHCOM Address of Applicant: Third Floor 99 Rhode Island Street San Francisco California 94103 U.S.A. 2)DONALDSON, Thomas, Alan (72)Name of Inventor: 1)DONALDSON Thomas Alan
(61) Patent of Addition to Application	:NA	1)DONALDSON Thomas Alan
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Embodiments of the present application relate generally to electrical and electronic hardware, computer software, wired and wireless network communications, Bluetooth systems, RF systems, self-powered wireless devices, and consumer electronic (CE) devices. More specifically the present application relates to provision of networked based services to Bluetooth - enabled devices. The present application describes a very low-cost, multi-purpose, rapidly re-purposable Bluetooth node that may sit at the edge of a network and may be configured to allow a network system to dynamically add and remove different Bluetooth capabilities and allow for a much higher level of management of Bluetooth devices that are interacting with the network.

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

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: SPATIAL AUDIO AGGREGATION FOR MULTIPLE SOURCES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:H04R1/26 :61/786445 :15/03/2013 :U.S.A. :PCT/US2014/030885 :17/03/2014 :WO 2014/146015 :NA :NA	(71)Name of Applicant: 1)ALIPHCOM Address of Applicant: Third Floor 99 Rhode Island Street San Francisco California 94103 U.S.A. 2)HALL, James 3)DONALDSON, Thomas Alan (72)Name of Inventor: 1)HALL James 2)DONALDSON Thomas Alan
Filing Date	:NA :NA	

#### (57) Abstract:

Various embodiments relate generally to electrical and electronic hardware, computer software, wired and wireless network communications, and audio and speaker systems. More specifically, disclosed are an apparatus and a method for processing signals for optimizing audio, such as 3D audio, by adjusting the filtering for cross-talk cancellation based on listener position and/or orientation. In one embodiment, an apparatus is configured to include a plurality of transducers, a memory, and a processor configured to execute instructions to determine a physical characteristic of a listener relative to the origination of the multiple channels of audio, to cancel crosstalk in a spatial region coincident with the listener at a first location, to detect a change in the physical characteristic of the listener, and to adjust the cancellation of crosstalk responsive to detecting the change in the physical characteristic to establish another spatial region at a second location.

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

(21) Application No.9732/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: IN MOULD LABEL AND LABELED PLASTIC CONTAINER USING SAME

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:G09F3/02,B32B27/08,B32B7/10 :201310105575.5 :28/03/2013	(71)Name of Applicant: 1)YUPO CORPORATION Address of Applicant: 3 Kanda Surugadai 4 chome Chiyoda
(33) Name of priority country	:China	ku Tokyo 101 0062 Japan
(86) International Application No Filing Date	:PCT/CN2014/074024 :25/03/2014	(72)Name of Inventor : 1)UEDA Takahiko 2)IWASE Yuuichi
(87) International Publication No	:WO 2014/154130	
<ul><li>(61) Patent of Addition to</li><li>Application Number</li><li>Filing Date</li></ul>	:NA :NA	
<ul><li>(62) Divisional to Application</li><li>Number</li><li>Filing Date</li></ul>	:NA :NA	

## (57) Abstract:

Provided are an in-mould label and a labeled plastic container using the same. The in-mould label of the present invention has a thermal sealing layer on a single side of an olefin-based resin film, and the thermal sealing layer comprises a thermoplastic resin with features (1) and (2): (1) at least one crystallization peak is obtained at 85-110° C by utilizing differential scanning calorimetry; (2) the thermal bonding strength at 130°C is 120-350 gcm2.

No. of Pages: 41 No. of Claims: 8

(21) Application No.9735/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: MANIFOLD DIAPHRAGMS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Petent of Addition to Application</li> </ul>	:A61M1/16 :13/852918 :28/03/2013 :U.S.A. :PCT/US2014/035051 :22/04/2014 :WO 2014/161008	(71)Name of Applicant:  1)FRESENIUS MEDICAL CARE HOLDINGS INC. Address of Applicant: 920 Winter Street Waltham MA 02451 U.S.A. (72)Name of Inventor: 1)FULKERSON Barry Neil 2)HUANG Alec 3)KELLY Brign Thomas
(86) International Application No	:PCT/US2014/035051	(72)Name of Inventor:
* * *		
(87) International Publication No	:WO 2014/161008	2)HUANG Alec
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)KELLY Brian Thomas
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

The specification discloses a portable dialysis machine having a detachable controller unit and base unit. The controller unit includes a door having an interior face, a housing with a panel, where the housing and panel define a recessed region configured to receive the interior face of the door, and a manifold receiver fixedly attached to the panel. The manifold includes diaphragms adapted to minimize the dead space between the dialysis machine pins and improve responsivity. The base unit has a planar surface for receiving a container of fluid, a scale integrated with the planar surface and a heater in thermal communication with the container. Embodiments of the disclosed portable dialysis system have improved structural and functional features, including improved modularity, ease of use and safety features.

No. of Pages: 238 No. of Claims: 20

(22) Date of filing of Application :15/10/2015 (43) Publication Date: 04/03/2016

## (54) Title of the invention: SPEAKER AND LIGHT SOURCE RESPONSIVE TO STATES

1)ALIPHCOM

(51) International classification: G06F3/01,G06F3/03,G06F3/0488

(31) Priority Document No :61/786473 (32) Priority Date :15/03/2013 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2014/030841

No :17/03/2014 Filing Date

(87) International Publication :WO 2014/145978

(61) Patent of Addition to :NA

**Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

Address of Applicant: Third Floor 99 Rhode Island Street San

Francisco CA 94103 U.S.A.

2)LUNA, Michael, Edward Smith

3)FULLAM.Scott

4)NARRON, Patrick, Alan

5)MERRILL, Chris

6)BARRENTINE, Derek, Boyd

7)SAHA,Sankalita 8) ROBISON, Jeremiah (72)Name of Inventor:

1)LUNA Michael Edward Smith

2)FULLAM Scott

3)NARRON Patrick Alan

4)MERRILL Chris

5)BARRENTINE Derek Boyd

6)SAHA Sankalita 7) ROBISON Jeremiah

#### (57) Abstract:

A combination speaker and light source responsive to states of an organism based on sensor data is described, including generating motion sensor data responsive to movement(s) captured using a motion sensor(s), deriving movement data using a motion analysis module operative to determine the movement to be associated with: gesture(s); identity(s); and activity(s), using the motion sensor data, generating acoustic sensor data responsive to sound captured using an acoustic sensor, deriving audio data using a noise removal module operative to subtract a noise signal from the acoustic sensor data, detecting a RF signal associated with a personal device using a communication facility, obtaining state data from the personal device, and determining a desired light characteristic using the state data and one or both of the movement data and the audio data.

No. of Pages: 98 No. of Claims: 19

(21) Application No.9737/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention : PHENYL- CONTAINING FUNCTIONAL POLYSILOXANES AND POLYCARBONATE POLYSILOXANE COPOLYMERS MADE THEREFROM

(51) International (71)Name of Applicant: :C08G64/18,C08G77/448,C08L83/10 classification 1)MOMENTIVE PERFORMANCE MATERIALS JAPAN (31) Priority Document No :61/829416 (32) Priority Date :31/05/2013 Address of Applicant: 2 20 Akasaka 5 chome Minato ku (33) Name of priority Tokyo 107 6119 Japan :U.S.A. country (72) Name of Inventor: (86) International 1)KANUMA Koji :PCT/IB2014/001892 Application No 2)HORIE Yutaka :30/05/2014 Filing Date 3)MITTAL Anuj (87) International 4)SAMANTARA Laxmi :WO 2014/191845 Publication No 5)RAMAKRISHNAN Indumathi (61) Patent of Addition to 6)KUMABE Naofumi :NA **Application Number** 7) IYER Narayana Padmanabha :NA Filing Date 8)ALAM Samim (62) Divisional to :NA **Application Number** :NA Filing Date

## (57) Abstract:

The invention is directed to phenyi -containing functional polysiloxanes and polycarbonate -polysiloxane copolymer compositions made therefrom having improved optical clarity and better low temperature impact resistance.

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

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: INTELLIGENT DEVICE CONNECTION FOR WIRELESS MEDIA ECOSYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:G06F15/16 :13/831689 :15/03/2013 :U.S.A. :PCT/US2014/029852 :14/03/2014 :WO 2014/145140 :NA :NA	(71)Name of Applicant: 1)ALIPHCOM Address of Applicant: Third Floor 99 Rhode Island Street San Francisco CA 94103 U.S.A. 2)LUNA, Michael, Edward, Smith (72)Name of Inventor: 1)LUNA Michael Edward Smith
1 (01110 01	:NA :NA :NA	

#### (57) Abstract:

Techniques associated with intelligent device connection for wireless media ecosystem are described, including receiving, by a media device, a first control signal from another media device implementing a connection awareness device, the first control signal configured to cause the media device to access data associated with playing a media content being played by the other media device, obtaining marker data from the other media device, the marker data representing a marker associated with the media content, retrieving content data from using the marker data, the content data configured to play the media content starting at a point indicated by the marker data, and sending a second control signal to the other media device, the second control signal con figured to indicate a completion of synchronization with the other media device

No. of Pages: 39 No. of Claims: 18

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: METHOD AND APPARATUS FOR JOINING HOLLOW ORGAN SECTIONS IN ANASTOMOSIS

(51) International classification	:A61B17/11	(71)Name of Applicant:
(31) Priority Document No	:61/812469	1)ETHICON ENDO SURGERY INC.
(32) Priority Date	:16/04/2013	Address of Applicant :4545 Creek Road Cincinnati Ohio
(33) Name of priority country	:U.S.A.	45242 U.S.A.
(86) International Application No	:PCT/US2014/033779	(72)Name of Inventor:
Filing Date	:11/04/2014	1)BAKOS Gregory J.
(87) International Publication No	:WO 2014/172194	2)ZEINER Mark S.
(61) Patent of Addition to Application	:NA	3)FOX, William D.;
Number	:NA	4)SHERRILL, Justin W.;
Filing Date	.11/1	5)DUNKI-JACOBS, Adam R.;
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

An apparatus is operable to provide an anastomosis coupling two hollow organs, such as a duodenum and ileum. The apparatus includes a first component that is inserted through an enterotomy in a first hollow organ and a second component that is inserted through an enterotomy in a second hollow organ. The first and second components are brought together to o align the enterotomies and compress apposed layers of tissue adjacent to the enterotomies. The compressed tissue eventually necroses and the apparatus may be removed or simply pass through the hollow organ. Each component may include a set of pivoting links and a resilient member that is configured to both bias the links to an expanded configuration and grip the tissue adjacent to the enterotomy. The components may include magnets that secure the positioning of the components relative to each other and provide a compressive force on the apposed tissue.

No. of Pages: 96 No. of Claims: 20

(22) Date of filing of Application :22/02/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention : AQUEOUS POLYURETHANE RESIN DISPERSION AND PREPARATION PROCESS FOR THE SAME

#### (57) Abstract:

Disclosed is an aqueous polyurethane resin dispersion having good dispersibility in an aqueous medium and excellent film strength after UV curing, and furthermore an aqueous polyurethane resin dispersion which provides a coating film having excellent drying properties, high hardness, and scratch resistance. The aqueous polyurethane resin dispersion comprises at least a polyurethane resin and a radical polymerizable compound (C). The polyurethane resin is obtained by reacting together at 4 least a polycarbonate polyol (a); an acidic group-containing polyol (b); depending on the case, a polyol (c) other than (a) and (b); and a polyisocyanate (d), and depending on the case, further reacting with a chain extender (B). Also disclosed are a paint composition and coating agent composition containing the aqueous polyurethane resin dispersion, and a method for producing the aqueous polyurethane resin dispersion.

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

(21) Application No.2447/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :28/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: DEVICE LOCKING SYSTEM

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:G08B 13/14 :NA :NA :NA	(71)Name of Applicant: 1)Volktek Corporation Address of Applicant: 4FI., No. 192, Lianchang St., Zhonghe Dist., New Taipei City 235, Taiwan Taiwan (72)Name of Inventor:
(86) International Application No	:NA	1)LU CHOU
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 Device security system contains at least an aggregation-layer Ethernet switch and at least an access-layer Ethernet switch. The aggregation-layer and access-layer Ethernet switches cooperatively authenticate whether the access-layer Ethernet switch is authorized to connect to the aggregation-layer Ethernet switch. The access-layer Ethernet switch has at least a second uplink port connected to one of the first downlink ports of the aggregation-layer Ethernet switch and a number of second downlink ports connected to Customer Premise Equipments (CPEs), respectively. If the access-layer Ethernet switch is stolen, the access-layer Ethernet switch disables all its second downlink ports. If the stolen access-layer Ethernet switch has its second uplink port connected to other switches that do not provide a required authentication process, the stolen access-layer Ethernet switch does not enable all its second downlink ports, and no CPEs connected to the second downlink ports can access the Internet.

No. of Pages: 14 No. of Claims: 3

(21) Application No.9743/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: DEPLOYING DATA -PATH- RELATED PLUGINS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:19/01/2014 :WO 2014/147607 :NA :NA	(71)Name of Applicant: 1)STORONE LTD. Address of Applicant: P.O. Box 2660 4 Hayetsira Street 4366350 Raanana Israel (72)Name of Inventor: 1)GORDON Raz
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A method for deploying a data-path-related plug-in for a logical storage entity of a storage system, the method comprising: deploying the data-path-related plug-in for the logical storage entity, wherein the deploying includes creating a plug-in inelusive data-path specification and wherein the plug-in inclusive data-path specification includes operation of the data-path related plug-in; and creating a verification data-path specification, wherein the verification data-path specification does not include operation of the data-path-related plug-in and wherein a task executed in a verification data path, having the verification data-path specification, generates verification data that enables validation of given data generated by the task being executed in a plug-in inclusive data-path having the plug-in inclusive data-path specification.

No. of Pages: 50 No. of Claims: 21

(21) Application No.9744/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention : METHOD, APPARATUS, AND SYSTEM FOR EXPRESSION AND QUANTIFICATION OF HUMAN BREAST MILK

(31) Priority Document No :61/804722 (32) Priority Date :24/03/2013 (33) Name of priority country :U.S.A.	(71)Name of Applicant:  1)NAYA HEALTH INC.  Address of Applicant: 412 Lanyard Drive Redwood City CA 94065 U.S.A. (72)Name of Inventor:  1)ALVAREZ Jeffrey B. 2)ALVAREZ Janica B. 3)RYDFORS Jan
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#### (57) Abstract:

A device for expression and collection of breast milk includes an actuatable assembly, a breast interface, and a tube. The breast interface is sized to receive a breast and form a fluid tight seal against the breast. The breast interface includes a deformable member disposed within at least a portion of the breast interface. The deformable member deforms in response to actuation of the actuatable assembly and applies vacuum pressure against the breast to express milk. The tube operatively couples the actuatable assembly to the breast interface.

No. of Pages: 35 No. of Claims: 55

(21) Application No.511/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :22/02/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention: HIGH POWER TRANSMISSION SUSPENSION TOWERS

(51) International classification	:H01R	(71)Name of Applicant:
(31) Priority Document No	:NA	1)POWER GRID CORPORATION
(32) Priority Date	:NA	Address of Applicant :SAUDAMINI, PLOT NO. 2, SECTOR-
(33) Name of priority country	:NA	29, NEAR IFFCO CHOWK, GURGAON (HARYANA)-122001,
(86) International Application No	:NA	INDIA Haryana India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)B S PANDEY
(61) Patent of Addition to Application Number	:NA	2)RAJESH KUMAR
Filing Date	:NA	3)GOPAL JI
(62) Divisional to Application Number	:NA	4)R R PATEL
Filing Date	:NA	5)RAJ KUMAR SINGH

### (57) Abstract:

A power transmission suspension tower of 1200 KV S/C is derived which is suitable for both 1200 KV S/C line as well as 400 KV D/C line in the same corridor as and when required which significantly reduces environmental impact and resolves ROW issues.

No. of Pages: 15 No. of Claims: 4

(22) Date of filing of Application :08/07/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: STACKED ORGANIC PHOTOSENSITIVE DEVICES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:10/911,560 :05/08/2004 :U.S.A. :PCT/US2005/027093 :29/07/2005 : NA :NA	(71)Name of Applicant:  1)THE TRUSTEES OF PRINCETON UNIVERSITY Address of Applicant: P.O. Box 36, Princeton, NJ 08544, USA U.S.A. (72)Name of Inventor: 1)STEPHEN FORREST 2)JIANGENG XUE 3)SOICHI UCHIDA 4)BARRY P. RAND
- 100000	:NA :1165/DELNP/2007 :13/02/2007	

#### (57) Abstract:

A device comprising: a first electrode; a second electrode; a first organic photoactive region disposed between the first electrode and the second electrode; and a second organic photoactive region disposed between the first electrode and the second electrode; wherein the first organic photoactive region and the second organic photoactive region have different absorption characteristics; wherein the average absorption of the first photoactive region is greater than the average absorption of the second photoactive region over a range of wavelengths  $\lambda 1 + 5\%$ ; wherein the average absorption of the second photoactive region is greater than the average absorption of the first photoactive region over a range of wavelengths  $\lambda 2 + 5\%$ ; wherein  $\lambda 2$  is at least 10% greater than A1. Figure 2

No. of Pages: 52 No. of Claims: 11

(21) Application No.5976/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/07/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: MOUNTING CUP AND COLLAR ASSEMBLY FOR PLASTICS AEROSOL CONTAINER

(51) International classification		(71)Name of Applicant:
(31) Priority Document No (32) Priority Date	:2012005592 :24/12/2012	1)PETAPAK IP LIMITED Address of Applicant :c/o International Corporation Services
(33) Name of priority country	:Malaysia	Ltd P.O. Box 472 Harbour Place 2nd Floor 103 South Church
(86) International Application No	:PCT/MY2013/000263	Street George Town Grand Cayman KY1 1106 Cayman Island
Filing Date	:06/12/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/104870	1)SALAMEH Asim
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A container for dispensing an aerosol product. The container (1) includes a body (2) formed of plastics material such as PET and a mounting cup and collar assembly (53). The body (2) includes a neck (10) defining an opening (50) having internal and external walls (5 and 52) respectively. The mounting cup and collar assembly (53) is formed of malleable material and is shaped to straddle the internal and external walls (51 and 52) of the opening (50) and be crimped to the external wall (52) of the neck (10). The mounting cup and collar assembly (53) is preferably of unitary construction and includes a lining (60) on its inner surface to assist in providing a seal between the components.

No. of Pages: 36 No. of Claims: 17

(22) Date of filing of Application :08/07/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: APPARATUS AND METHOD FOR CONTROLLING DISPLAY OF MOBILE TERMINAL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:1020130006007 :18/01/2013 :Republic of Korea	(71)Name of Applicant:  1)SAMSUNG ELECTRONICS CO. LTD.  Address of Applicant: 129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea (72)Name of Inventor:  1)HA Daesung 2)KIM Moonsoo
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#### (57) Abstract:

An apparatus and a method are provided for controlling a display in a portable terminal. The apparatus for controlling a display in a portable terminal includes a display unit a camera unit located on a side where the display unit is placed and a controller to change a display parameter value if a distance between the portable terminal and a subject is within a preset distance value when the subject is photographed through the camera unit.

No. of Pages: 17 No. of Claims: 14

(21) Application No.5978/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/07/2015

(43) Publication Date: 04/03/2016

# (54) Title of the invention : METHOD FOR THE SYNTHESIS OF A HYDRAZINE THAT CAN BE USED IN THE TREATMENT OF THE PAPILLOMA VIRUS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:27/12/2013 :WO 2014/102313 :NA :NA :NA	(71)Name of Applicant:  1)ANACONDA PHARMA Address of Applicant: VILLEJUIF BIOPARK 1 mail du Professeur Georges Math F 94800 Villejuif France (72)Name of Inventor: 1)BLUMENFELD Marta 2)COMPERE Delphine 3)CIUFOLINI Marco A.
Filing Date	:NA	
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#### (57) Abstract:

The invention relates to a method for producing a hydrazine of general formula (I) and the pharmaceutically acceptable salts thereof from an amine of formula (II) characterised in that said method uses a urea of formula (III) as a synthesis intermediate.

No. of Pages: 21 No. of Claims: 13

(21) Application No.1620/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/02/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention: COMBINATION THERAPIES WITH CK2 MODULATORS

(51) International classification	:H03G	(71)Name of Applicant :
(31) Priority Document No	:61/228,121	1)CYLENE PHARMACEUTICALS INC.
(32) Priority Date	:23/07/2009	Address of Applicant :5820 Nancy Ridge Drive Suite 200
(33) Name of priority country	:U.S.A.	San Diego California 92121 U.S.A.
(86) International Application No	:PCT/US2010/041244	(72)Name of Inventor:
Filing Date	:07/07/2010	1)DRYGIN Denis
(87) International Publication No	: NA	2)ANDERES Kenna
(61) Patent of Addition to Application	:NA	3)HO Caroline B.
Number	:NA	4)BLIESATH Joshua R.
Filing Date	.IVA	5)PROFFITT Christopher B.
(62) Divisional to Application Number	:NA	6)OBRIEN Sean
Filing Date	:NA	7)RICE William G.

# (57) Abstract:

The present application is generally directed to compounds, compositions and methods of combination therapy for the treatment of neoplastic, inflammatory, autoimmune or infectious disorders. Fig. 1

No. of Pages: 151 No. of Claims: 23

(22) Date of filing of Application :29/08/2014 (43) Publication Date : 04/03/2016

### (54) Title of the invention: A GREEN PROCESS FOR THE PREPARATION OF PURE IRON

		(71)Name of Applicant:
(51) International classification	:C21B13/12	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(31) Priority Document No	:NA	RESEARCH
(32) Priority Date	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(33) Name of priority country	:NA	MARG, NEW DELHI - 110 001, INDIA. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BHAGYADHAR BHOI
(87) International Publication No	: NA	2)BARADA KANTA MISHRA
(61) Patent of Addition to Application Number	:NA	3)CHINMAYA KUMAR SARANGI
Filing Date	:NA	4)PRAVAS RANJAN BEHERA
(62) Divisional to Application Number	:NA	5)PRIYANKA RAJPUT
Filing Date	:NA	6)PARTHA SARATHI MUKHERJEE
		7)SNIGDHA PRIYADARSHINI

#### (57) Abstract:

The present invention relates to an eco-friendly and single step process for the preparation of high pure iron by using Hydrogen Plasma in a suitable smelting reactor furnace. Reduction of iron oxide in excess of 99% can be achieved by reducing the iron ore in Hydrogen Plasma Smelting system. The product quality is greatly improved as there is no instance of coke inclusion which otherwise would have carried carbon, sulphur, phosphorous, silica etc with it. In addition, this greatly diminishes carbon dioxide emission thereby making the process highly eco-friendly in nature. Apart from these, the process produces water as the only by-product. The process takes care of the green house effect with the non-involvement of gases like carbon dioxide, carbon monoxide during the operation. Thus, the present process is developed to produce high pure iron in a Hydrogen Plasma Reactor without using carbon as reductant which thereby reduces the carbon dioxide emission drastically.

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

(22) Date of filing of Application :26/10/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention: TENSIONING DEVICE FOR A SAFETY BELT •

(51) International classification	:A47J	(71)Name of Applicant:
(31) Priority Document No	:10 2010 018 512.4	1)AUTOLIV DEVELOPMENT AB
(32) Priority Date	:27/04/2010	Address of Applicant :Wallentinsvagen 22 S-44783 Vargarda
(33) Name of priority country	:Germany	Sweden
(86) International Application No	:PCT/EP2011/001057	(72)Name of Inventor:
Filing Date	:03/03/2011	1)THOMAS SCHMIDT
(87) International Publication No	:WO 2011/134567	2)MARTIN SCHMIDT
(61) Patent of Addition to Application	:NA	3)CHRISTIAN FISCHER
Number		4)MICHAEL PECH
Filing Date	:NA	5)MATTHIAS STEINBERG
(62) Divisional to Application Number	:NA	6)TOBIAS VOSS
Filing Date	:NA	

#### (57) Abstract:

The invention relates to a tensioning device (10) for a safety belt, in particular in a motor vehicle, comprising a gas generator (17), a piston (21), which is guided in a pipe (16) and closes a pressure chamber (20) in the pipe (16) and can be loaded with a pressure by the gas generator (17), whereby the piston (21) can be driven to perform a tensioning motion, which can be transmitted to the safety belt by means of a mass body (19a) lying on an end face (9) of the piston (21), wherein the piston (21) has a passage opening (1) that can be unblocked when a predetermined pressure is exceeded, and a recess (26) is provided in the end face (9). A flow connection from the passage opening (1) to the space (25) behind the piston (21) in the direction of the tensioning motion (S) is created by the recess when the mass body (19a) is in contact.

No. of Pages: 19 No. of Claims: 13

(22) Date of filing of Application :26/10/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention: STIMULATOR/FILTER DEVICE THAT SPANS PRINTHEAD LIQUID CHAMBER •

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:20/04/2011 :WO 2011/136991 :NA :NA	(71)Name of Applicant:  1)EASTMAN KODAK COMPANY Address of Applicant: 343 State Street Rochester NY 14650- 2201 U.S.A. (72)Name of Inventor: 1)MICHAEL FRANK BAUMER 2)YONGLIN XIE 3)ALI GERARDO LOPEZ
1 (01110 01	:NA :NA :NA	

#### (57) Abstract:

A jetting module (48) includes a nozzle plate (49), a thermal stimulation membrane (100), and an enclosure. Portions of the nozzle plate define a nozzle (50). The thermal stimulation membrane includes a plurality of pores (110). The enclosure extends from the nozzle towards the thermal stimulation membrane to define a liquid chamber (53) positioned between the nozzle and the thermal stimulation membrane. The liquid chamber is in fluid communication with each of the nozzle and the plurality of pores. The liquid chamber is spanned by a portion of the thermal stimulation membrane. A source provides a liquid under pressure through the thermal stimulation member with the pressure being sufficient to jet a stream of the liquid through the nozzle after the liquid flows through the thermal stimulation membrane.

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

(22) Date of filing of Application :26/10/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention : METHOD OF MANAGING A DEVICE FOR DISTRIBUTING ENGINE TORQUE UPON A FAILURE OF ITS SELECTION BUTTON •

(51) International classification :B60F (71)Name of Applicant: (31) Priority Document No :1052774 1)RENAULT S.A.S. (32) Priority Date Address of Applicant: 13-15 quai Le Gallo F-92100 :12/04/2010 (33) Name of priority country Boulogne-Billancourt France :France :PCT/FR2011/050639 (72)Name of Inventor : (86) International Application No Filing Date :25/03/2011 1)PASCAL FEBRER (87) International Publication No :WO 2011/128548 2)FRANCOIS FOUSSARD (61) Patent of Addition to Application 3)STEPHANE GUEGAN :NA Number 4)ALESSANDRO MONTI :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

The invention relates to a method of managing a device for distributing engine torque between a main wheel set and a secondary wheel set of a motor vehicle, said distributing device comprising an actuator (1) for distributing said engine torque, a control unit (2) exhibiting several modes of distribution of the engine torque and adopting one of these modes of distribution as a function of a variable V\_position and a button (3) for selecting mode of distribution delivering an item of information representative of the position of said button (3), the control unit (2) determining, in regular operation, the variable V\_position, as a function of said item of information representative of the position of said button (3); said method of management comprising: a step of detecting potential failure of the selection button (3), during which the consistency of the information item representative of the position of the button is verified; an activation of degraded mode of operation, when a failure of the button (3) has been detected, in which a constant value (K) is allocated to the variable V\_position; during degraded operation, a monitoring of end of failure during which the consistency of the item of information representative of the position of the button (3) is verified; an activation of regular mode of operation, when an end of failure has been detected.

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

(21) Application No.1351/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/02/2013 (43) Publication Date : 04/03/2016

# (54) Title of the invention: METHOD FOR MANAGING KEYS IN A MANIPULATION PROOF MANNER

(51) International classification	:H04L29/06,H04L12/22	(71)Name of Applicant:
(31) Priority Document No	:10 2010 043 102.8	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:29/10/2010	Address of Applicant: Wittelsbacherplatz 2 80333 M <sup>1</sup> / <sub>4</sub> nchen
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/068491	(72)Name of Inventor:
Filing Date	:24/10/2011	1)FALK Rainer
(87) International Publication No	:WO 2012/055794	2)SATTLER Carsten
(61) Patent of Addition to Application	:NA	3)SEIFERT Matthias
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The invention relates to a method for managing keys in a manipulation proof manner for a virtual private network (15a) comprising the following steps: authenticating a communication terminal (13) on an authentication server (18) by means of a first key over a public network (15) providing a communication key which is suitable for the communication over a virtual private network (15a) in the public network (15) for the authenticated communication terminal (13) over the public network (15) and encrypting the communication key in the communication terminal (13) by means of a second key which is provided by a manipulation protected monitoring device (14).

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

(22) Date of filing of Application :22/02/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention: METHOD AND SYSTEM FOR A MOTION COMPENSATED INPUT DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:24/06/2010 :WO 2011/025578 :NA :NA	(71)Name of Applicant:  1)GE AVIATION SYSTEMS LLC  Address of Applicant: 3290 PATTERSON AVENUE, SE GRAND RAPIDS, MICHIGAN 49512-1991, USA U.S.A. (72)Name of Inventor:  1)SKUTT, TIMOTHY DOUGLAS
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A method and system for a motion compensated input device are provided. The motion compensated input device includes an input device configured to receive a physical input from a user and convert the physical input into a physical input signal representative of the physical input, a motion sensing device configured to sense acceleration forces of at least one of the input device and the user, the acceleration forces introducing an error into the physical input, and an input compensator configured to adjust the physical input signal using the acceleration forces to generate a compensated input signal representative of the physical input.

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

(22) Date of filing of Application :26/10/2012

(43) Publication Date: 04/03/2016

# (54) Title of the invention : REDUCING THE DISSIMILARITY BETWEEN A FIRST MULTIVARIATE DATA SET AND A SECOND MULTIVARIATE DATA SET

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:19/04/2011 :WO 2011/133551 :NA :NA	(71)Name of Applicant:  1)GLOBAL MARKET INSITE INC.  Address of Applicant:1100 112th Avenue NE Suite 200 Bellevue WA 98004 U.S.A. (72)Name of Inventor:  1)EGGERS Mitchell 2)DRAKE Eli
- 14/	:NA :NA :NA	

#### (57) Abstract:

A categorization data structure is described that relates to two groups of individuals. For each of two or more categories, the data structure contains (1) information identifying individuals of the first group assigned to the category, and (2) information identifying individuals of the second group assigned to the category. For each category, the information can be used to adjust the individuals of the first group assigned to the category based upon comparing the proportion of all of the individuals of the second group that are assigned to the category to the proportion of all of the individuals of the first group that are assigned to the category.

No. of Pages: 43 No. of Claims: 56

(19) INDIA

(22) Date of filing of Application :26/10/2012 (43)

(21) Application No.9302/DELNP/2012 A

(43) Publication Date: 04/03/2016

### (54) Title of the invention: DAMPER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:B25J :102010022373.5 :26/05/2010 :Germany :PCT/US2011/037953 :25/05/2011 :WO 2011/150095 :NA :NA	(71)Name of Applicant:  1)ILLINOIS TOOL WORKS INC.  Address of Applicant: 3600 West Lake Avenue Glenview Illinois 60026 U.S.A. (72)Name of Inventor:  1)HILPERT J <sup>1</sup> / <sub>4</sub> rgen Benno
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Damper for dampening the movement of a component, in particular a component in the interior of an automobile, comprising a damper housing and a damper element being located at least partially within the damper housing and being moveable with regard to the damper housing, and a spring element being in operational connection with the damper element and biasing the damper element in a first moving direction, wherein mechanical locking means are provided which inhibit a movement of the damper element with regard to the damper housing at least in the first moving direction when the spring element is biased, and in that the mechanical locking means are releasable.

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

(21) Application No.9682/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/10/2015 (43) Publication Date: 04/03/2016

### (54) Title of the invention: AMPLIFIER TOPOLOGY FOR ENVELOPE TRACKING

(51) International classification :H03F1/02,H03F1/22,H03F3/24 (71)Name of Applicant : 1)ST ERICSSON SA (31) Priority Document No :13160179.1 (32) Priority Date :20/03/2013 Address of Applicant: Chemin du Champ des Filles 39 CH (33) Name of priority country 1228 Plan les Ouates Switzerland :EPO (72)Name of Inventor: (86) International Application No :PCT/EP2014/055581 1)KNOPIK Vincent Filing Date :20/03/2014 (87) International Publication No: WO 2014/147167 (61) Patent of Addition to :NA

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

Filing Date

### (57) Abstract:

An amplifier (100) comprises an input port (102) for receiving an input signal, an envelope port (104) for receiving an envelope signal indicative of an envelope of the input signal. The amplifier has a first transistor (MI) and a second transistor (M2). A first biasing circuit (120) is coupled to the envelope port (104) and is arranged to generate a first bias voltage dependent on the envelope signal. A summing stage (140) is coupled to the input port (102) for receiving the input signal, coupled to the first biasing circuit ENV (120) for receiving the first bias voltage, coupled to a gate (g) of the first transistor (Ml). A second biasing circuit (130) is coupled between the envelope port (104) and a gate (g 2) of the second transistor (M2), and is arranged to generate a second bias voltage dependent on the envelope signal.

No. of Pages: 37 No. of Claims: 15

(22) Date of filing of Application: 12/02/2013 (43) Publication Date: 04/03/2016

### (54) Title of the invention: ARRANGEMENT OF A RAIL AND A SLIP CONTACT HOLDER MOUNTED THEREON

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B66C7/08,H02G5/04 :10 2010 037 520.9 :14/09/2010 :Germany :PCT/EP2011/065327 :05/09/2011 :WO 2012/034893 :NA :NA :NA	<ul> <li>(71)Name of Applicant:</li> <li>1)DEMAG CRANES &amp; COMPONENTS GMBH Address of Applicant: Ruhrstr. 28 58300 Wetter Germany</li> <li>(72)Name of Inventor:</li> <li>1)SPIES Gerd</li> <li>2)FITZLER Stefan</li> <li>3)MLLER Sven</li> </ul>
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#### (57) Abstract:

The invention relates to an arrangement of a rail (2) for suspended conveyors or suspended cranes and a slip contact holder (39) mounted thereon wherein the rail (2) comprises a profile body (23) and a profile head (22) connected thereto and disposed above the profile body (23) wherein the profile body (23) is C shaped in cross section forms a hollow space for chassis and has a slit (31) open to the bottom and the profile head (22) comprises upper substantially horizontal profile walls (29a 29b) and the slip contact holder (39) is disposed within the hollow space (H) and attached to the upper profile walls (29a 29b). In order to produce an arrangement providing simple and secure attachment of the slip contact the invention proposes that a plurality of punchouts (41) are disposed in the upper profile walls (29a 29b) disposed in at least one row and at regular repeated distances as seen in the longitudinal direction of the rail (2) and barb like catch pawls (42) are disposed on the slip contact holder (39) and engage with the punchouts (41) in order to attach thereto.

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

(22) Date of filing of Application :29/10/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention: CUSTOMIZABLE COLLECTION DEVICE •

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:PA 2010 70180	1)COLOPLAST A/S
(32) Priority Date	:29/04/2010	Address of Applicant :Holtedam 1 DK-3050 Humlebaek
(33) Name of priority country	:Denmark	Denmark Denmark
(86) International Application No	:PCT/DK2011/050146	(72)Name of Inventor:
Filing Date	:29/04/2011	1)ESBEN STROEBECH
(87) International Publication No	:WO 2011/134482	2)DANUTA CIOK
(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 relates to a kit comprising at least one base plate for adhesive attachment to the skin around at least one body opening. The kit further comprises at least one separate peripheral device for attachment to the base plate. The base plate comprises a backing layer, having a proximal side facing the user during use, where a skin friendly adhesive is disposed on said proximal side of the backing layer and wherein the base plate is an intact base plate thereby allowing a hole to be cut at a desired position before use. The separate peripheral device comprises a continuous adhesive ring for permanent adhesive attachment between the continuous adhesive ring of the peripheral device and the distal side of the backing layer of the base plate. This allows the user to provide a custom fit for irregular body openings.

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

(22) Date of filing of Application :29/10/2012 (43) Publication Date : 04/03/2016

(54) Title of the invention : DOCKING STATION OF A CLEANING DEVICE METHOD OF STORING AND LEADING-IN THE CLEANING DEVICE AS WELL AS THE CLEANING DEVICE TO BE USED TOGETHER WITH THE DOCKING STATION  $\bullet$ 

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> </ul>	:22/04/2011 :WO 2011/136670 :NA	(71)Name of Applicant:  1)INTERNATIONAL TOBACCO MACHINERY POLAND SP. Z.O.O  Address of Applicant: Ul. Warsztatowa 19 A PL-26-600 Radom Poland Poland (72)Name of Inventor:  1)ADAM GIELNIEWSKI
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Docking station (1) with a clearing device for a channel (4) for the mass flow of rod-shaped articles (5) used in the tobacco industry, provided with storage means (2) containing the clearing device (3) wherein the storage means are adapted in such a way that they are led in into the channel in response to a signal of presence of the end face of mass flow at the place at which the clearing device is led in or out; moving means (14) for inserting the clearing device into the channel after the storage means have been led in into the channel; furthermore, the storage means are adapted in such a way that they are led out of the installation channel in response to the signal of presence of the end face of the cleaning device in the channel.

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

(21) Application No.9687/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date: 04/03/2016

### (54) Title of the invention: ADDITIVE FOR IMPROVING THE OXIDATION- STABILITY AND/OR STORAGE- STABILITY OF LIQUID HYDROCARBON FUELS OR COMBUSTIBLE SUBSTANCES

:C10L1/238,C10L1/2383 (71)Name of Applicant : (51) International classification (31) Priority Document No :1353765 (32) Priority Date :25/04/2013 (33) Name of priority country :France (86) International Application No :PCT/EP2014/058014 Filing Date :18/04/2014 (87) International Publication No :WO 2014/173844

:NA

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

1)TOTAL MARKETING SERVICES

Address of Applicant :24 Cours Michelet F 92800 Puteaux

France

(72) Name of Inventor: 1)PAPIN Graldine 2)TORT Frdric

3) VERMOREL Christian

4)CROC Pauline

#### (57) Abstract:

Filing Date

The prsent invention relates to the use of at least one modified alkylphenol-aldehyde resin as an additive which improves the oxidation-stability and/or storage-stability of a liquid hydrocarbon fuel or oxidizer composition. The modified alkylphenol-aldehyde resin can be obtained by Mannich reaction of an alkylphenol-aldehyde condensation resin with: at least one aldhyde and/or one ketone having from 1 to 8 carbon atoms, preferably from 1 to 4 carbon atoms; and at least one hydrocarbon compound having at least one alkyl monoamine or alkyl polyamine (alkylamine) group, having between 1 to 30 carbon atoms. The alkylphenolaldehyde condensation resin can itself be obtained by condensation of: at least one alkylphenol substituted with at least one linear or branched alkyl group, having from 1 to 30 carbon atoms, preferably a monoalkylphenol; and at least one aldhyde and/or one ketone having from 1 to 8 carbon atoms, preferably from 1 to 4 carbon atoms.

No. of Pages: 27 No. of Claims: 17

(21) Application No.9688/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

### (54) Title of the invention: ARCHITECTURE OF DRIVE UNIT EMPLOYING GALLIUM NITRIDE SWITCHES

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:H02M1/08,H02P27/06,H01L21/205 :NA :NA :NA :PCT/US2013/035743 :09/04/2013 :WO 2014/168607 :NA :NA	(71)Name of Applicant:  1)OTIS ELEVATOR COMPANY Address of Applicant: Ten Farm Springs Road Farmington Connecticut 06032 U.S.A. (72)Name of Inventor: 1)KRISHNAMURTHY Shashank 2)WU Xin 3)VERONESI William A. 4)ROGERS Kyle W. 5)MARVIN Daryl J.
Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A drive unit for a motor includes a printed circuit board (PCB); a first gallium nitride switch having a gate, the first gallium nitride switch mounted to the PCB; a second gallium nitride switch having a gate, the second gallium nitride switch mounted to the PCB; a gate driver generating a turn-off drive signal to turn off the first gallium nitride switch and turn off the second gallium nitride switch; a first turn-off trace on the PCB, the first turn-off trace directing the turn-off drive signal to the gate of the first gallium nitride switch; and a second turn-off trace on the PCB, the second turn-off trace directing the turn-off drive signal to the gate of the second gallium nitride switch; wherein an impedance of the first turn-off trace is substantially equal to an impedance of the second turn-off trace.

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

(21) Application No.9689/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: PRODUCTION METHOD FOR ANIMAL EXCREMENT TREATMENT MATERIAL AND PRODUCTION DEVICE THEREFOR

(51) International classification (71)Name of Applicant: :A01K1/015 (31) Priority Document No :2013060924 1)UNI CHARM CORPORATION (32) Priority Date Address of Applicant: 182 Shimobun Kinsei cho Shikokuchuo :22/03/2013 (33) Name of priority country shi Ehime 7990111 Japan :Japan (86) International Application No :PCT/JP2013/062965 2)PEPARLET CO.LTD. (72) Name of Inventor: Filing Date :08/05/2013 (87) International Publication No :WO 2014/147851 1)MOCHIZUKI Shotaro (61) Patent of Addition to Application 2)YAMADA Hidekazu :NA Number 3)OTOMO Takahiro :NA Filing Date 4)SOGO Tatsuya (62) Divisional to Application Number :NA 5)TAKAGI Chiyo Filing Date :NA

### (57) Abstract:

[Problemj Go provide a more logical construction technology for animal excretion treatment material. [Solution] A production method for animal excretion treatment material and a production device therefor, having a step in which a raw material is pulverized and a pulverized material is obtained and a step in which the pulverized material is granulized. In the step in which the pulverized material is obtained, the raw material is pulverized by a pulverizer (300) and the pulverized material is obtained. The pulverizer (300) has: an insertion port (10) for the raw material; a pulverization chamber (320) for the raw material; a pulverization mechanism (330) provided inside the pulverization chamber (320); a mesh screen (340) through which passes the raw material pulverized by the pulverization mechanism (330) and having a plurality of openings; and a discharge port (340) connected to the openings in the mesh screen (340).

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

(21) Application No.9698/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date: 04/03/2016

### (54) Title of the invention: FILTER SELECTION FOR DELIVERING SPATIAL AUDIO

:PCT/US2014/030858

:WO 2014/145991

:17/03/2014

(51) International classification :G11B7/00,G10K11/16,H04R1/00 (71)Name of Applicant:

:61/786445 (31) Priority Document No (32) Priority Date :15/03/2013 (33) Name of priority country :U.S.A.

(86) International Application

No 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)ALIPHCOM

Address of Applicant: Third Floor 99 Rhode Island Street San

Francisco California 94103 U.S.A.

2)HALL, James

3)DONALDSON, Thomas, Alan

(72)Name of Inventor:

1)HALL James

2)DONALDSON Thomas Alan

#### (57) Abstract:

Various embodiments relate generally to electrical and electronic hardware, computer software, wired and wireless network communications, and audio and speaker systems. More specifically, disclosed are an apparatus and a method for processing signals for optimizing audio, such as 3D audio, by adjusting the filtering for cross-talk cancellation based on listener position and/or orientation. In one embodiment, an apparatus is configured to include a plurality of transducers, a memory, and a processor configured to execute instructions to determine a physical characteristic of a listener relative to the origination of the multiple channels of audio, to cancel crosstalk in a spatial region coincident with the listener at a first location, to detect a change in the physical characteristic of the listener, and to adjust the cancellation of crosstalk responsive to detecting the change in the physical characteristic to establish another spatial region at a second location.

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

(21) Application No.9699/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention : BIOMARKER SENSOR ARRAY AND CIRCUIT AND METHODS OF USING AND FORMING SAME

(31) Priority Document No :61/787881 (32) Priority Date :15/03/2013	(71)Name of Applicant:  1)TAKULAPALLI Bharath Address of Applicant:863 E. Sheffield Avenue Chandler AZ 85225 U.S.A. (72)Name of Inventor: 1)TAKULAPALLI Bharath
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#### (57) Abstract:

The present disclosure relates to biomarker sensor arrays, to circuits including the sensor arrays, to systems including the arrays, and to methods of forming and using the arrays, circuits, and systems. The arrays, circuits, and systems can be used to detect a variety of materials, including chemical, biological, and radioactive materials. The arrays and circuits can be used for, for example, screening tests, disease diagnostics, prognostics and disease monitoring.

No. of Pages: 36 No. of Claims: 25

(21) Application No.9715/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

### (54) Title of the invention: DRIVE SYSTEM DECOUPLING ARRANGEMENT FOR A SURGICAL INSTRUMENT

(51) International :A61B17/068,A61B17/072,A61B17/115

classification .AoIB17/008,AoIB17/072,AoIB17/1

(31) Priority Document

No :61/812365

(32) Priority Date :16/04/2013 (33) Name of priority :U.S.A.

country

(86) International Application No :PCT/US2014/033900

Filing Date :12/04/2014

(87) International Publication No :WO 2014/172215

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

Application Number
Filing Date
(62) Divisional to
Application Number

NA

:NA
:NA
:NA
:NA

Filing Date :NA

(71)Name of Applicant:

1)ETHICON ENDO SURGERY INC.

Address of Applicant :4545 Creek Road Cincinnati OH 45242

U.S.A.

(72)Name of Inventor:

1)SHELTON IV Frederick E.

2)STOKES Michael J.

3)PARIHAR Shailendra K.

4)BAXTERIII Chester O.

### (57) Abstract:

A surgical end effector is disclosed. The surgical end effector can comprise a shaft and a pair of jaws. The surgical end effector can further comprise a housing and a drive system, which can be positioned within the housing. The drive system can comprise a proximal assembly and a distal assembly, wherein the proximal assembly can be releasably coupled to the distal assembly by a pin.

No. of Pages: 249 No. of Claims: 23

(21) Application No.9707/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: INLINE CALIBRATION OF MOTION SENSOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:G06F15/00 :61/801848 :15/03/2013 :U.S.A. :PCT/US2014/030852 :17/03/2014 :WO 2014/145985 :NA :NA	(71)Name of Applicant: 1)ALIPHCOM Address of Applicant: Third Floor 99 Rhode Island Street San Francisco California 94103 U.S.A. 2)DONALDSON,Thomas Alan (72)Name of Inventor: 1)DONALDSON Thomas Alan
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Embodiments of the invention relate generally to electrical and electronic hardware, computer software, wired and wireless network communications, and wearable computing devices for facilitating health and wellness-related information. More specifically, disclosed are systems, methods, devices, computer readable medium, and apparatuses configured to determine activity and activity types, including gestures, from sensed motion signals using, for example, a wear able device (or carried device) and one or more motion sensors. In at least one embodiment, a method includes receiving data representing a motion sensor signal and determining whether the wearable device is in a still state. The method also can include calibrating the motion sensor signal in-situ to form a calibrated motion signal, generating intermediate motion signals based on the calibrated motion sensor signal, and identifying an activity based on the intermediate motion signals.

No. of Pages: 34 No. of Claims: 20

(22) Date of filing of Application: 15/10/2015 (43) Publication Date: 04/03/2016

### (54) Title of the invention: DYNAMIC CONTROL OF SAMPLING RATE OF MOTION TO MODIFY POWER CONSUMPTION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:A61B5/11 :61/802130 :15/03/2013 :U.S.A. :PCT/US2014/029801 :14/03/2014 :WO 2014/145114 :NA :NA	(71)Name of Applicant: 1)ALIPHCOM Address of Applicant: Third Floor 99 Rhode Island Street San Francisco CA 94103 U.S.A. 2)DONALDSON, Thomas Alan (72)Name of Inventor: 1)DONALDSON Thomas Alan
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Embodiments of the relate generally to electrical and electronic hardware, computer software, wired and wireless network communications, and wearable computing devices for facilitating health and wellness -related information. More specifically, disclosed are systems, methods, devices, computer readable medium, and apparatuses configured to determine activity and activity types, including gestures, from sensed motion signals using, for example, a wearable device (or carried device) and one or more motion sensors. In one embodiment, an apparatus can include a wearable housing and a motion sensor. The apparatus can also include a signal preprocessor, which may include a sample rate controller configured to modify a sample rate of a motion sensor signal to form an adjusted sample rate with which to sample the motion sensor signal. Further, the apparatus can include an intermediate motion signal generator and an activity processor configured to identify an activity based on the intermediate motion signals.

No. of Pages: 34 No. of Claims: 20

(21) Application No.9745/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date: 04/03/2016

### (54) Title of the invention: ELECTROSTATIC SPRAY DEVICE FOR SPRAYING A LIQUID COATING PRODUCT AND SPRAY FACILITY COMPRISING SUCH A SPRAY DEVICE

(51) International classification :B05B5/04,B05B5/053 (71)Name of Applicant : (31) Priority Document No :1353636

(32) Priority Date :22/04/2013 (33) Name of priority country :France

(86) International Application No :PCT/EP2014/057995 Filing Date :18/04/2014

(87) International Publication No :WO 2014/173837

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

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

1)SAMES TECHNOLOGIES

Address of Applicant :13 Chemin de Malacher F 38240

Meylan France

(72) Name of Inventor:

1)PRUS Eric

2) CHEVRON Didier

#### (57) Abstract:

The invention relates to an electrostatic spray device for spraying a liquid coating product, comprising a rotating bowl (20) and means (42) for driving said bowl around a rotational axis (X 30), the bowl defining a concave surface (212) for the distribution of the coating product and an edge (214) which limits an area (Z 2) for the spraying of the coating product. Said spray device is provided with at least one lectrode (22) that charges by means of ionisation of drops (3000) of the coating product. Said lectrode (22) charging by means of ionisation is arranged, in relation to the edge (214) and along the rotational axis (X opposite the spray area (Z 2), between the edge and the means (42) for driving the bowl (20). A second lectrode (70) mounted on a stationary body (30) allows the cration of an electrostatic field for transporting drops. A third lectrode (90), which i s also mounted on a stationary body, is brought to an intermediate potential between those of the first and second lectrodes (22, 70) during the opration of the spray device.

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

(21) Application No.9705/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention : COMMUNICATION CONTROL APPARATUS, COMMUNICATION CONTROL METHOD AND TERMINAL APPARATUS

(51) International :H04W52/02,H04W16/32,H04W48/16

(31) Priority Document No :2013167486

(32) Priority Date :12/08/2013

(33) Name of priority :Japan

country

(86) International Application No :PCT/JP2014/066743

Filing Date :24/06/2014

(87) International :WO 2015/022813

Publication No :wO 2015/022

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

### (57) Abstract:

[Problem] To allow the reduction of power consumption of the base station of a small cell and further allow the suppression of deterioration of communication quality of wireless communications in the small cell. [Solution] Provided is a communication control apparatus comprising: an acquisition unit that acquires a result of measurements per formed by a terminal apparatus for one or more small cells partially or entirely overlapping a macro cell; and a selection unit that, on the basis of the result of the measurements, selects, from among the base stations of the one or more small cells, a base station that is not to be made inactive.

No. of Pages: 68 No. of Claims: 17

(22) Date of filing of Application: 15/10/2015 (43) Publication Date: 04/03/2016

### (54) Title of the invention: PROCESS TO PRODUCE RICE BRAN HYDROLYSATES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:13167819.5 :15/05/2013 :EPO	(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)JANSE Arthur Maurits Christiaan 2)SARDJOEPERSAD Sandjai 3)SMOLDERS Gerardus Johannes Franciscus 4)VEERMAN Cecile
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The present invention provides a (preferably defatted) rice bran hydrolysate composition which comprises of more than 50 wt% (on dry matter) of (polypeptides and which has a DH (Degree of Hydrolysis) of at least 10%, preferably between 10 and 15% and more than 90%, preferably more than 95%, of the (poly) peptides has a molecular weight (MW) of more than 500 Da. According to another aspect of the invention a process to produce a (preferably defatted) rice bran hydrolysate composition (preferably having a protein content of more than 50 wt% (on dry matter) is provided which comprises adding an aqueous liquid, preferably water, to (preferably defatted) rice bran; - separating the liquid from the solid fraction to obtain a washed solid fraction; - adding an enzyme or enzyme composition to a suspension of the washed solid fraction which suspension has a concentration of between 5 and 30 wt%, preferably of between 12 and 30 wt%; - performing an enzyme incubation preferably at a pH between 6 and 8; - performing the enzyme incubation at a temperature of between 30 and 80 °C preferably between 45 and 65 °C; and - optionally separating the liquid from the solid fraction; whereby the enzyme or enzyme composition comprises an endoprotease.

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

(21) Application No.9717/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: IMPROVED SPRAYING HEAD

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:B05B11/00 :1353102 :08/04/2013 :France :PCT/FR2014/050814 :04/04/2014 :WO 2014/167224 :NA	(71)Name of Applicant:  1)APTAR FRANCE SAS  Address of Applicant: BP G Le Prieur F 27110 Le Neubourg France (72)Name of Inventor:  1)LE MANER Fran§ois
` /		
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract:

The invention relates to a spraying head (1) for a device for dispensing a fluid product, said spraying head (1) comprising a body (10) defining an jection channel (11) ending in a dispensing opening (12), an insert (20) being arranged in said jection channel (11), the downstream end of said insert (20) defining with the downstream end portion of said jection channel (11), a spraying profile in the direction of flow of the product, said insert (20) comprising a resiliently deformable portion (21) suitable for deforming in order to absorb and/or compensate for the size variations of said body (10) and/or of said insert (20), and/or to compensate for dformations and/or movements of said insert (20) in said body (10), said resiliently deformable portion (21) of the insert (20) comprising axially and/or radially deformable tabs (210) and/or a portion (220) that is overmoulded with deformable material and/or one or more radial openings (230) passing through said insert (20) and/or at least one angled strip of deformable material (240).

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

(21) Application No.9718/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: METHOD FOR ISOLATING CASPOFUNGIN

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:1301/DEL/2013 :02/05/2013 :India	(71)Name of Applicant:  1)DSM SINOCHEM PHARMACEUTICALS  NETHERLANDS B.V.  Address of Applicant: P.O.Box 245 Alexander Fleminglaan 1  NL 2613 AX Delft Netherlands (72)Name of Inventor:  1)PATER DE Robertus Mattheus 2)TEWARI Neeraj 3)SINGH YADAV Roop
- 10	:NA :NA :NA	3)SINGH YADAV Roop

# (57) Abstract:

The present invention relates to a method for isolating caspofungin and to an ovel crystalline form of caspofungin diacetate thus obtained.

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

(43) Publication Date: 04/03/2016

(21) Application No.9719/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015

# (54) Title of the invention: POLYMERIC FOAM

(51) International classification	:C08J9/00	(71)Name of Applicant :
(31) Priority Document No	:13164042.7	1)DSM IP ASSETS B.V.
(32) Priority Date	:17/04/2013	Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen
(33) Name of priority country	:EPO	Netherlands
(86) International Application No	:PCT/EP2014/057348	(72)Name of Inventor:
Filing Date	:11/04/2014	1)AUSSEMS Hendricus Franciscus
(87) International Publication No	:WO 2014/170217	2)HEUVEL VAN DEN Paul Willem Jan
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

# (57) Abstract:

Polymeric foam, characterized in that the polymeric foam is produced from a polymer composition comprising a polyester containing monomeric units of a dimerised fatty acid and/or a derivative thereof and further monomer units of at least one dicarboxylic acid and at least one diol, which polymer composition is uncrosslinked.

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

(21) Application No.2421/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :26/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A RAILWAY TRACK CLEANING MACHINE

(51) International classification	:E01H8/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TPS INFRASTRUCTURE LIMITED
(32) Priority Date	:NA	Address of Applicant :84, M-BLOCK COMMERCIAL
(33) Name of priority country	:NA	COMPLEX, GREATER KAILASH-II, NEW DELHI-110048,
(86) International Application No	:NA	INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VIRENDRA OBEROI
(61) Patent of Addition to Application Number	:NA	2)AMRISH KUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

This invention relates to a railway track cleaning machine comprising of a plurality of suction nozzles connected to a suction head at the end to supply litter from the track to dust hopper together with a water jetting cleaning system to clean the rail.

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

(21) Application No.9740/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application:15/10/2015 (43) Publication Date: 04/03/2016

# (54) Title of the invention: TRICYCLIC TRIAZOLIC COMPOUNDS AS SIGMA RECEPTORS LIGANS

(51) International :C07D498/14,A61K31/5383,A61P25/00 classification

(31) Priority Document

:13382143.9

(32) Priority Date :19/04/2013 (33) Name of priority

country

(86) International Application No

:21/04/2014 Filing Date

(87) International

Publication No

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

Filing Date

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

:WO 2014/170494

:PCT/EP2014/058036

:NA

:EPO

:NA

(57) Abstract:

(71)Name of Applicant:

1)LABORATORIOS DEL DR. ESTEVE S.A.

Address of Applicant : Avda. Mare de Deu de Montserrat 221

E 08041 Barcelona Spain

(72)Name of Inventor:

1)DIAZ FERN • NDEZ Jos Luis 2)ALMANSA ROSALES Carmen 3) CUEVAS CORDOB‰S Flix

The present invention relates to new tricyclic triazolic compounds of formula (I) having a great affinity for sigma receptors, especially sigma-1 receptors, as well as to the process for the preparation thereof, to compositions comprising them, and to their use as medicaments for treating e.g. pain related diseases

No. of Pages: 83 No. of Claims: 15

(21) Application No.9741/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: PROCESS FOR INITIATING OPERATIONS OF A SEPARATION 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 :N	13/888853 07/05/2013 U.S.A.	(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)HOEHN Richard 2)SULLIVAN Shannon Maureen 3)VAIDYANATHAN Krishnan
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#### (57) Abstract:

One exemplary embodiment can be a process for initiating operations of a separation apparatus. The process may include passing a hydrocarbon carrier having a sulfiding agent through an exchanger for heating the hydrocarbon carrier prior to entering a stripper. Optionally, the hydrocarbon carrier can be passed through a cold side of the exchanger, and a bottom stream from a fractionation column may be passed through a hot side of the exchanger.

No. of Pages: 20 No. of Claims: 10

(21) Application No.9742/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention : SELF CONTAINED MODULAR ANALYTICAL CARTRIDGE AND PROGRAMMABLE REAGENT DELIVERY SYSTEM

(51) International classification :B01L3/00,G01N35/10 (71)Name of Applicant : (31) Priority Document No 1)ROBERTS Leslie Don :61/802408 (32) Priority Date Address of Applicant :5224 El Campo Avenue Fort Worth :16/03/2013 (33) Name of priority country Texas 76107 U.S.A. :U.S.A. (86) International Application No :PCT/US2014/016574 (72) Name of Inventor: Filing Date :14/02/2014 1)ROBERTS Leslie Don (87) International Publication No :WO 2014/149277 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

A modular system for constructing a variety of self-contained analytical cartridges enabled to perform a number of symmetrical or asymmetrical tests on a single sample source within a single device. Said cartridges are embodied as a readily reversible assemblage of two or more modules that are, in turn, operable to perform one or more tasks of an analytical test as discrete articles-of-manufacture. A programmable reagent delivery system comprising one or more serialized reagent clusters having one or more wet cells (individually packaged reagents) and zero or more dry cells (calibrated spacers); wherein, said wet cells are arranged in a linear series corresponding to prescribed temporal release sequence and dry cells are inter positioned between wet cells in a manner that enables two or more test protocols having asymmetrical release sequences to be synchronized such that a single mechanism can actuate more than one test protocol simultaneously.

No. of Pages: 43 No. of Claims: 35

(22) Date of filing of Application :22/02/2012 (43) Publication Date : 04/03/2016

## (54) Title of the invention : SOLVENT-BASED AND WATER-BASED CARBON NANOTUBE INKS WITH REMOVABLE ADDITIVES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:C09D 11/00 :61/234,203 :14/08/2009 :U.S.A. :PCT/US2010/045391 :12/08/2010 :WO 2011/019970 :NA :NA	(71)Name of Applicant: 1)NANO-C, INC. Address of Applicant: 33 SOUTHWEST PARK, WESTWOOD, MA 02090, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)RAMESH SIVARAJAN 2)HENNING RICHTER 3)VIKTOR VEJINS
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

In accordance with some embodiments, compositions and methods for forming solvent-based and water-based carbon nanotubes inks with removable additives are provided. In some embodiments, the ink composition comprises one or more carbon nanotubes, a solvent, and a removable additive, which may function as a stabilizing agent, a viscosity adjustment agent, or any suitable combination thereof. The removable additive may be removed from articles derived from the ink composition by means of thermal annealing.

No. of Pages: 38 No. of Claims: 26

(22) Date of filing of Application :22/02/2012 (43) Publication Date : 04/03/2016

## (54) Title of the invention: METHOD FOR OPERATING AN INJECTION NOZZLE

(51) International classification	:C12L	(71)Name of Applicant :
(31) Priority Document No	:102011075876.3	
(32) Priority Date	:16/05/2011	Address of Applicant :POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART, GERMANY Germany
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)STEINBRECHER, CHRISTIAN
(87) International Publication No	:NA	2)RUECKLE, MARKUS
(61) Patent of Addition to Application Number	:NA	3)DEMIR, TOLUNAY
Filing Date	:NA	4)GROTA, BEATE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Described herein is a method for operating at least one injection nozzle (46) of an injection system for an internal combustion engine (44), wherein the internal combustion engine (44) has, at a k-th start of the internal combustion engine (44), a start speed (100, 102, 104, 106) as speed at the beginning of the k-th start. The method includes increasing the speed of the internal combustion engine (44) during an injection, which is carried out by the at least one injection nozzle (46), to a target-idle speed. Further, an actuation duration for the at least one injection nozzle (46) for a subsequent k+l-th start of the internal combustion engine (44) is adjusted based on the start speed (100, 102, 104, 106) and at least one further speed, which is resulted at the k-th start after the start speed (100, 102, 104, 106).

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

(22) Date of filing of Application :02/09/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: A PROCESS FOR THE DEFLUORIDATION OF DRINKING WATER

(51) International classification	:B01J20/04	(71)Name of Applicant:
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RAJENDRA SINGH THAKUR
(61) Patent of Addition to Application Number	:NA	2)SAROJ SHARMA
Filing Date	:NA	3)CHIRAGKUMAR RAMESHBHAI SHARMA
(62) Divisional to Application Number	:NA	4)AKSHAY RAMESHKUMAR BAVDA
Filing Date	:NA	5)PRATAP SHASHIKANT BAPAT

#### (57) Abstract:

Drinking water containing higher levels of fluoride is lowered by the use of activated alumina in a column by passing the spiked water and regenerating solution from bottom of the column and collecting the output from the top of the column. Pre-treatment with KHSO4 or NaHS04 delivers safe water with a flow rate in excess of 40 LPH. Regeneration of spent activated alumina is performed with Na2CO3, another safe chemical. High level of sulphate in the treated water is lowered by the use of aminated form of MMA-co-EGDMA resin, synthesized in a single vessel set up in particle size distribution controlled manner.

No. of Pages: 27 No. of Claims: 5

(21) Application No.2417/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :26/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : HIGH PERFORMANCE LIGHT WEIGHT CARON FIBER FABRIC-ELECTORSPUN CARBON NANOFIBERS HYBRID POLYMER COMPOSITES

(51) International classification	:D01D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SANJAY RANGNATH DHAKATE
(61) Patent of Addition to Application Number	:NA	2)ANISHA CHAUDHARY
Filing Date	:NA	3)ASHISH GUPTA
(62) Divisional to Application Number	:NA	4)RAKESH BEHARI MATHUR
Filing Date	:NA	

#### (57) Abstract:

The present invention discloses development of high performance light weight carbon fiber fabric - electrospun carbon nanofibers hybrid polymer composites and a process thereof. In this process continuous carbon nanofiber sheets of diameter in the range of few hundred nanometers are developed from electrospun PAN nanofibers and sandwich between the carbon fiber fabric epoxy resin prepregs to develop hybrid polymer composites by compression molding technique with low content of carbon fibers.

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

(22) Date of filing of Application :26/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : A PROCESS FOR THE PREPARATION OF ENANTIOMERICALLY PURE ISOMERS OF 2,2'-DIHYDROXY-1,1' BINAPHTHYL-3,3'-DICARBOXYLIC ACID (DICARBOXYLIC, ACIDS)

(51) Intermetional electification	:C07C	(71)Name of Applicant:
(51) International classification	233/47	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(31) Priority Document No	:NA	RESEARCH
(32) Priority Date	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(33) Name of priority country	:NA	MARG, NEW DELHI - 110 001, INDIA. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)CHINNASAMY RAMARAJ RAMANATHAN
(87) International Publication No	: NA	2)NAGAMALLA SOMESHWAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention relates to the classical resolution protocol to synthesize enantiomerically pure isomers of BINOL-3,3-dicarboxylic acid as given in general formula 1 using enantiomerically pure chiral resolving agent (1f,2f)-fraA7s-cyclohexane-1,2-diamine.

No. of Pages: 22 No. of Claims: 6

(21) Application No.2491/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :01/09/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: PROMOTER NUCLEIC ACID MOLECULES DERIVED FROM GORDONIA AND USES THEREOF

(51) International classification		(71)Name of Applicant:
	3/02	1)INDIAN INSTITUTE OF TECHNOLOGY DELHI
(31) Priority Document No	:NA	Address of Applicant :Hauz Khas, New Delhi 110 016 Delhi
(32) Priority Date	:NA	India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)SRIVASTAVA, Preeti
Filing Date	:NA	2)SINGH, Pooja
(87) International Publication No	: NA	3)CHACHAN, Sahil
(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 recombinant DNA constructs, vectors comprising the said DNA constructs, and recombinant host cell comprising said recombinant DNA constructs or said recombinant DNA vectors that comprises a promoter sequence and variants thereof isolated from Gordonia. Particularly, the present disclosure teaches promoter sequences useful in driving expression of operably linked genes in the stationary phase of the microbial host cell.

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

(21) Application No.10354/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/12/2014

(43) Publication Date: 04/03/2016

### (54) Title of the invention: METHOD FOR TRANSMITTING A MPLS HEADER, METHOD FOR ESTABLISHING A MPLS PATH AND METHOD FOR PERFORMING A HANDOVER OF AN MPLS PATH

(51) International classification :H04W28/06

(31) Priority Document No :PCT/EP2011/001867 (32) Priority Date :13/04/2011

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2011/001867 (72)Name of Inventor : Filing Date :13/04/2011

(87) International Publication No : NA (61) Patent of Addition to Application :NA Number

:NA Filing Date (62) Divisional to Application Number

:8540/DELNP/2013 Filed on :01/10/2013

(71)Name of Applicant:

1) DEUTSCHE TELEKOM AG

Address of Applicant: Friedrich-Ebert-Allee 140, 53113 Bonn,

Germany Germany

1)RAINER SCHATZMAYR

(57) Abstract:

The present invention refers to a method for transmitting a Multi-Protocol Label Switching (MPLS) header from a first nodal point to a second nodal point via a mobile communication network, in particular a Long Term Evolution network, comprising the steps of modifying the Multi-Protocol Label Switching header by reducing the size of the Multi-Protocol Label Switching header and transmitting the modified Multi-Protocol Label Switching header from the first nodal point to the second nodal point by means of an air interface using a dedicated radio bearer. The invention furthermore refers to a method for establishing a Multi-Protocol Label Switching (MPLS) path and a method for performing a handover of a Multi-Protocol Label Switching (MPLS) path.

No. of Pages: 31 No. of Claims: 15

(21) Application No.1326/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/02/2013 (43) Publication Date : 04/03/2016

## (54) Title of the invention: METHOD AND SYSTEM FOR PRODUCING CLEAR ICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:29/07/2011 :WO 2012/018686 :NA :NA	(71)Name of Applicant:  1)MANITOWOC FOODSERVICE COMPANIES LLC Address of Applicant: 2400 South 44th Street Manitowoc WI 54220 U.S.A. (72)Name of Inventor: 1)MUELLER Lee Gerard 2)ERBS Daryl G.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A method for making clear ice comprising: filling a water sump to a predetermined level; contacting a refrigerant to an evaporator; circulating water from the sump over the evaporator to form ice on the evaporator; monitoring the water level in the sump; and monitoring the conductivity of the water in the sump to determine if the conductivity of the water is equal to or greater than a predetermined conductivity valve (i) if the conductivity is not equal to or greater than the predetermined conductivity valve and if the water level reaches a predetermined lower water level then complete the ice making cycle and initiate the harvest cycle; or (ii) if the conductivity is equal to or greater than the predetermined conductivity valve and if the water level has not reached a predetermined lower water level then add additional water to the water sump.

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

(22) Date of filing of Application :01/09/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: PACKET FRAGMENTATION IN INTERNET PROTOCOL NETWORKS

(74) 7	**********	71.33
(51) International classification	:H04W28/06	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ALCATEL LUCENT
(32) Priority Date	:NA	Address of Applicant :148/152 route de la Reine 92100
(33) Name of priority country	:NA	Boulogne-Billancourt France
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GUPTA, Varun
(87) 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 subject matter relates to fragmentation of internet protocol (IP) packets for transmission between two terminal nodes in an IP network. The method includes obtaining outlink maximum transmission units (MTUs) of nodes in a packet transmission path between a first terminal node (102-1) and a second terminal node (102-2) in the IP network; determining a permissible outlink payload for each of the nodes; determining an MTU degradation factor for each of the nodes; and identifying a set of fragmentation nodal points for fragmentation of IP packets during transmission between the first terminal node (102-1) and the second terminal node (102-2). The set includes one of the first terminal node (102-1) and the second terminal node (102-2), and includes the intermediate network nodes having the MTU degradation factor as one of more than and equal to a predefined threshold MTU degradation factor.

No. of Pages: 56 No. of Claims: 18

(22) Date of filing of Application :29/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention : AN IMPROVED PROCESS FOR THE PYROLYSIS OF DEPOPULATED PRINTED CIRCUIT BOARDS (PCBS) OF E-WASTE

(51) International classification	:H01R4/48	(71)Name of Applicant:
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)S. RANGANATHAN
(61) Patent of Addition to Application Number	:NA	2)VINOD KUMAR
Filing Date	:NA	3)MANISH KUMAR JHA
(62) Divisional to Application Number	:NA	4)ANJAN KUMARI
Filing Date	:NA	

## (57) Abstract:

The present invention provides an efficient process for the pyrolysis of electronic waste material in a flowing stream of inert gas at low temperature and short time intervals. Complete pyrolysis of the waste is achieved during this period and the temperature used. This reduces the energy consumption and increases the productivity of the process.

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

(22) Date of filing of Application :29/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention : RICINOLEIC AND DIBASIC ACID BASED ESTOLIDE ESTERS USEFUL AS LUBRICANT BASESTOCKS

(51) International classification	:C08G63/00	(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 - 110 001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ARUKALI SAMMAIAH
(61) Patent of Addition to Application Number	:NA	2)KORLIPARA VENKATA PADMAJA
Filing Date	:NA	3)RACHAPUDI BADARI NARAYANA PRASAD
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A novel class of tetra and triesters are prepared by reacting ricinoleic acid methyl ester with dibasic acids (C6,8,io)- The carboxylic acid moiety present in triesters was esterified with different alcohols with varying chain length. All the products were characterized by H NMR, 13CNMR, FT-IR, and ESI-MS analysis and evaluated for their physico-chemical properties like acid value, density and lubricant properties namely viscosity, viscosity index (V.I), pour point and oxidation stability by Differential Scanning Calorimeter. The products exhibited very low pour points (-48 to <-60  $^{\circ}$ C) and high viscosity index (131 to 182) and are useful as lubricant basestocks for environmentally friendly industrial oils and automotive applications.

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

(22) Date of filing of Application :03/09/2014 (43) Publication Date : 04/03/2016

### (54) Title of the invention: HORIZONTAL AXIS WINDMILL WITH STORM SAFETY DEVICE.

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:F03D7/02 :NA :NA :NA :NA :NA : NA : NA	(71)Name of Applicant: 1)RANJEET SINGH Address of Applicant: VILLAGE-NAUBASTA KALAN, P.O-GOILA DISTT. LUCKNOW-226028 Uttar Pradesh India (72)Name of Inventor: 1)RANJEET SINGH
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The embodiment of the invention disclosed herein is power conversion device which is used in the field of mechanical and electrical machines. A horizontal axis wind mill includes a rotor, tower and reciprocating pump. Rotor includes plurality of air sails attached with rotor frame for causing the rotor to rotate about horizontal axis in response to wind passing. Air sails remain pivotally attached with rotor frame by the help of lock pins. A holder remains connected between an arm of rotor frame and a pin attached with air sail. Holder remains held air sail, and does not allow to move about pivot but at high wind velocity it releases air sail and air sail becomes free to move about pivot. Once air sail becomes free from holder it adjusts automatically its position about pivot and effect of high wind velocity minimizes. Rotor remains attached with shaft supporter by the help of bearing and clamp assembly. Pins and lock pins are used for attaching of bearing and clamp assembly from shaft supporter. This arrangement gives facility to user for easy attachment and detachment of rotor from wind mill. A crank is attached with drive shaft for converting rotational power into reciprocating power. In order to transmit reciprocating power toreciprocating pump a connecting rod remains connected between crank and piston of the pump. Reciprocating pump remains attached with tower below the crank and delivers water into delivery pipe. In order to capture more power plurality of windmill are installed and connected with a common suction pipe.

No. of Pages: 25 No. of Claims: 13

(21) Application No.10447/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/12/2014

(43) Publication Date: 04/03/2016

## (54) Title of the invention: NANOTHERAPEUTICS FOR DRUG TARGETING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:A61K 9/16 :61/656753 :07/06/2012 :U.S.A. :PCT/US2013/044709 :07/06/2013 :WO 2013/185032 :NA :NA	(71)Name of Applicant: 1)PRESIDENT AND FELLOWS OF HARVARD COLLEGE Address of Applicant:17 Quincy Street Cambridge MA 02138 U.S.A. (72)Name of Inventor: 1)INGBER Donald E. 2)KORIN Netanel 3)KANAPATHIPILLAI Mathumai 4)UZUN Oktay 5)PAPA Anne Laure
(62) Divisional to Application Number Filing Date	:NA :NA	5)PAPA Anne Laure

#### (57) Abstract:

The invention provides compositions and methods for targeted controlled drug release. The compositions and methods can be used for treating or imaging vascular stenosis stenotic lesions occluded lumens embolic phenomena thrombotic disorders and internal hemorrhage.

No. of Pages: 155 No. of Claims: 81

(21) Application No.10448/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: NAMPT INHIBITORS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (63) ECO7D 471/04 (61/645679 (11/05/2012 (U.S.A. (PCT/US2013/0404' (10/05/2013 (WO 2013/170112 (NA	(71)Name of Applicant: 1)ABBVIE INC. Address of Applicant:1 North Waukegan Road North Chicago Illinois 60064 U.S.A. (72)Name of Inventor: 1)CLARK Richard F. 2)SORENSEN Bryan 3)OSUMA Augustine T. 4)FREY Robin 5)LONGENECKER Kenton 6)DOHERTY George 7)CURTIN Michael L. 8)MICHAELIDES Michael R. 9)SWEIS Ramzi F. 10)PLIUSHCHEV Marina A. 11)JUDD Andy 12)HANSEN Todd M. 13)HEYMAN Howard R.
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### (57) Abstract:

Disclosed are compounds which inhibit the activity of NAMPT compositions containing the compounds and methods of treating diseases during which NAMPT is expressed.

No. of Pages: 809 No. of Claims: 12

(21) Application No.1239/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/02/2013 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: MALARIA VACCINE

(51) International classification :A61K39/002,A61K39/395,A61P33/06

(31) Priority Document No :2010164228 (32) Priority Date :21/07/2010

(32) Priority Date :21/07/2010 (33) Name of priority :Japan

country

(86) International Application No :PCT/JP2011/065258

:NA

Filing Date :04/07/2011

(87) International Publication No :WO 2012/011381

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

NA
:NA
:NA
:NA

(71)Name of Applicant:

1)CELLFREE SCIENCES COMPANY LIMITED

Address of Applicant:75 1 Onocho Tsurumi ku Yokohama shi

Kanagawa 2300046 Japan (72)Name of Inventor: 1)TSUBOI Takafumi 2)TORII Motomi 3)SAWASAKI Tatsuya

4)ENDO Yaeta

### (57) Abstract:

Filing Date

The present invention relates to a malaria vaccine which contains: (a) a polypeptide comprising the amino acid sequence set forth in SEQ ID NO: 1, SEQ ID NO: 2 or SEQ ID NO: 3; (b) a polypeptide comprising an amino acid sequence produced by deleting, substituting and/or adding one or several amino acids in the amino acid sequence set forth in SEQ ID NO: 1, SEQ ID NO: 2 or SEQ ID NO: 3 and having a preventive effect on malaria; or (c) a polypeptide comprising an amino acid sequence having 70% or more sequence identity to the amino acid sequence set forth in SEQ ID NO: 1, SEQ ID NO: 2 or SEQ ID NO: 3 and having a preventive effect on falciparum malaria.

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

(22) Date of filing of Application :08/07/2015 (43) Publication Date: 04/03/2016

### (54) Title of the invention: PROCESS FOR PRODUCING A BLOW MOULDED PLASTIC CONTAINER AND SUCH A PLASTIC CONTAINER

(51) International classification: B29C49/48,B29C49/64,B65D1/02 (71) Name of Applicant: (31) Priority Document No :00371/2013

(32) Priority Date :30/01/2013 (33) Name of priority country :Switzerland

(86) International Application :PCT/EP2014/051799

:30/01/2014

Filing Date (87) International Publication :WO 2014/118274

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)ALPLA WERKE ALWIN LEHNER GMBH & CO. KG Address of Applicant : Allmendstrasse A 6971 Hard Austria

(72)Name of Inventor:

1)SIEGL Robert

## (57) Abstract:

In a process for producing a blow moulded plastic bottle (11) starting from a preform (15) firstly a preform (15) with a specific wall thickness distribution and a blow mould (33) are provided the cavity (35) of the mould having at least one channel (37) at the locations of the plastic bottle that are to be strengthened. Subsequently the preform is heated in such a way that the portion of the preform that correlates with the at least one channel (37) of the cavity (35) is thinned to a lesser extent during the stretching and/or blow moulding and an accumulation of plastics material is brought about in the channel (37) during the main blow moulding operation. A plastic container (11) produced by this process has strengthening elements which are formed as at least one outwardly protruding bead of material (13) and have a wall thickness that is at least 30% preferably at least 50% and with particular preference at least 70% greater than the wall thickness of a portion of the wall adjacent to the bead of material.

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

(22) Date of filing of Application :08/07/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: DUAL CONFIGURATION BOTTLE ASSEMBLY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>		(71)Name of Applicant:  1)HANDI CRAFT COMPANY  Address of Applicant: 4433 Fyler Avenue St. Louis Missouri 63116 U.S.A.  (72)Name of Inventor:
	:PCT/US2014/010884 :09/01/2014 :WO 2014/110265 :NA :NA	(72)Name of Inventor: 1)RHODES Scott 2)RHODES II Idus L. 3)MILLER Charles H. 4)KEMPER Bernard J.
Filing Date	:NA	

### (57) Abstract:

A bottle assembly includes a container having a liquid chamber defined therein and a vent assembly positionable substantially entirely within the liquid chamber of the container. A collar assembly generally defines a closure for the container and is releasably engageable with a neck of the container. The collar assembly and the container are configured relative to each other to enable selective configuration between a first configuration in which the vent assembly is disposed substantially entirely within the liquid chamber of the container and a second configuration in which the vent assembly is omitted from the container.

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

:NA

(19) INDIA

(22) Date of filing of Application :08/07/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention : METHOD AND CASTING MOLD FOR PRODUCING CASTINGS IN PARTICULAR CYLINDER BLOCKS AND CYLINDER HEADS HAVING FUNCTIONAL CONNECTION OF THE FEEDER

(51) International classification :B22C9/02,B22C9/08,B22D27/04 (71)Name of Applicant: (31) Priority Document No 1)NEMAK WERNIGERODE GMBH :10 2013 100 540.3 (32) Priority Date Address of Applicant : Gieerweg 10 38855 Wernigerode :18/01/2013 (33) Name of priority country Germany :Germany (72) Name of Inventor: (86) International Application :PCT/EP2014/051030 1)MEISHNER Henning :20/01/2014 Filing Date 2)WAGNER Alexander (87) International Publication :WO 2014/111573 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number

### (57) Abstract:

Filing Date

The invention relates to a method for casting castings wherein a metal melt is poured into a mold cavity (3) which is bounded by a casting mold (G1 G2) and represents the casting via a feeder (2) or separate runners or casting channels wherein the casting mold (G1 G2) comprises mold parts (47) that determine the shape of the casting to be cast and a casting mold (G1 G2). The casting method according to the invention and the casting mold ensure the production of functionally correct and flawless castings even under the conditions explained above. According to the invention this is achieved in that the melt is conducted into the mold cavity (3) via at least two connections of which at least one is designed as an additional channel (16 23) that leads through one of the mold parts and is independent of the contour of the casting to be cast in at least two sections (8 9 10 19 20) which are associated with different levels of the casting to be cast.

No. of Pages: 21 No. of Claims: 6

(21) Application No.1289/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/02/2013 (43) Publication Date : 04/03/2016

## (54) Title of the invention: DETECTION OF ANATOMICAL LANDMARKS

(51) International classification	:A61B5/055,G06T9/20	(71)Name of Applicant:
(31) Priority Document No	:61/373630	1)MCKINNON Brian William
(32) Priority Date	:13/08/2010	Address of Applicant :3290 Broadway Street Bartlett
(33) Name of priority country	:U.S.A.	Tennessee 38133 U.S.A.
(86) International Application No	:PCT/US2011/047674	(72)Name of Inventor:
Filing Date	:12/08/2011	1)AGNIHOTRI Aashiish
(87) International Publication No	:WO 2012/021861	2)NADZADI Mark Ellsworth
(61) Patent of Addition to Application	:NA	3)RUMERY Megan Patrice
Number	:NA	4)BUISSERET Mark Joseph
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A method includes accessing image data representing tissue and identifying one or more features of the tissue indicated by the image data. A model is selected for the tissue based on the one or more identified features. The image data is segmented and using the model one or more anatomical landmarks of the tissue indicated by the segmented image data are identified.

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

(21) Application No.2458/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :29/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: COLORIMETRIC DETECTION OF ANIONIC DETERGENT IN WATER AND WASTE WATER.

(51) Intermetical elegification	:G01N	(71)Name of Applicant:
(51) International classification	31/22	1)DR. GULAB SINGH
(31) Priority Document No	:NA	Address of Applicant :V.P.O. MANDI, TEHSIL NARNAUL,
(32) Priority Date	:NA	DIST. MOHINDERGARH, (HARYANA) INDIA-123001.
(33) Name of priority country	:NA	Haryana India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GULAB SINGH
(87) International Publication No	: NA	2)MAHESH KUMAR BHARTI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(F7) A1		•

#### (57) Abstract:

A colorimetric analysis method of qualitative and quantitative detection of anionic detergent has been described. The qualitative results can be obtained within 30 sec. and the test requires observation in change in color of the solution. The qualitative test is sensitive enough to detect upto 0.005% detergent in water and waste water. The quantitative measurement requires measurement of solution. Since the anionic detergent can be introduced into water supply by industry, soap manufacturer, and private house hold, qualitative and quantitative test for anionic detergent can be detected in water/ waste water sample.

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

(22) Date of filing of Application :29/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention : A TECHNIQUE AND DEVICE THEREOF FOR MEASURING FLOW BETWEEN FLUCTUATING LEVELS.

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:A61M 5/00 :NA :NA :NA :NA :NA : NA	(71)Name of Applicant:  1)GYANENDRA KUMAR SHARMA Address of Applicant: HOUSE NO.182, SECTOR-8, FARIDABAD-121006, HARYANA, INDIA. Haryana India (72)Name of Inventor:  1)GYANENDRA KUMAR SHARMA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

This invention is a method of measuring flow velocity and flow volume/ mass in an array of fluid columns between fluctuating high and low levels of fluid in the column as these are filled and emptied out. The uniqueness is that the measurement technique is equally applicable to constant fluid levels or fluctuating fluid levels which may happen if such a device is onboard a vehicle for measurement of fuel consumption for example. The novelty of the concept lies that it can be used with any types of leveling sensors- contacting or noncontacting types. A working model/prototype based on this invention was designed and tested extensively and the concept was validated in the experiments.

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

(21) Application No.1362/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/02/2013 (43) Publication Date: 04/03/2016

## (54) Title of the invention : METHOD FOR INCREASING THE MEAN PARTICLE SIZE OF 2-HYDROCARBYL-3,3-BIS(HYDROXYARYL) PHTHALIMIDINES

(51) International classification:C07D 209/46(31) Priority Document No:11/288,912(32) Priority Date:29/11/2005(33) Name of priority country:U.S.A.

(86) International Application No :PCT/US2006/045506 Filing Date :28/11/2006

(87) International Publication No :WO 2007/064623

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

(62) Divisional to Application Number :4164/DELNP/2008 Filed on :28/11/2006 (71)Name of Applicant:

1)SABIC INNOVATION PLASTIC IP BV

Address of Applicant :PLASTICSLAAN 1, 4612 PX BERGEN OP ZOOM, THE NETHERLANDS Netherlands

:PCT/US2006/045506 (72)Name of Inventor :

1)GANESAN BALAKRISHNANA 2)NADKARNI PRADEEP JEEVAJI

#### (57) Abstract:

The present invention relates to a method for increasing a mean particle size of a 2-hydrocarbyl-3,3-bis(hydroxyaryl)phthalimidine. The method includes forming a mixture of a 2-hydrocarbyl-3,3-bis(hydroxyaryl)phthalimidine having a mean particle size less than 2 microns and a solvent composition comprising an organic solvent and water, wherein the solvent composition is capable of at least partially dissolving the 2-hydrocarbyl-3,3-bis(hydroxyaryl)phthalimidine; forming an adduct of the 2-hydrocarbyl-3,3-bis(hydroxyaryl)phthalimidine; and heating the mixture at a temperature and for a time effective to decompose the adduct to form a 2-hydrocarbyl-3,3-bis(hydroxyaryl)phthalimidine product having a mean particle size greater than 5 microns.

No. of Pages: 35 No. of Claims: 5

(21) Application No.1428/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/02/2013 (43) Publication Date: 04/03/2016

### (54) Title of the invention: ELECTROCHEMICAL GLAZING HAVING ELECTRICALLY CONTROLLABLE OPTICAL AND **ENERGY RELATED PROPERTIES**

(51) International classification: B32B17/10,C03C27/12,G02F1/15 (71) Name of Applicant:

:06/07/2011

:WO 2012/007335

(31) Priority Document No :10/03004 (32) Priority Date :16/07/2010

(33) Name of priority country :France

(86) International Application :PCT/EP2011/061408

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)SAGE ELECTROCHROMICS INC.

Address of Applicant: 1 Sage Way Faribault MN 55021

(72) Name of Inventor:

1)GY Ren

2) GIRON Jean Christophe

3)YEH Li Ya

4)LETOCART Philippe

5)ANDREAU WIEDENMAIER Annabelle

6)ARMAND Philippe

#### (57) Abstract:

The invention relates to glazing (1) comprising a first glazing sheet (10; 10A 10B) forming a substrate on which at least one film of an electrochemical system (12) is formed said system having optical and/or energy related properties that are electrically controllable a second glazing sheet (14) forming a counter substrate and a third glazing sheet (18). The substrate has characteristics that allow it to be obtained by being cut from a motherboard on which motherboard at least one film of the electrochemical system (12) is formed. The substrate is located between the counter substrate (14) and the third glazing sheet (18) and is set back relative to the counter substrate (14) and relative to the third glazing sheet (18) over the entire circumference of the substrate (10; 10A, 10B).

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

(22) Date of filing of Application :03/09/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: A WATER RETAINING PLANTING SYSTEMS.

(51) International classification	:H01M 8/04	(71)Name of Applicant: 1)NIKULSAN TECHNOLOGIES PVT. LTD.
(31) Priority Document No	:NA	Address of Applicant :H.NO. 176, SECTOR-10,
(32) Priority Date	:NA	FARIDABAD(HARYANA) 121006 Haryana India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)CHAUDHARY, KULDEEP
Filing Date	:NA	2)CHAUDHARY, SANDEEP
(87) International Publication No	: NA	3)CAHUDHARY, NISHANT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

#### (57) Abstract:

A portable assembly for supporting one or more containerized plants and a display rack is provided. The portable assembly includes a stand for supporting the one or more containerized plants. The stand includes one or more cups, one or more capillary tubes and a water storage unit. The one or more cups enclose the corresponding one or more containerized plants. Each of the corresponding one or more capillary tubes is connected with the corresponding one or more cups. Each of the one or more containerized plant is fed with a mixture of coco-peat, peat moss, perlite, vermiculite and an organic gel. The water storage unit provides water to the mixture through the corresponding one or more capillary tubes by the water storage unit in the portable assembly.

No. of Pages: 20 No. of Claims: 7

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

(43) Publication Date: 04/03/2016

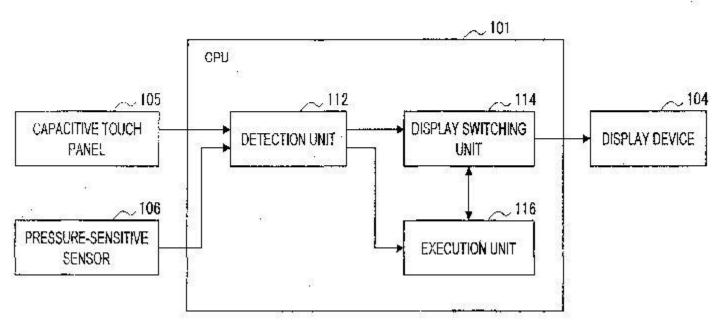
## (54) Title of the invention : INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD, AND PROGRAM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:19/05/2010 :WO 2011/024521 :NA :NA	(71)Name of Applicant:  1)SONY CORPORATION Address of Applicant:1-7-1 KONAN, MINATO-KU, TOKYO, 108-0075, JAPAN Japan (72)Name of Inventor: 1)YUSUKE MIYAZAWA 2)TATSUSHI NASHIDA
<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> </ul>	:PCT/JP2010/058405 :19/05/2010 :WO 2011/024521 :NA	(72)Name of Inventor: 1)YUSUKE MIYAZAWA

#### (57) Abstract:

An information processing apparatus includes a detection unit for detecting a contact operation and a pressure of an operating object on a contact operation surface, a display switching unit for switching display on a display screen according to the pressure of the operating object detected by the detection unit, and an execution unit for performing a predetermined process, in a case a predetermined operation of the operating object on the contact operation surface is detected by the detection unit while the display on the display screen is being switched by the display switching unit, according to the predetermined operation.

FIG. 3



No. of Pages: 44 No. of Claims: 13

(22) Date of filing of Application :22/02/2012 (43) Publication Date : 04/03/2016

## (54) Title of the invention: RUTHENIUM BASED CATALYSTS FOR THE METATHESIS OF NITRILE RUBBERS

(51) International classification	:B01J 31/22	(71)Name of Applicant :
` '		1 ' '
(31) Priority Document No	:09169066.9	1)LANXESS DEUTSCHLAND GMBH
(32) Priority Date	:31/08/2009	Address of Applicant :51369 LEVERKUSEN, GERMANY
(33) Name of priority country	:EUROPEAN	Germany
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/062296	1)CHRISTOPHER ONG
Filing Date	:24/08/2010	2)JULIA MARIA MULLER
(87) International Publication No	:WO 2011//023674	
(61) Patent of Addition to Application		
Number	:NA	
1 (01110 01	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention relates to a process for the metathesis of nitrile rubbers in the presence of a specific catalyst for the metathetic degradation of nitrile rubber. The present invention further relates to specific novel metathesis catalysts and to the use thereof for the metathesis of nitrile rubbers.

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

(22) Date of filing of Application :26/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: VOLTAGE PASSAGE INDICATOR BASED AUTOMATIC CHANGEOVER SWITCH

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:H04B :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)Tata Power Delhi Distribution Ltd Address of Applicant: NDPL HOUSE 33 KV GRID SUBSTATION HUDSON LANE KINGSWAY CAMP, DELHI- 110009 Delhi India (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)NILESH KANE 2)B KARUNAKARAN 3)PRAVEEN KUMAR GUPTA 4)VINOD KUMAR

#### (57) Abstract:

Disclosed is a system for auto-changeover switch is disclosed. The system may comprise a voltage passage indicator to compare voltages from at least two power sources. Further, the system may comprise a ring main unit (RMU) having a capacitive brushings. The RMU is for 11kV of load. The present system may further comprise a potentiometer, wherein the potentiometer is set to a reference value between 80 to 90 volts.

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

(22) Date of filing of Application :26/10/2012 (43) Publication Date : 04/03/2016

## (54) Title of the invention: ACTIVE POINTER ATTRIBUTE DETERMINATION BY DEMODULATING IMAGE FRAMES •

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:G06F :12/752,882 :01/04/2010 :U.S.A. :PCT/CA2011/000336 :31/03/2011 :WO 2011/120143 :NA :NA	(71)Name of Applicant:  1)SMART TECHNOLOGIES ULC Address of Applicant: 3636 Research Road N.W. Calgary Alberta T2L 1Y1 Canada (72)Name of Inventor: 1)GRANT MCGIBNEY 2)TIM RADKE
E	:NA :NA	

#### (57) Abstract:

An interactive input system comprises at least one imaging assembly having a field of view looking into a region of interest and capturing image frames and processing structure in commumcation with the at least one imaging assembly. When a pointer exists in captured image frames, the processing structure demodulates the captured image frames to determine frequency components thereof and examines the frequency components to determine at least one attribute of the pointer.

No. of Pages: 51 No. of Claims: 27

(21) Application No.9288/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/10/2012 (43) Publication Date : 04/03/2016

## (54) Title of the invention: INTERACTIVE INPUT SYSTEM AND PEN TOOL THEREFOR •

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G06F :12/752,915 :01/04/2010 :U.S.A. :PCT/CA2011/000338 :31/03/2011 :WO 2011/120144 :NA :NA	(71)Name of Applicant:  1)SMART TECHNOLOGIES ULC Address of Applicant: 3636 Research Road N.W. Calgary Alberta T2L 1Y1 Canada (72)Name of Inventor: 1)SEAN THOMPSON 2)GRANT McGIBNEY 3)DAVID HOLMGREN
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#### (57) Abstract:

A pen tool for use with a machine vision interactive input system comprises an elongate body and a tip arrangement at one end of the body, an end surface of the body at least partially about the tip arrangement carrying light reflective material that is visible to at least one imaging assembly of the interactive input system when the pen tool is angled.

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

(21) Application No.9289/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/10/2012

(43) Publication Date: 04/03/2016

# (54) Title of the invention : NEW COMBINATION THERAPY IN TREATMENT OF ONCOLOGICAL AND FIBROTIC DISEASES $\bullet$

#### (57) Abstract:

The invention relates to new methods for the treatment of oncological and fibrotic disease comprising the combined administration of a cell signalling and/or angiogenesis inhibitor in conjunction with an Aurora kinase inhibitor.

No. of Pages: 59 No. of Claims: 23

(21) Application No.2016/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :23/06/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: FUEL SUPPLY SYSTEM OF SADDLE-TYPE VEHICLE

(51) International classification	:F02M37/22, F02M39/02,	(71)Name of Applicant:
(31) Priority Document No	:2013-173707	1)HONDA MOTOR CO., LTD.
(32) Priority Date	:23/08/2013	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(33) Name of priority country	:Japan	MINATO-KU, TOKYO 107-8556, JAPAN Japan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SUGURU, KANDA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention is to achieve reduction in the size and weight of a fuel hose support stay and ensure the rigidity of the fuel hose support stay in a fuel supply system of a saddle-type vehicle in which an intake pipe for which an attaching hole into which part of a fuel injection valve is fitted and a fuel injection valve fastening boss are formed is connected to a cylinder head in such a manner as to extend from the cylinder head toward one side in the vehicle front-rear direction and at least part of a fuel hose is so routed as to pass through the other side in the vehicle front-rear direction relative to the fuel injection valve and is supported by the fuel hose support stay attached to the intake pipe. [Solving Means] A fuel injection valve fastening boss 35c is formed for an intake pipe 35 in such a manner as to be located on a lateral side of an attaching hole 54 in the vehicle width direction or on the other side in the vehicle front-rear direction relative to the attaching hole 54, and a stay fastening boss 35d that fastens a fuel hose support stay 56 is formed for the intake pipe 35 in such a manner as to protrude from the fuel

No. of Pages: 52 No. of Claims: 8

(21) Application No.2542/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :07/08/2014

(43) Publication Date: 04/03/2016

(54) Title of the invention: Multimedia Based Real time, Duplex, E-Learning System Using Secured Radio Frequency Communication between Geographically Distant Smart Machines Functioning on Android, iOS and Embedded OS via Human Activated Process

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:G06F17/22 :NA :NA :NA	(71)Name of Applicant:  1)VALUABLE INNOVATIONS PRIVATE LIMITED  Address of Applicant: Valuable Techno Park 53/1, Road No.  7, MIDC, Andheri (East), Mumbai. Maharashtra India
(86) International Application No Filing Date	:PCT// :01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	2)AMEYA HETE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

ABSTRACT A system comprises of an apparatus and method which uses logical tool to allow specific skill augmenting queries in a group learning milieu. It exclusively operates in real time with scalable, secured duplex communication. Specifically to be practiced in the remote classroom or laboratory in an electronically supported learning scenario. The integrated methods, apparatus, and systems described herein, facilitate remote end domain expert to analyze, select and communicate real time answers to set of plurality of questions comprising of amalgamated audience from geographically distinct virtual classrooms. It functions on embedded rational intelligence. It investigates unique pattern of key words mapping real time flow of enquiries from matrix of plurality of remote learners. Queries are collated with time and geographical position stampings. In real time, without any mediators, inventor<sup>TM</sup>s technique directly empowers plurality of authentic remote learners to use the portable, smart electronic gadget with wireless communication means and graphic user interface. It seamlessly quenches their inquisitiveness linked with live content received in virtual classroom. It thus sustains their subject interest and sharpens skills.

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

(22) Date of filing of Application :07/08/2014 (43) Publication Date : 04/03/2016

### (54) Title of the invention: An Integrated System For A Virtual Bookstore

(51) International classification	:G06Q30/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Shah Chintan Suketu
(32) Priority Date	:NA	Address of Applicant :2, Madhvi, Ashwamegh Bunglows,
(33) Name of priority country	:NA	Part-1, Opp. IOC Petrol Pump, Satellite, Ahmedabad 380015.
(86) International Application No	:PCT//	Gujarat, India. Gujarat India
Filing Date	:01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	1)Shah Chintan Suketu
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

An Integrated System For A Virtual Bookstore An integrated for a virtual bookstore is a system for searching, browsing, retrieving, sharing, book nesting, purchasing, borrowing, managing reading of a digital content from a virtual bookstore to create user<sup>TM</sup>s own collection. The virtual bookstore contains digital books, magazines, newspapers and articles at any place and any time through implemented system on any LCD/ LED/ a large format display device. The compiler makes user<sup>TM</sup>s own book by retrieving pages or indexes or cover page from the other purchased books. The references and comments are also inserted in the e-books in text or audio format. The sharing e-book functionality is used to share an e-book from user<sup>TM</sup>s own bookshelf to the other participant and also adding comments and references in it during the sharing session. There is also a function where books can be used by borrowing them for certain time by paying the rent.

No. of Pages: 38 No. of Claims: 33

(22) Date of filing of Application :11/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention : A NOVEL HERBAL COMPOSITION TO SUPERCHARGED THE MANLY POWER IN NATURAL WAY AND A PROCESS FOR PREPARATION THEREOF

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:A61K35/04 :NA	(71)Name of Applicant: 1)ARKA BIOLOGICS PVT LTD
(32) Priority Date	:NA :NA	Address of Applicant :CELLER, KALASH APPARTMENT-
<ul><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:NA :NA	2, B/H.TELEPHONE EXCHANGE, C.G.ROAD, AHMEDABAD-380009 Gujarat India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR. BILAV ADANI
(61) Patent of Addition to Application Number	:NA	2)MR. SANDEEP GUPTA
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A novel and potent herbal composition is effectively useful for increasing the blood circulation, Boost sexual power, Increases overall energy, stamina, endurance & performance, Increases the duration of intercourse and pleasure, Facilitates muscle growth, fat free mass and enlargement of penis, Enhancing the natural defence system of the body, Improves sex drive and performance during intercourse, Improvement in fertility by improving quality of semen, promote lean muscle growth and stimulate sexual desire, Helping body to make its own testosterone and thereby reduce the effects of andropause, Increasing the sperm growth in men's body and thus helps men to treat the problems of infertility, Significantly gaining in libido, erectile function and semen volume, Helps to regulate chronic stress and reduces tension, anger and confusion, Helps in decreasing mental fatigue and exhaustion, Maintaining bone health by controlling a progressive bone loss, Help against malaria and fevers, soothe lower back pain, Normalize the growth hormone levels, Significantly performing as a sexual stimulant for women both as a libido and pleasure enhance. Whereas the said novel herbal composition is comprises of 100 mg of Tongkat Ali (Eurycoma Longifolia Jack), 50 mg of Tribulus Terrestris (Gokshura/ Sarrata, Caltrop, Puncture Vine), 10 mg- Epimedium or Horny Goat Weed, 50 mg of Pananax Ginsang, 15 mg of Zinc & other ingredients such as Starch, Magnesium Steatrate, Di calcium Phosphate, Talc, Polyvinyl Pyrolidone.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2575/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :11/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : THROTTLE VALVE HAVING ADDITIONAL BOTTOM BUSH FOR MAINTAINING HIGHER BACK PRESSURES AT LOWER ENGINE RPMs

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :PCT// :01/01/1900 : NA :NA	(71)Name of Applicant:  1)Rajiv Rosha Address of Applicant: Bunglow no 71, Telco Senior Officers Co-op Hsg Society, Telco Colony, Pimpri, Pune 411018, Maharashtra, India Maharashtra India (72)Name of Inventor:  1)Rajiv Rosha
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

Disclosed herein is an improved exhaust braking system capable of providing optimum back pressure at lower engine RPMs by advantageous incorporation of a breathing hole regulated by means of a restrictor plate and, further an additional bush in the housing of actuator shaft of said system and an another additional bottom bush at base of the actuator arm. It is a further intention of the present inventor to disclose operation of said improved exhaust brake and its deployment in automobiles

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2576/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :11/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : A SEPARATION DEVICE, SYSTEM AND METHOD FOR RECIRCULATION OF BLOW-BY GASES OF AN INTERNAL COMBUSTION ENGINE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:F02B25/06 :NA :NA	(71)Name of Applicant:  1)TATA MOTORS LIMITED  Address of Applicant: Bombay House, 24 Homi Mody Street,
(33) Name of priority country	:NA	Hutatma Chowk, Mumbai 400 001, Maharashtra, India
(86) International Application No	:PCT//	Maharashtra India
Filing Date	:01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	1)Anupam Panwar
(61) Patent of Addition to Application Number	:NA	2)Abhijit Dattatray Dalvi
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present disclosure provides an oil separator device configurable in an engine head cover of an internal combustion engine for recirculation of blow-by gases of the internal combustion engine. The device comprises an inlet port fluidly connectable to the blow-by gases outlet of a crankcase. A plurality of outlet ports are provided in the separation device in which at least one outlet port is fluidly connectable to an air intake channel of the internal combustion engine, for supplying the blow-by gases to the air intake channel when the internal combustion engine is working in first operating zone, and at least one outlet port is fluidly connectable to a power-booster of the internal combustion engine for supplying the blow-by gases to the power-booster when the internal combustion engine is working in second operating zone. FIG. 1

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

(22) Date of filing of Application :04/08/2014

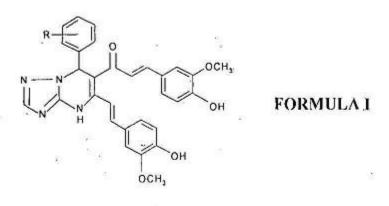
(43) Publication Date: 04/03/2016

# (54) Title of the invention : NOVEL 1,2,4-TRIAZOLOQUINAZOLINES DERIVATIVES OF CURCUMIN AND PROCESS FOR PREPARATION THEREOF

(51) International classification	:A61P43/00, A61K31/404,	(71)Name of Applicant:
(31) Priority Document No	:NA	1)JIWAJI UNIVERSITY GWALIOR
(32) Priority Date	:NA	Address of Applicant :JIWAJI UNIVERSITY GWALIOR-
(33) Name of priority country	:NA	470011, (M.P.), INDIA Madhya Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)AGARWAL DAYAL DAU
(87) International Publication No	: NA	2)SAHU PRAMOD KUMAR
(61) Patent of Addition to Application	:NA	3)SAHU PRAVEEN KUMAR
Number	:NA	4)GUPTA SUSHIL KUMAR
Filing Date		5)GUPTA SAVITA
(62) Divisional to Application Number	r:NA	
Filing Date	:NA	

## (57) Abstract:

The present invention relates to novel 1. 2. 4-lriazoloquinazolines derivatives of curcumin of formula I and process for preparation thereof. The said process comprises the condensation of curcumin with triazoles and aldehydes compound in presence of base. The novel compound I, 2. 4-triazoloquinazolines derivatives of curcumin proved to be highly bioactive.



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

(22) Date of filing of Application :04/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: BOARD GAME AND METHOD OF PLAYING THE BOARD GAME

(51) International classification	:A63F9/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Anindita Toy Company (P) Ltd
(32) Priority Date	:NA	Address of Applicant :Survey No. 77/4,Vishnu Malati
(33) Name of priority country	:NA	Industrial Estate, Warje-NDA Road, Shivane, Pune, Maharashtra
(86) International Application No	:PCT// /	Maharashtra India
Filing Date	:01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	1)Shivali Babras
(61) Patent of Addition to Application Number	:1611/MUM/2014	2)Mayuri Khare
Filed on	:01/01/1900	3)Vaidehi Joshi
(62) Divisional to Application Number	:NA	4)Ashwini Lahane
Filing Date	:NA	5)Arwa Merchant

#### (57) Abstract:

Abstract Disclosed is a board game capable of being played by two or more players and method of playing the board game. The board game comprises a board member having plurality of boxes configured thereon. Each box of the plurality of boxes includes at least two triangles which form at least one diagonal path thereon. Further, each box of the plurality of boxes placed in proximity with other box and/or on the sides of the board member (10) to form vertical and horizontal paths there between. Further, the board game includes a plurality of playing pieces divided into at least two sets. Each set includes at least two playing pieces, wherein each player of the two or more players is assigned one set of the playing pieces for playing the game. Furthermore, the board game includes a plurality of first blockers, at least one second blocker and at least one master blocker, wherein each player of the two or more players is assigned at least one blocker of the plurality of first, second and master blocker. Furthermore, the board game includes at least one joker and at least one flipper. Figure 19

No. of Pages: 50 No. of Claims: 17

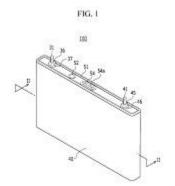
(22) Date of filing of Application :13/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: IMPLANTATION DEVICE FOR HAIR TRANSPLANT

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:A61B17/34 :NA :NA	(71)Name of Applicant:  1)VEOL MEDICAL TECHNOLOGIES PVT. LTD.  Address of Applicant: PLOT A-747, NEAR PAVAN BUS
(33) Name of priority country	:NA	STOP, MIDC-PAWANE, TTC INDUSTRIAL AREA,
(86) International Application No	:NA	KOPARKHAIRANE, NAVI MUMBAI 400 705,
Filing Date	:NA	MAHARASHTRA, INDIA. Maharashtra India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)PRADHAN, DEBASISH
Filing Date	:NA	2)KAPADIA, SALMAN
(62) Divisional to Application Number	:NA	3)SOLKAR, ATHAR ANWAR
Filing Date	:NA	

#### (57) Abstract:

An illustrative device includes a vacuum source and a nozzle connected to the vacuum source. The vacuum source is configured to draw in a graft with a vacuum pressure. The device also includes a needle assembly configured to receive the graft in a lumen thereof and a hollow pusher body configured to slide over at least a portion of a surface of the needle assembly and at least a portion of the nozzle. The device further includes a pusher member mounted on the hollow pusher body and configured to slide inside the lumen of the needle assembly. The pusher member is configured to eject the graft out of the needle assembly.



No. of Pages: 57 No. of Claims: 35

(22) Date of filing of Application: 13/08/2014 (43) Publication Date: 04/03/2016

# (54) Title of the invention: BIOMEDICAL DEVICE FOR IMPROVING DESICCATION TOLERANCE OF HAIR FOLLICLES

(51) International classification :A61B17/3 (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)VEOL MEDICAL TECHNOLOGIES PVT. LTD. Address of Applicant: PLOT A-747, NEAR PAVAN BUS STOP, MIDC-PAWANE, TTC INDUSTRIAL AREA, KOPARKHAIRANE, NAVI MUMBAI 400 705, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor: 1)PRADHAN, DEBASISH 2)KAPADIA, SALMAN 3)DIWARKAR, DINESH 4)PATANKAR, MANGESH 5)MOHAMMAD, AFROZ ALAM
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### (57) Abstract:

An illustrative device comprises a cap and a body. The cap includes a cap inlet port and a cap outlet port in fluid communication with one another. The cap inlet port is configured to engage an inlet tube through which a graft is received. The cap outlet port is in fluid communication with a graft storage volume that is formed at least in part by the cap. The body is coupled to the cap and forms at least a portion of the graft storage volume. The body includes a body inlet port and a body outlet port in fluid communication with one another. The body outlet port is configured to engage a vacuum tube to draw the graft into the graft storage volume. The vacuum tube provides a vacuum pressure that causes a temperature of the graft storage volume to be less than an ambient temperature.

No. of Pages: 42 No. of Claims: 36

(22) Date of filing of Application :16/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: CREATING A USERTMS PROXIMITY MODEL IN ACCORDANCE WITH A USERTMS FEEDBACK

(51) International classification	:G06F3/041	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Tata Consultancy Services Limited
(32) Priority Date	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(33) Name of priority country	:NA	Point, Mumbai 400021, Maharashtra, India Maharashtra India
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)SARKAR, Sourjya
(87) International Publication No	: NA	2)MUKHERJEE, Debnath
(61) Patent of Addition to Application Number	:NA	3)BASU, Anupam
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

Disclosed is a method and Geographic Information System (GIS) for creating a user<sup>TM</sup>s proximity model in accordance with a user<sup>TM</sup>s feedback. The GIS creates the user<sup>TM</sup>s proximity model using a Dempster-Shafer technique. The GIS initializes the user<sup>TM</sup>s proximity model upon initializing a fuzzy set with a fuzzy membership function. The fuzzy set comprises a plurality of points scattered around a reference point. The GIS creates an intermediate model using the user<sup>TM</sup>s proximity model by selecting a group of points from the plurality of points. The GIS receives a user feedback on the intermediate model. The GIS adapts the fuzzy membership function based on the user feedback. The GIS then updates the user<sup>TM</sup>s proximity model based on the fuzzy membership function which is adapted on basis of the user feedback.

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

(22) Date of filing of Application :18/08/2014 (43) Publication Date : 04/03/2016

### (54) Title of the invention: Embedded based Paralysis Recovery Metabolism

(51) International classification (31) Priority Document No	:A61K31/56 :NA :NA	(71)Name of Applicant:  1)Amol Maruti Wabale  Address of Applicant: Amol nivas, 1st Floor, S.No.23,
(32) Priority Date (33) Name of priority country	:NA	Hanuman-nagar,Bhagatwasti, Bhosari, Pune 411026 Maharashtra
(86) International Application No	:PCT//	India
Filing Date (87) International Publication No	:01/01/1900 : NA	2)Pratik Prakash Raka (72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Amol Maruti Wabale
Filing Date	:NA	2)Pratik Prakash Raka
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Embedded based Paralysis Recovery Metabolism. • is a medical application used for the treatment and diagnosis of paralysis patient. Paralysis is a kind of disorder in which the patient cannot move their body part which is paralyzed. The reason is because brain looses contact with that particular body part, and hence no communication takes place. This application is not useful in treatment and diagnosis of the Paralysis. When the patient is in paralysis he will be treated with fresh air and positive ions emission in its chamber. The positive ions will be released through air to the patient so the media used is air. The positive ion discharger is made to release ions in air. This treatment will reduce the paralysis period to half. After the paralysis stage, there is the recovery stage. When ever the patient is in recovery stage than that particular body part start moving little bit unknowingly, let us take an example of hand. The patients hand will start moving, at such movement the patient has to be taken to the doctor. Now comes the main role of prediction. Till now the doctor were providing rough idea regarding the improvement of the hand or its development. But in this project we can moniter the movement of that body part and accordingly presented on graph. By calculating the increasing order ratio the specific time can be predicted to cure the disorder. Thus the patient can be treated by positive ion emission and the curing time of patient can be predicted. Till now up to date there is no such application in medical field for the treatment and diagnosis of paralysis, This is the first one introduced.

No. of Pages: 11 No. of Claims: 4

(22) Date of filing of Application :18/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : CREATING USER ACCOUNT/PROFILES ON MOBILE OPERATING SYSTEM OR CLONING/MIRRORING THE MOBILE OPERATING SYSTEM.

(51) International plane (6 and an	C0CE21/00	(71)N 6 A V 4
(51) International classification	:G06F21/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)PRAVINCHANDRA KHERAJ SOMAIYA
(32) Priority Date	:NA	Address of Applicant :ROOM NO:-3, PLOT NO:-252,
(33) Name of priority country	:NA	ABHINANDAN SOCIETY, NEAR PRAGATI BUS STOP,
(86) International Application No	:NA	GORAI-2, BORIVALI (WEST), MUMBAI-400 091,
Filing Date	:NA	MAHARASHTRA, INDIA. Maharashtra India
(87) International Publication No	: NA	2)AMIT PRAVINCHANDRA SOMAIYA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PRAVINCHANDRA KHERAJ SOMAIYA
(62) Divisional to Application Number	:NA	2)AMIT PRAVINCHANDRA SOMAIYA
Filing Date	:NA	

### (57) Abstract:

The present invention is an improvement in mobile operating systems, A user can create multiple user accounts/profiles or we can also say cloning/mirroring the mobile operating system, this will help user to keep his personal settings, apps & data secret. User can also create an account/profile for various needs such as Work, Family & Friends, Travel, etc.. Kid's profile will help all parents to control the content they access on the phone & they also don't have worry about their data when kids are playing games on their handset.

No. of Pages: 6 No. of Claims: 5

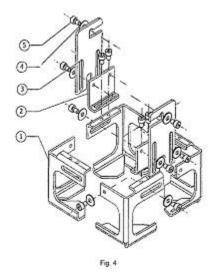
(22) Date of filing of Application :06/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: SAFE AND PROTECTIVE GUARD ON THE CHUCK OF A DRILL MACHINE

(51) T	P22011/00	
(51) International classification	:B23Q11/08	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MAHINDRA & MAHINDRA LIMITED
(32) Priority Date	:NA	Address of Applicant :R & D CENTER, AUTOMOTIVE
(33) Name of priority country	:NA	SECTOR, 89, M.I.D.C., SATPUR, NASHIK-422 007,
(86) International Application No	:NA	MAHARASHTRA, INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PARAG SUBHASHRAO DEORE
(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 drill chuck guard mounted on the drill machine comprises a four number of frames (1) having a pair of right angle members, one upper and another lower, formed by a first link (L1) and a second link,(L2) at distance and parallel connected by a vertical member at said link joint such that mounting the four frames with sliding the said second link(L2) over the first link (L1) to form rectangular box shape with rectangular opening on all the four sides for access to chuck for tool adjustment. A horizontal slot (S) made on the said the first link of the upper rectangular member. A threaded hole (TH) made on the said second link (L2) of the upper right angle member adapted to fasten the said first link trough the said slot by screwing. A trapezoidal shape flange formation (TR) to the base of the said first link (L1) of the said lower right angle member so as to form a rectangular opening for drill bit fitting to the chuck. An incfined strip (ST) formed provided to the base of the said second link of the said lower right angle member so as to slide over the said trapezoidal flange while mounting. A horizontal strip bracket (BR) formed to said first link upper member with two or more threaded holes for fitting a right angle bracket having slot on horizontal face and a pair threaded holes symmetrically at distance and parallel on the vertical face adapted to be fitted to mounting plate, having pair of vertical slots with matching alignment of that the said threaded holes on the angle bracket adapted to be fastened by screw means. The said mounting plate provided at horizontal through slot at from one end with a vertical curved groove formation at the centre to engage holding screw fitted to drill machine pillar. Reference to figures 4 and4A.



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

(21) Application No.2527/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :06/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A PROCESS FOR PREPARATION OF VORTIOXETINE •

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:C07D295/096 :NA :NA :NA :PCT//	(71)Name of Applicant: 1)CADILA HEALTHCARE LIMITED Address of Applicant: Zydus Tower, Satellite Cross Roads, Ahmedabad 380 015, Gujarat, India Gujarat India (72)Name of Inventor:
Filing Date (87) International Publication No	:01/01/1900 : NA	1)SINGH, Kumar Kamlesh 2)GAJERA, Jitendra Maganbhai
<ul><li>(61) Patent of Addition to Application Number</li><li>Filing Date</li><li>(62) Divisional to Application Number</li></ul>	:NA :NA :NA	3)RAIKWAR, Dinesh Kumar
Filing Date	:NA	

## (57) Abstract:

A PROCESS FOR THE PREPARATION OF VORTIOXETINE ABSTRACT The present invention relates to processes for the preparation of vortioxetine or its pharmaceutically acceptable salts thereof.

No. of Pages: 11 No. of Claims: 9

(22) Date of filing of Application: 18/08/2014 (43) Publication Date: 04/03/2016

# (54) Title of the invention: A Method of Forging Crankshafts from Continuous Cast Billets

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:F16C3/06 :NA :NA :NA :PCT/// :01/01/1900 : NA :NA :NA	(71)Name of Applicant:  1)Bharat Forge Limited    Address of Applicant:Bharat Forge Limited, Mundhwa, Pune Maharashtra India (72)Name of Inventor:  1)Dr. Babasaheb Neelkanth Kalyani 2)Mr. Shreyas Shashank Kirwai 3)Mr. Jayant Bhaurao Mane 4)Mr. Sachin Sitaram Patil 5)Mr. Santosh Kumar 6)Mr. Atul Ramdas Patil 7)Mr. Sumedh Rajeshwarrao Kousadikar 8)Mr. Madan Umakant Takale 9)Mr. Vijaykumar Hanumantrao Khasnis
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### (57) Abstract:

The present invention eliminates one of the steps from a typical conventional process of manufacturing complex parts such as crankshafts. This achieves the purpose of reduction in the cost of production as well as carbon footprint of the whole process. The present invention eliminates the rolling and/or cogging process from the complete crankshaft manufacturing cycle. The rolling and/or cogging process reduces the cross section of the cast material to a section which can be used by the closed die forging process. The invention accomplishes the said requirement by using ConCast billets of the size required by the forging process, thus, eliminating the requirement of cross section reduction through rolling and/or cogging. Moreover, proper forging process design is done to take care of closure of internal porosities and centre looseness, breaking of as cast structure and required grain flow during the forging operation. Thus, the crankshaft produced by the invented process has properties (mechanical, metallurgical, fatigue) equivalent to those produced by the conventional process.

No. of Pages: 25 No. of Claims: 5

(21) Application No.2521/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :05/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: EARTH LEAKAGE PROTECTION DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:H02H3/33, H02H3/00 :NA :NA :NA :PCT// :01/01/1900 : NA :NA	(71)Name of Applicant:  1)LARSEN & TURBO LIMITED  Address of Applicant: L & T House, Ballard Estate, P.O. Box No.278, Mumbai-400001, Maharashtra, India. Maharashtra India (72)Name of Inventor:  1)VORA, Paras Bipin
- 100000		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The present disclosure relates to an earth leakage protection device including a CBCT configured to detect leakage current, an amplifier operatively coupled with the CBCT and configured to receive the detected leakage current and generate an amplified leakage current, wherein a first MOSFET operatively coupled with the amplifier generates a trigger signal if the amplified leakage current is equal to or greater than minimum predefined gate pulse voltage required to drive the MOSFET. The device can further include an analog IC555 operatively coupled with the first MOSFET and configured to receive the trigger signal and voltage charge a capacitor based on a resistor to make its output high when voltage charge of the capacitor is equal to or greater than voltage required to drive a second MOSFET of a FSD that is operatively coupled with the analog IC555, wherein high output of the IC555 pops out the FSD to enable tripping action.

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

(21) Application No.2522/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :05/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: EARTH LEAKAGE PROTECTION DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:NA :NA :NA :PCT// :01/01/1900 : NA	(71)Name of Applicant:  1)LARSEN & TURBO LIMITED  Address of Applicant: L & T House, Ballard Estate, P.O. Box No.278, Mumbai-400001, Maharashtra, India. Maharashtra India (72)Name of Inventor:  1)VORA, Paras Bipin
<ul> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

### (57) Abstract:

The present disclosure relates to an earth leakage detection module that has capability to distinguish nature of fault and to restore power supply to circuit without manual intervention in case detected fault is found to be of temporary nature. In an embodiment a revised threshold leakage current value is used to decide on breaking of circuit during second tripping action.

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

(22) Date of filing of Application :18/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A Forging Die Assembly With Split Cassettes And A Method to Make It

(51) International classification	:B29C47/90	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Bharat Forge Limited
(32) Priority Date	:NA	Address of Applicant :Bharat Forge Limited; Mundhwa, Pune
(33) Name of priority country	:NA	Cantonment, Pune Maharashtra India
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)Dr. Babasaheb Neelkanth Kalyani
(87) International Publication No	: NA	2)Mr. Valmik Vitthal Bhavar
(61) Patent of Addition to Application Number	:NA	3)Mr. Nareshkumar Sharma
Filing Date	:NA	4)Mr. Shreyans Subhash Khot
(62) Divisional to Application Number	:NA	5)Mr. Manoj Rajendra Ukhande
Filing Date	:NA	

### (57) Abstract:

The present invention is a forging die assembly comprising at least two die inserts and at least a lower cassette and an upper cassette, which are placed between a top die holder and a bottom die holder, such that the lower or upper cassette or both are of the split type and the split cassette is held together with a set of tie rods. The invention thus proposes a method of making a forging die assembly using split cassettes. The assembly made using the invention is capable of withstanding the alternate stresses developed during a closed die forging process. The invention also provides a method for reusing cassettes damaged during closed die forging.

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

(22) Date of filing of Application :18/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: A Method of Hardening Die Surfaces

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B01D 61/50 :NA :NA :NA :PCT/// :01/01/1900 : NA :NA :NA :NA	(71)Name of Applicant:  1)Bharat Forge Limited    Address of Applicant: Mundhwa, Pune Cantonment, Pune Maharashtra India (72)Name of Inventor:  1)Dr. Babasaheb Neelkanth Kalyani 2)Mr. Jayant Bhaurao Mane 3)Mr. Shreyas Shashank Kirwai 4)Mr. Sachin Sitaram Patil 5)Mr. Mukund Vishnu Mavalankar
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### (57) Abstract:

The present invention discloses a modified process of die manufacturing which substantially improves the wear life of the dies. The process consists of introduction of shot blasting operation after the machining operation and before the nitrocarburising operation. The process increases the case depth of the surface hardened layer thereby increasing the wear life of the hot forging dies. Gaseous Ferritic Nitrocarburising (GFN) process is carried out on die steel material for increasing the surface hardness. Performance of the surface hardening process depends on surface preparation and its treatment. Surface preparation entails modifying roughness and residual stresses on the surface. The shot blasting step of the invented process introduces uniform roughness and compressive residual stresses on the surface, which helps to increase the hardening depth during GFN.

No. of Pages: 26 No. of Claims: 14

(22) Date of filing of Application :18/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A Forging Process For Manufacture Of Aluminium Alloy Wheel Disc

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:B21K1/32 :NA :NA	(71)Name of Applicant:  1)Bharat Forge Limited  Address of Applicant: Mundhwa, Pune Cantonment, Pune
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:PCT// /	(72)Name of Inventor:
Filing Date	:01/01/1900	1)Dr. Babasaheb Neelkanth Kalyani
(87) International Publication No	: NA	2)Mr. Cavas Beramshaw Bacha
(61) Patent of Addition to Application Number	:NA	3)Mr. Madan Umakant Takale
Filing Date	:NA	4)Mr. Soumeneswar Bhattacharji
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A forging process to manufacture Aluminium wheel discs for heavy vehicles using small tonnage hammer is disclosed. It uses stepwise forging operation to achieve final shape of the alloy wheel. A minimal amount of machining is required. The process starts with a preform made from a round extruded billet and follows through with a pancaking and buster operations further followed by blocker and finisher operations. It is noted that grain flow lines in the product are continuous because the initial flow lines are present in extruded billet and it has greater material strength than the products manufactured with conventional processes that involve joints and welding.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2633/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :18/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A Manufacturing Process for Blowout Preventer

(51) International classification	·R23D17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Bharat Forge Limited
(32) Priority Date	:NA	Address of Applicant : Mundhwa, Pune Cantonment, Pune
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:PCT// /	(72)Name of Inventor:
Filing Date	:01/01/1900	1)Dr. Babasaheb Neelkanth Kalyani
(87) International Publication No	: NA	2)Mr. Shreyans Subhash Khot
(61) Patent of Addition to Application Number	:NA	3)Mr. Madan Umakant Takale
Filing Date	:NA	4)Mr. Valmik Vitthal Bhavar
(62) Divisional to Application Number	:NA	5)Mr. Manoj Rajendra Ukhande
Filing Date	:NA	

### (57) Abstract:

The invention discloses a process of manufacturing heavy and critical components such as a blowout preventer (BOP) with a combination of open die forging, piercing and machining process which results in to better material utilization and saving in the machining time. The forging process of the invention involves a step of notching, wherein a transverse notch is made near each end of the ingot before cogging said ingot. The invention allows development of safety and critical components with effective material utilisation.

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

(22) Date of filing of Application: 18/08/2014 (43) Publication Date: 04/03/2016

## (54) Title of the invention: ELECTROMECHANICAL VALVE ACTUATION SYSTEM FOR AN IC ENGINE

(51) International classification	:F01L9/04	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MILAN B. MANNA
(32) Priority Date	:NA	Address of Applicant :12, VITTHAL WADI, DATTAWADI,
(33) Name of priority country	:NA	AMRAVATI ROAD, NAGPUR - 440023 Maharashtra India
(86) International Application No	:NA	2)RAVI AZAD
Filing Date	:NA	3)RAVI SHANKAR KUMAR
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MILAN B. MANNA
Filing Date	:NA	2)RAVI AZAD
(62) Divisional to Application Number	:NA	3)RAVI SHANKAR KUMAR
Filing Date	:NA	

#### (57) Abstract:

In Conventional IC Engine, the engine valves are operated according to the crankshaft position. The valves are actuated with cams that are located on the camshaft, and the shape of these cams are determined by considering a trade off between engine speed, power, and torque requirements, as well as vehicle fuel consumption Automobile manufacturers have recognized the compromises associated with engines that are governed by the rotation of the camshaft. This rotation, the speed of which is proportional to the engine's speed, determines the timing of the engine valves. For this reason, automotive engineers must make a decision early in the design process that dictates the performance of the automobile. The engine will either have powerful performance or increase fuel economy, but with the existing technology it is difficult to achieve both simultaneously. If these valves are actuated as a variable function of crankshaft angle, significant improvements in fuel economy can be achieved. Automotive engines with camless valve train (so called camless engines) have been studied for over twenty years, but production vehicles with engines of this type are still not available due to difficulties in ensuring adequate and reliable valve performance in this valve traia For an electromechanical valve train, the actuator noise caused by high contact velocities of the moving parts of the actuator has been identified as a key problem. With the idea of providing tools to address this problem, in this project we designed and developed a setup to demonstrate electromechanical valve actuation system. The electromechanical valve actuator is basically an electromagnet that pushes the valve into the engine cylinder, which opens the valve and the another electromagnet which pulls it upwards and thus closes the valve.

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

(22) Date of filing of Application :06/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A Seat Tracks Unlocking Mechanism and an Actuating Mechanism Thereof

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:NA :NA	(71)Name of Applicant:  1)Faurecia Interior Systems India Private Limited Address of Applicant: Plot No.T-187, Pimpri Industrial Area (B.G. Block), Behind Bhosari Police Station, Bhosari, Pune, MH
(86) International Application No	:PCT//	India Maharashtra India
Filing Date	:01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	1)DANANE Amit
(61) Patent of Addition to Application Number	:NA	2)AGHOR Prachetas
Filing Date	:NA	3)BHIRUD Chaitanya
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention provides an unlocking mechanism for unlocking seat tracks by operating a seat track lock. The unlocking mechanism is having a first lever, a second lever, a first bracket, a second bracket and cables. The first lever and the second lever disposed across upper tracks of a seat. The first bracket and the second bracket are secured to the respective upper tracks. Each of the first bracket and the second bracket hinged to one of the lever and supports the other lever. The cables extending from supported end of each of the levers and connected to an actuating means, the cables enable to transfer the mechanical pull. Therefore, upon operating the actuating means the cables are pulled thereby lifting the supported ends and lowering the opposite ends of each of the levers thereby pressing the seat track the seat track lock for unlocking the seat tracks.

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

(22) Date of filing of Application :06/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A POLYOLEFIN RESIN HAVING ENHANCED HYDROPHILIC PROPERTIES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C08K5/00 :NA :NA :NA :PCT// :01/01/1900 : NA :NA :NA	(71)Name of Applicant:  1)RELIANCE INDUSTRIES LIMITED Address of Applicant: 3rd Floor, Maker Chamber-IV, 222, Nariman Point, Mumbai-400021, Maharashtra, India. Maharashtra India (72)Name of Inventor: 1)GUPTA VIRENDRA KUMAR 2)KALITA AMARJYOTI 3)KELKAR ANIL KRISHNA 4)ARORA ARUN 5)GAJELLI CHANDRAMOULI GANGARAM 6)BHAJIWALA HIREN M 7)DHAMANIYA SUNIL 8)THALIYIL VEEDU SREEKUMAR
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# (57) Abstract:

The present disclosure relates to a polyolefin resin comprising at least one polyolefin blended with at least one modifying agent selected from the group consisting of alkoxy silane of formula Si(OR)4, alcohol based phosphate ester and phenol ethoxylated phosphate ester. The amount of said modifying agent in the polyolefin ranges from 0.5 to 10 w/w%.

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

(22) Date of filing of Application :07/08/2014

(43) Publication Date: 04/03/2016

# (54) Title of the invention: A PROCESS FOR PREPARATION OF MIRABEGRON AND ITS NOVEL INTERMEDIATES

		(71)Name of Applicant:
(51) International classification	:C07D277/40	1)WANBURY LTD.
(31) Priority Document No	:NA	Address of Applicant :WANBURY LTD., BSEL TECH
(32) Priority Date	:NA	PARK, B-WING, 10TH FLOOR, SEC-30A, OPP. VASHI
(33) Name of priority country	:NA	RAILWAY STATEION, VASHI, NAVI MUMBAI- 400703,
(86) International Application No	:NA	MAHARASHTRA, INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. NITIN SHARADCHANDRA PRADHAN
(61) Patent of Addition to Application Number	:NA	2)DR. NILESH SUDHIR PATIL
Filing Date	:NA	3)DR. RAJESH RAMCHANDRA WALAVALKAR
(62) Divisional to Application Number	:NA	4)MR. NILESH SUBHASH KULKARNI
Filing Date	:NA	5)MR. SANTOSH NAMDEV RAWOOL
		6)MR. PURUSHOTTAM EKANATH AWATE

# (57) Abstract:

The present invention relates to a novel process for preparation of Mirabegron of Formula (I) using intermediates of Formula (II), (IIIa), (IIIb) and (IV).

No. of Pages: 43 No. of Claims: 22

(22) Date of filing of Application :18/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: NANOPARTICULATE PHARMACEUTICAL COMPOSITIONS OF APREPITANT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A61K31/5377 :NA :NA :NA :PCT/// :01/01/1900 : NA :NA :NA :NA	(71)Name of Applicant:  1)Glenmark Pharmaceuticals Limited Address of Applicant: Glenmark House, HDO Corporate Bldg, Wing A, B. D. Sawant Marg, Chakala, Andheri (East), MUMBAI Maharashtra India (72)Name of Inventor: 1)DHUPPAD, Ulhas 2)CHAUDHARI, Sunil S. 3)RAJURKAR. Suresh 4)KASLIWAL, Alkesh 5)DERE, Ajay 6)MOHITE, Pramod
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## (57) Abstract:

The present invention relates to a nanoparticulate pharmaceutical composition comprising aprepitant and at least one surface stabilizer and a method for preparing such composition. The invention is further directed to a pharmaceutical dosage form comprising a nanoparticulate pharmaceutical composition of aprepitant, a surface stabilizer adsorbed on the surface of aprepitant and a pharmaceutically acceptable excipient. The pharmaceutical composition of the invention is useful in the treatment or prevention of nausea and vomiting.

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

(22) Date of filing of Application :19/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: Automatic Speed Control Mechanism for Horizontal Axis Wind Turbine by Spiral Spring

(51) Let an el an el de el Control	F02D2/0/2	(71)N 6 A V
(51) International classification	:F03D3/062	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Jadhav Vaibhav Rajaram
(32) Priority Date	:NA	Address of Applicant : At. Goharan, Post. Bhayale, Tal.
(33) Name of priority country	:NA	Chandwad, Dist. Nashik. Pin Code-423117 Maharashtra India
(86) International Application No	:PCT//	2)Bagal Rushinesh sayajirao
Filing Date	:01/01/1900	3)Borade Tushar Shankar
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Jadhav Vaibhav Rajaram
Filing Date	:NA	2)Bagal Rushinesh sayajirao
(62) Divisional to Application Number	:NA	3)Borade Tushar Shankar
Filing Date	:NA	

#### (57) Abstract:

Initially the wind turbine had an electronic device which controlled the speed of the rotor. Due to its high initial implementing cost it is not affordable by the owners and also it requires trained operator in the controlling room to keep a constant watch on its operation. The present invention implements a simple mechanical device commonly known as spring in order to save the electric generator from getting burned due to excess speed. In this when the speed of wind turbine exceeds speed limit the spiral spring is acted upon by a torsional force due to which the direction of blades change and the speed of the rotor remains constant. This action of spiral spring prevents the rotor reaching the maximum rpm (500 rpm) of the electric generator, due to which the electric generator is prevented from burning. It is most efficient and cheapest method of preventing the electric generator from blast and it can be a best substitute to the electronic device. The wind turbine farm owners can afford this mechanism as it is cheap, durable and user friendly. Following invention is described in detail with the help of Figure 1 of sheet 1 showing the sectional view of speed control mechanism and Figure 2 of sheet 2 showing grid connection system.

No. of Pages: 19 No. of Claims: 4

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: AN IMPROVED PROCESS FOR THE PREPARATION OF PERPHENAZINE

(51) International classification	:C07D417/06,	(71)Name of Applicant:
(51) international classification	A61K31/5415	1)ENALTEC LABS PRIVATE LIMITED
(31) Priority Document No	:NA	Address of Applicant:17TH FLOOR, KESAR SOLITAIRE,
(32) Priority Date	:NA	PLOT NO.5, SECTOR-19, SANPADA, NAVI MUMBAI
(33) Name of priority country	:NA	MAHARASHTRA, INDIA. PIN CODE: 400705 Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BOBBA VENKATA SIVAKUMAR
(61) Patent of Addition to Application Number	:NA	2)KODALI ESWARA RAO
Filing Date	:NA	3)GIRISH BANSILAL PATEL
(62) Divisional to Application Number	:NA	4)SANJAY DASHRATH VAIDYA
Filing Date	:NA	5)ALOK PRAMOD TRIPATHI

<sup>(57)</sup> Abstract:

The present invention provides an improved process for the preparation of perphenazine compound of structural formula I.

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

(22) Date of filing of Application :07/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: PROCESS FOR CONVERSION OF CARBON DIOXIDE GAS INTO BICARBONATE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:C01B31/00, C01B31/20 :NA :NA	(71)Name of Applicant:  1)GHOLE VIKRAM SHANTARAM Address of Applicant: 1097/2A, 'SHIV' APARTMENT, FLAT
(33) Name of priority country	:NA	# 3, MODEL COLONY, OPP. DSK-TOYOTA SHOWROOM,
(86) International Application No	:NA	PUNE 411016, MAHARASHTRA Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)GHOLE VIKRAM SHANTARAM
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Disclosed is a process for conversion of carbon dioxide gas into the bicarbonate. The process comprises supplying carbon dioxide to a medium containing water, salts/ions and the catalyst at predefined temperature and pressure for 05 to 500 seconds. The catalyst converts carbon dioxide gas into bicarbonate ion (HC03) and bicarbonate thus formed was stabilized using specific salts / ions. The bicarbonate thus synthesized can be used for supplying to algae and/or using the bicarbonate for allied purposes. The algae grown using synthesized bicarbonate (as per the described process) can be utilized as a source for food supplement, fuel and the like.

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

(22) Date of filing of Application :07/08/2014

(43) Publication Date: 04/03/2016

# (54) Title of the invention : METHOD FOR SIMULTANEOUS EVALUATION OF THE ACTIVITIES OF CYP450'S USING AN IN VITRO CASSETTE INCUBATION OF PROBE SUBSTRATES.

(51) International classification	:C12Q1/48	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. DIPTI BIPIN RUIKAR
(32) Priority Date	:NA	Address of Applicant :91, SUDAMA, MANIK NAGAR,
(33) Name of priority country	:NA	AIRPORT ROAD, NANDED, MAHARASHTRA 431605
(86) International Application No	:NA	INDIA. Maharashtra India
Filing Date	:NA	2)PROF. SADHANA J RAJPUT
(87) International Publication No	: NA	3)MR. GAJANAN JAYWANTRAO DESHMUKH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. DIPTI BIPIN RUIKAR
(62) Divisional to Application Number	:NA	2)PROF. SADHANA J RAJPUT
Filing Date	:NA	3)MR. GAJANAN JAYWANTRAO DESHMUKH

#### (57) Abstract:

This novel invention relates to the HPLC-UV method for simultaneous evaluation of the activities of four cytochrome P450's (CYP2B6, CYP2C9, CYP2E1, and CYP3A4) in human liver microsomes in a single run. The isocratic LC/UV method can offer new analytical possibilities which provide sufficient sensitivity and linear concentration range for the analysis of probe substrate and its metabolites with pertinent resolution from in vitro individual incubations as well as cassette incubations. Hence can be used to improve throughput and cost-effectiveness in preclinical drug studies. The four-specific probe substrates include efavirenz (CYP2B6), diclofenac (CYP2C9), chlorzoxazone (CYPE1), and atorvastatin (CYP3A4).

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

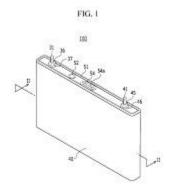
(22) Date of filing of Application :07/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: RECHARGEABLE BATTERY

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:H01M4/90 :61/885,446 :01/10/2013 :U.S.A. :NA	l '
Filing Date	:NA	1)BYUN, Sang-Won
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	2)LEE, Won-Jun 3)MOON, Young-Sik
Filing Date	:NA	S)MOON, Toung-Sik
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A rechargeable battery includes an electrode assembly; a case housing the electrode assembly; and an electrode connection assembly electrically coupled to the electrode assembly, the electrode connection assembly including: a terminal; a current collector electrically coupled to the electrode assembly; an insulating member positioned between the terminal and the current collector, wherein a portion of the insulating member is spaced from the terminal and the current collector; and a connection member electrically coupling the terminal and the current collector, the connection member including a fuse part, wherein the portion of the insulating member overlaps with the connection member.



No. of Pages: 35 No. of Claims: 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2644/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :19/08/2014 (43) Publication Date : 04/03/2016

(54) Title of the invention: System and method for memory training and its quantitative assessment

(51) International classification	:G09B19/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Abhishek Raghunath
(32) Priority Date	:NA	Address of Applicant :8 Rameshwar Rifle Range Ghatkopar
(33) Name of priority country	:NA	West Mumbai Maharashtra India
(86) International Application No	:PCT// /	2)Shyam Santhakumar
Filing Date	:01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	1)Shyam Santhakumar
(61) Patent of Addition to Application Number	:NA	2)Abhishek Raghunath
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract:

A system for effective learning through enhancing memory using tools comprising a set of learning cards or card games or similar tools and a quantitative scoring system for evaluation of effectiveness of the learning.

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

(22) Date of filing of Application :26/06/2014

(43) Publication Date: 04/03/2016

# (54) Title of the invention : ALKYLAMINE TEMPLATE BASED HEXAGONAL MESOPOROUS SILICA FOR DISSOLUTION ENHANCEMENT OF POORLY WATER SOLUBLE DRUGS

	:A61K	(71)Name of Applicant:
(51) International classification	9/00,	1)VAVIA PRADEEP RATILAL
	C01B33/12	Address of Applicant :DEPARTMENT OF
(31) Priority Document No	:NA	PHARMACEUTICAL SCIENCES AND TECHNOLOGY,
(32) Priority Date	:NA	INSTITUTE OF CHEMICAL TECHNOLOGY (DEEMED
(33) Name of priority country	:NA	UNIVERSITY), NATHALAL PARIKH MARG, MATUNGA
(86) International Application No	:NA	(EAST), MUMBAI 400 019, INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VAVIA PRADEEP RATILAL
(61) Patent of Addition to Application Number	:NA	2)JADHAV NITIN VITTHALRAO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract:

The present invention includes preparation of alkylamine template based hexagonal mesoporous silica (HMS)) as a carrier for dissolution enhancement of poorly water soluble drugs. The HMS are made by neutral template based sol-gel technique and calcinations. Drug loading is achieved by solvent immersion technique. The HMS will have higher surface area (upto 1000 m/gm) with some unique properties such as thicker frame wall, smaller domain size with short channel, worm hole pores, etc. and these properties can be appreciated for drug delivery application.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2363/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :22/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A HEAVY DUTY VEHICLE AXEL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:B60B35/08 :NA :NA :NA :NA :NA : NA :NA :NA	(71)Name of Applicant:  1)SHREE NARAYAN ENGINEERING Address of Applicant:1027, RAPAR, KUCHCHH PIN. 370165, GUJARAT, INDIA. Gujarat India (72)Name of Inventor: 1)CHAUDHARY NARANBHAI MADEVBHAI
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

No. of Pages: 12 No. of Claims: 2

<sup>1.</sup> An axle apparatus for a heavy duty vehicle comprising: a) an axle housing member defining spindle mounting regions; b) a pair of spindles secured to said mounting regions on said axle housing member; and, c) a plurality of coupling members extending between said spindles and mechanically coupling wherein two portions, the two portions connected by a plurality of fastening elements and a plurality of positioning elements; disengaging the plurality of fastening elements; applying a torque to one or more positioning elements so as to push apart the two portions of the axle and thereby balancing the centre of gravity of vehicle.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2571/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :09/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: Antenna size Optimization using Metamaterial

(51) International classification	·V10T20/40204	(71) Name of Applicant
` '		(71)Name of Applicant:
(31) Priority Document No	:NA	1)Sardar Vallabhbhai National Institute of Technology
(32) Priority Date	:NA	Address of Applicant :SVNIT Campus, Ichchhanath, Surat,
(33) Name of priority country	:NA	Gujarat, India-395007 Gujarat India
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)Dr. Vivekanand Mishra
(87) International Publication No	: NA	2)Surabhi Dwivedi
(61) Patent of Addition to Application Number	:NA	3)Dr. Yogeshwar Prasad Kosta
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

Present invention relates to metamaterial cover over a slotted microstrip patch antenna. More particularly, present invention relates to miniaturizing size of microstrip patch antennas. An objective of the present invention is to develop a Radome structure by controlling the electromagnetic wave propagation direction for obtaining a more directional and higher gain antenna.

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

(22) Date of filing of Application :10/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: METHOD, COMPOSITION AND KIT FOR CONTROLLING OF INFESTATION OF CITRUS

(51) International classification	:C12N15/8279	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Uday Bhavanishankar Philar
(32) Priority Date	:NA	Address of Applicant :38 & 39, Nyati, Serenity Enclave, NIBM
(33) Name of priority country	:NA	Annexe, Undhri, Pune Maharashtra India
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)Uday Bhavanishankar Philar
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

#### (57) Abstract:

Method of controlling infestation of citrus comprising the steps of i) application of nanobiocide component -1 as a soil drench and foliar spray followed by simultaneous application of component-2 and component-4 followed by the application of component-3, as and when the citrus psyllid observed at threshold levels; ii) application of component-6 which is silicone based wetting and spreading agent cum penetrant mixed with components 3 and 5 and water as foliar spray; and iii) finally applying component- 5 from the onset of flowering at 30 45 day intervals.

No. of Pages: 42 No. of Claims: 46

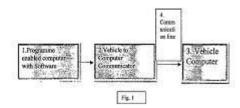
(22) Date of filing of Application :31/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : METHOD OF PRE-SETTING AN ENGINE MANAGEMENT SYSTEM CONTROLLER ON ASSEMBLY LINE

(51) International classification	:G05B15/02, H04M15/00	(71)Name of Applicant: 1)MAHINDRA & MAHINDRA LIMITED
(21) Direit December No.		
(31) Priority Document No	:NA	Address of Applicant :R & D CENTER, AUTOMOTIVE
(32) Priority Date	:NA	SECTOR, 89, M.I.D.C., SATPUR, NASHIK-422 007,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BHAUPATIL VILAS YEWALE
(87) International Publication No	: NA	2)GANESH ARUN WANDALE
(61) Patent of Addition to Application Number	:NA	3)NITIN SHARAD DIXIT
Filing Date	:NA	4)MAYUR PRAKSH SONAWANE
(62) Divisional to Application Number	:NA	5)SOMNATH EKNATH ASWALE
Filing Date	:NA	6)VINAY ANIL KHATOD

#### (57) Abstract:

The invention relates a system for pre-setting an engine management system controller on assembly line. The said system comprises a circuit jig with external power supply means to controller with a ignition switch and relay system. One or more number sockets with connection to said power supply provided on the said circuit jig for connecting individual controller. A two wire controller area network provided to the said sockets for communication. A computer, having data base of various pre-setting programmes for controller, connected to the said circuit jig through the said controller area net work. An On board diagnostics socket (OBD) provided for cable connecting to vehicle interface. A bar code scanner provided to the said circuit jig communicating to the said computer for identifying vehicle to select preset programme flashing. Reference figures: Figure 1A and Figure 3



No. of Pages: 16 No. of Claims: 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1678/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :19/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : AN APPARATUS FOR CONVERSION OF PRESSURIZED OR ATOMIZED WATER TO SUPERHEATED STEAM IN ONE SINGLE STAGE AND ITS METHOD THEREOF

(51) International classification	·F22B27/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DAVE, Apurva Vishnukumar
(32) Priority Date	:NA	Address of Applicant :B - 302, Kaushambi Appartments, Near
(33) Name of priority country	:NA	Mahalaxmi Char Rasta, Paldi, Ahmedabad, Gujarat, India. Gujarat
(86) International Application No	:PCT//	India
Filing Date	:01/01/1900	2)KRISHNAN, Ravi Balu
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DAVE, Apurva Vishnukumar
Filing Date	:NA	2)KRISHNAN, Ravi Balu
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention relates to a novel apparatus for conversion of pressurized or atomized water to superheated steam in one single stage. The proposed invention provides an apparatus which converts the pressurized or atomized water to superheated steam to temperature range of 250 Degree Centigrade or above.

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

(22) Date of filing of Application :11/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: METHOD FOR PROVIDING GEAR SHIFT INDICATION IN MULTI-DRIVE MODE VEHICLE

(51) International classification :B60K6/2 (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)TATA MOTORS LIMITED Address of Applicant:Bombay House, 24 Homi Mody Street, Hutatma Chowk, Mumbai 400 001, Maharashtra, India Maharashtra India (72)Name of Inventor: 1)GAURAV GUPTA 2)S SRIDHAR 3)SARVANU GANGOPADHYAY 4)CHIRAG SONCHAL 5)VISWANATHA H C 6)RODE RAVINDRA
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### (57) Abstract:

TITLE: A SYSTEM FOR INDICATING GEAR SHIFT IN A MULTI DRIVE MODE VEHICLE, AND A METHOD THEREOF • ABSTRACT The present disclosure provides a system and method for indicating gear shift in a multi-drive mode vehicle. The system comprises a memory unit configured to store a plurality of look-up tables. The system further comprises an Electronic Control Unit (ECU) in communication with the memory unit, and is configured to perform detection of one of plurality of drive-modes of the vehicle being selected, detection of values of accelerator pedal position and engine speed based on inputs received from plurality of sensors, comparison of the detected values of accelerator pedal position and engine speed with pre-set values of accelerator pedal position and engine speed in the look-up table corresponding to the detected drive mode and indication, on a display unit associated with the ECU, up shift and down shift of the gear, based on comparison by the ECU. FIG.1

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

(21) Application No.2591/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :11/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: NOVEL PROCESS FOR PREPARATION OF AZILSARTAN MEDOXOMIL

(51) International classification	:A61K9/0019, A61K9/146	(71)Name of Applicant:
(31) Priority Document No	:NA	1)LUPIN LIMITED
(32) Priority Date	:NA	Address of Applicant :159 CST Road, Kalina, Santacruz
(33) Name of priority country	:NA	(East), Mumbai-400 098, State of Maharashtra, India Maharashtra
(86) International Application No	:PCT//	India
Filing Date	:01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	1)ANSARI , Shahid, Akhtar
(61) Patent of Addition to Application	:NA	2)HIRANI, Tirathkumar, Rameshbhai
Number	:NA	3)YADAV, Ashok, Keshavlal
Filing Date	.NA	4)BARIA, Reenaben, Ratansing
(62) Divisional to Application Number	:NA	5)PATHAK, Dharmendrakumar, Shripati
Filing Date	:NA	

## (57) Abstract:

The present invention provides novel process for preparation of azilsartan medoxomil (I). The present invention also provides novel intermediate compounds (V, R<sup>TM</sup> is ethyl), (VI, R<sup>TM</sup> is ethyl) and (VII, R<sup>TM</sup> is ethyl), useful for synthesis of azilsartan medoxomil (I).

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

(22) Date of filing of Application :11/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: A PROCESS FOR SYNTHESIS OF FURAN DERIVATIVE(S)

(51) Y	G05D 405/14	(71) 1
(51) International classification	:C0/D40//14	(71)Name of Applicant:
(31) Priority Document No	:NA	1)RELIANCE INDUSTRIES LIMITED
(32) Priority Date	:NA	Address of Applicant :3rd Floor, Maker Chamber-IV, 222,
(33) Name of priority country	:NA	Nariman Point, Mumbai 400 021, Maharashtra, India
(86) International Application No	:PCT//	Maharashtra India
Filing Date	:01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	1)SHARMA RAJESH VISHNUDEV
(61) Patent of Addition to Application Number	:NA	2)KATOLE SURAJ ONKAR
Filing Date	:NA	3)DHOOT SHRIKANT BALKISAN
(62) Divisional to Application Number	:NA	4)PARASU VEERA UPPARA
Filing Date	:NA	

#### (57) Abstract:

[074] The present disclosure relates to a process for preparing furfural or its derivatives including but not limited to 5-hydroxymethyl furfural (HMF) by dehydrating sugars in presence of organic catalyst and promoter. More particularly, the present disclosure provides a process for dehydration of monosaccharide using a homogeneous catalyst and promoter in presence of homogeneous mixture of solvent system to yield furfural derivative including but not limited to 5-hydroxymethyl furfural (HMF). The said process is simple, fast, economical and offer several advantages including but not limited to high sugar conversion and significantly low by-product formation, mild reaction/operating conditions, simple product isolation procedure and high product yield.

No. of Pages: 21 No. of Claims: 14

(22) Date of filing of Application :05/12/2013

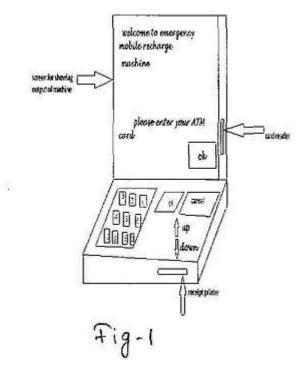
(43) Publication Date: 04/03/2016

## (54) Title of the invention: EMERGENCY MOBILE RECHARGE MACHINE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:G07F17/16, G07F7/00, :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)MANISH T. MADANKAR Address of Applicant: VITTHAL MANDIR WARD, CHANDRAPUR (UTTRA APT. NO. 04) Maharashtra India (72)Name of Inventor: 1)MANISH T. MADANKAR
(87) 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 the best project ever for our indian people, i.e. Emergency mobile recharge machine. This gadget gives kind of recharge to us at anytime and anywhere, this is not a topup machine which gives a voucher. The person can operate this machine as like ATM machine, this machine gives easy recharge in 15 to 20 second. This is helpful to the travellers by bus or train. This machine have more advantages. To operating process of this machine is very easy and understandable. The transaction of this machine will on online to need to of cash it debits money from our bank account number. And gives instant recharge to us. As like today most of the people use smart phones they use paytm freecharge like applications but in india everyone doesnt have smart phones then how they get recharge at emergency time and for smart phone user they must have net balance without this they also cannot het recharge so this EMR machine is very helpful to us.



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

(22) Date of filing of Application :08/08/2014

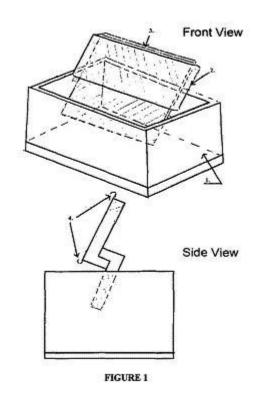
(43) Publication Date: 04/03/2016

# (54) Title of the invention : A DIGITAL PLATFORM FOR 360° ORIENTATION THROUGH VERTICLE AND HORIZONTAL AXES INTEGRATED WITH A TAKE-ALONG CHARGING UTILITY FOR MODERN SMARTPHONES

	G06E2/0404	(71) N
(51) International classification	:G06F3/0484	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MR. SHUBHAM THAKUR
(32) Priority Date	:NA	Address of Applicant :FLAT NO.11, YASHOM NEST,
(33) Name of priority country	:NA	SHINDE COLONY, RAVET, PUNE-411033, MAHARASHTRA
(86) International Application No	:NA	STATE. Maharashtra India
Filing Date	:NA	2)MR. MAYANK CHILWARWAR
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MR. SHUBHAM THAKUR
Filing Date	:NA	2)MR. MAYANK CHILWARWAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The one-of-its-kind Integrated device invented for comforting and providing a compelling experience to the modern Smartphone users by integrating the Orientation Mechanism which would be installed in two different arrangements, 1. The Orientation Inverted-L platform. 2. The Rotational Orientation Jacket, along with the take-along Portable charging configuration which is altogether named as the Eonix platform. The said device is capable of assisting the Smartphone users to enjoy their digital experience with a  $360^{\circ}$  orientation along with its portable charging and the liberty to charge the Smartphone while travelling without any external power socket required, which has not yet been introduced in the market as an integrated platform. The basic cost of the Eonix platform would be mid-ranged depending on the final market version cost price i.e. in the range of Rs.500 - 700/-



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

(22) Date of filing of Application :08/08/2014

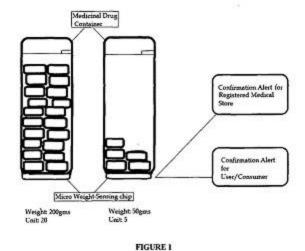
(43) Publication Date: 04/03/2016

# (54) Title of the invention : A MICROCONTROLLER INTEGRATED WEIGHT SENSOR INSTALLED ON THE MEDICINE BOTTLES TO DETECT THE EXACT RE-FILL TIME

(51) International classification	:G08B13/149	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MR. SHUBHAM THAKUR
(32) Priority Date	:NA	Address of Applicant :FLAT NO-11, YASHOM NEST,
(33) Name of priority country	:NA	SHINDE COLONY, RAVET, PUNE - 411033,
(86) International Application No	:NA	MAHARASHTRA STATE. Maharashtra India
Filing Date	:NA	2)MR. MAYANK CHILWARWAR
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MR. SHUBHAM THAKUR
Filing Date	:NA	2)MR. MAYANK CHILWARWAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A system for efficient and punctual re-filling of medicinal units to the consumers with insignificant introduction of manual effort. The platform completely suffices the need to re-fill the medicinal stock of the consumer with a micro weight-sensor being installed on the medicinal container. The micro weight-sensor would be integrated with the time-definitive alerting system which allows the 'utility' to send confirmation alert to the consumer as well as the registered medical store for re-filling the medical stock. This method has been developed to provide its users with a more user-friendly, more efficient, less time consuming and cheaper alternative to get their medical stock delivered on time. This would also help in the expansion of the technological horizon and would re-define the customer experience. The cost of a unit of this system would range between Rs.400 to Rs.700 (cost of manufacturing is a function of market conditions hence can vary overtime).



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

(22) Date of filing of Application :29/07/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: REAL TIME DRIVING PATTERN IDENTIFICATION AND ALERT SYSTEM IN VEHICLES

(51) International classification	:G06E3/00, B60W40/08, G06G7/00, G06F15	(71)Name of Applicant:  1)MAHINDRA & MAHINDRA LIMITED  Address of Applicant: R & D CENTER, AUTOMOTIVE SECTOR, 89, M.I.D.C., SATPUR, NASHIK - 422 007,
(31) Priority Document No	:NA	MAHARASHTRA, INDIA. Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)ARAVAPALLI SRINIVAS
(86) International Application No	:NA	2)PALANIVELU PRABHARAN
Filing Date	:NA	3)CHIDAMBARAM NANDAGOPALAN
(87) International Publication No	: NA	4)KATYAMANDALI HARI BALAJI
(61) Patent of Addition to Application Number	:NA	5)CHANDRASEKARAN SRIDHAR PRASAD
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

Real time driving pattern identification and alert system comprises of the infotainment HMI screen, controller, processing unit, microcontrollers, CAN (controller area network) bus, memory, user interface and communication protocols such as bluetooth, wherein the said infotainment HMI screen of the system is provided with the bar graph representation which dynamically varies depending on the driving pattern of the driver

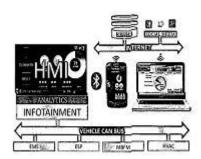


Fig. 1

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

(21) Application No.1638/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :14/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : A NOVEL FORMULATION OF ORYZANOL AND DRUG DELIVERY SYSTEM MADE UP OF ORYZANOL

(51) International classification	· 461K9/107	(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	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)Dr. PANCHAL, Shital
(87) International Publication No	: NA	2)Dr. BUTANI, Shital
(61) Patent of Addition to Application Number	:NA	3)PATIDAR, Rajesh
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Present invention provides a novel vesicular formulation. Said novel vesicular formulation itself is pharmacologically active. Said novel vesicular formulation is also used for delivery of additional drugs by entrapment of various drugs for therapeutic purpose. The entrapment efficiency of the present novel vesicular formulation is 80%, wherein with increase in the lipid: oryzanol ratio, the entrapment efficiency increases. The present novel vesicular formulation provides enhanced pharmacological activity with entrapped drug compared to respective drug when used alone.

No. of Pages: 1 No. of Claims: 10

(22) Date of filing of Application :23/01/2014

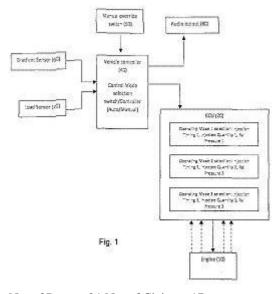
(43) Publication Date: 04/03/2016

## (54) Title of the invention: MULTIPLE MODE CONTROL SYSTEM FOR A VEHICLE.

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:G05B15/00, G06F7/70 :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)MAHINDRA & MAHINDRA LIMITED  Address of Applicant: AUTOMOTIVE & FARM EQUIPMENT SECTOR, MAHINDRA TOWERS, DR. G.M. BHOSALE MARG, WORLI, MUMBAI-400 018, MAHARASHTRA, INDIA Maharashtra India (72)Name of Inventor:  1)MILIND VILAS DESHMUKH
(87) International Publication No	: NA	2)JACOB DAVID RAJ
(61) Patent of Addition to Application Number	:NA	3)AMOL ARON RELKAR
Filing Date	:NA	4)SANJIV KASHINATH KHETMAR
(62) Divisional to Application Number	:NA	5)VISHAL DUDHANKAR
Filing Date	:NA	6)SACHIN BHALCHANDRA KULKARNI
		7)DEVISING SADASHIV RATHOD

## (57) Abstract:

MULTIPLE MODE CONTROL SYSTEM FOR A VEHICLE The invention discloses an engine control system for enhanced fuel economy and vehicle performance. It comprises of a vehicle controller to enable judicious selection and further migration between multiple operating modes through Engine Control Unit of a vehicle for effective fuel economy and vehicle performance based on / as a function of maximum vehicle speed, acceleration, road gradient and drivability conditions of a vehicle for diverse load and/or drivability and/or other road conditions. The system provides a multiple mode control for vehicle to prevent over acceleration of the vehicle by a driver. The multiple mode control system is provided with optimization options for individual limited torque curve to maximize fuel economy.



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

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 04/03/2016

# (54) Title of the invention : A SYSTEM AND A METHOD TO SYNTHETICALLY GENERATE CATALOGUES USING SNAPSHOT DELTAS

	·C06E0/46	(71)Name of Applicant:
(51) International classification	H04L29/08	
(31) Priority Document No	:NA	Address of Applicant : Anand • , 16/130, Madhuban Mitra
(32) Priority Date	:NA	Mandal Lane No.3,Old Sangvi Pune 411027, Maharashtra, India
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	2)GAURAV MALHOTRA
Filing Date	:NA	3)SOURABH GUPTA
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)NITEEN G. KULKARNI
Filing Date	:NA	2)GAURAV MALHOTRA
(62) Divisional to Application Number	:NA	3)SOURABH GUPTA
Filing Date	:NA	

#### (57) Abstract:

The invention relates to a computer-implemented method for generating catalogs for snapshots may include (1) identifying an initial snapshot and a subsequent snapshot for a protected volume, (2) providing identifiers of the initial snapshot and the subsequent snapshot to a storage vendor application programming interface (API), (3) receiving, from the storage vendor API, an indication of at least one difference between the initial snapshot and the subsequent snapshot, and (4) synthetically generating a catalog for the subsequent snapshot based on a preexisting catalog for the initial snapshot such that the synthetically generated catalog reflects the difference between the initial snapshot and the subsequent snapshot indicated by the storage vendor API. Various other methods, systems, and computer-readable media are also disclosed. {FIGURE 1}

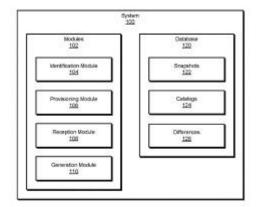


FIG. 1

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

(21) Application No.2581/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :11/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : A DUAL LAMINATE SHEET COMPRISES WITH TWO HIGH PRESSURE LAMINATE SHEETS PRESSED TOGETHER TO FORM A SINGLE SHEET

(51) International classification	:B32B3/30	(71)Name of Applicant:
(31) Priority Document No	:NA	1)M/S. WHITE WING MULTI COMMODITIES PVT. LTD
(32) Priority Date	:NA	Address of Applicant :3, GLENNDALE APPT., N.P.
(33) Name of priority country	:NA	THAKKAR ROAD, VILE PARLE (EAST), MUMBAI 400 057
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR. NIMISH GALA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A high pressure laminate sheet cut as per the required design brought together with another base high pressure laminate sheet to form one sheet altogether. The laminate sheet can also be made by carving on a single sheet. The high pressure laminate sheets are pasted and pressed together by manually or in hot pressure or even in cold roll press to make 2 sheets becoming one. The upper sheet is cut by using lazer machine, cnc routing machine or even by hand cutting to form the upper format of the sheet. The thickness of the sheet can be varied as well as the size of the sheet horizontally or vertically. The dual laminate sheets are used for interior decoration as well as for exterior formation.

No. of Pages: 6 No. of Claims: 5

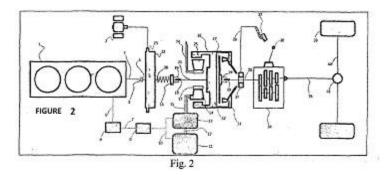
(22) Date of filing of Application :04/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: HYBRID DRIVE MODULE FOR A HYBRID ELECTRIC VEHICLE POWERTRAIN

(31) International classification (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA	(71)Name of Applicant:  1)MAHINDRA & MAHINDRA LIMITED Address of Applicant: AUTOMOTIVE & FARM EQUIPMENT SECTOR, MAHINDRA TOWERS, DR. G.M. BHOSALE MARG, WORLI, MUMBAI - 400 018, MAHARASHTRA, INDIA Maharashtra India (72)Name of Inventor: 1)PAUL CHERUKUNNATH ISAC 2)KUMAR PRASAD TELIKEPALLI 3)RAMCHANDRAN RAGHUPATY 4)ARAVAPALLI SRINIWAS 5)NABAL KISHORE PANDEY
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#### (57) Abstract:

The present invention relates to compact, cost effective and adaptable hybrid drive module for a hybrid vehicle. It discloses a hybrid drive module that is adaptable into conventional powertrains with substantially reduced modification enabling integration of the motor-alternator-generator assembly into diverse powertrain arrangements without limitation on the transmission type or engine type. Hybrid drive module of the present invention enables potential in existing conventional vehicle electrification without extensive modification of the engine housing or the transmission housing; obviate manufacture of a dedicated system applicable only to new vehicles designed only for the use of such dedicated systems; and overcomes limitation of using the arrangements restricted to the use of the hybrid systems only for manual transmission vehicles.



No. of Pages: 38 No. of Claims: 23

(22) Date of filing of Application :04/08/2014

(43) Publication Date: 04/03/2016

# (54) Title of the invention : NOVEL COUMARIN DERIVATIVES OF CURCUMIN AND PROCESS FOR PREPARATION THEREOF

(51) International classification	:A61P43/00, A61K31/404,	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JIWAJI UNIVERSITY GWALIOR
(32) Priority Date	:NA	Address of Applicant :JIWAJI UNIVERSITY GWALIOR-
(33) Name of priority country	:NA	470011,(M.P.), INDIA Madhya Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)AGARWAL DAYAL DAU
(87) International Publication No	: NA	2)SAHU PRAMOD KUMAR
(61) Patent of Addition to Application	:NA	3)SAHU PRAVEEN KUMAR
Number	:NA	4)GUPTA SUSHIL KUMAR
Filing Date	.NA	5)GUPTA SAVITA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present, invention relates to novel coumarin derivatives of curcumin of formula I and process for the preparation thereof. The said process comprises the condensation of curcumin with phenol and aldehyde compounds in presence of . base. The novel compound coumarin derivatives of curcumin proved to be highly bioactive.

**FORMULA 1** 

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

(21) Application No.2586/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :11/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : BOOSTED CIRCUIT OVER-BOOST PROTECTION BY PROVIDING PASSIVE LEAK PASSAGE THROUGH CANISTER PURGING PATH

(2.1) 2		
(51) International classification	:F02D41/064	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TATA MOTORS LIMITED
(32) Priority Date	:NA	Address of Applicant :Bombay House, 24 Homi Mody Street,
(33) Name of priority country	:NA	Hutatma Chowk, Mumbai 400 001, Maharashtra, India
(86) International Application No	:PCT//	Maharashtra India
Filing Date	:01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	1)GAURAV GUPTA
(61) Patent of Addition to Application Number	:NA	2)ANANDRAMAN L
Filing Date	:NA	3)S SRIDHAR
(62) Divisional to Application Number	:NA	4)HOSUR CHANDRASHEKARAIAH VISWANATHA
Filing Date	:NA	

#### (57) Abstract:

The present disclosure provides a system (100) for regulating intake air pressure of an engine (1). The system (100) comprises an air filter (2), a throttle body (5) and a conduit (102). The air filter (2) is fluidly connected to an inlet of a compressor unit (3). The throttle body (5) is fluidly connected to an intake manifold (6) of the engine (1). Air from compressor unit (3) is surged into intake manifold (6) at open condition of throttle body (5). The conduit (102) is fluidly connected in-between throttle body (5) and compressor unit (3). When throttle body (5) is at closed condition, high pressure air rebounded off the throttle body (5) is routed to inlet of compressor unit (3) via a venturi (7). The venturi (7) converts high pressure air entering venturi (7) to low pressure air to route low pressure air to compressor unit (3) thereby regulating intake air pressure. Figure 1

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

(21) Application No.2588/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :11/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: A process for preparation of stable Isavuconazonium Sulphate

(51) International classification	:B60K6/20	(71)Name of Applicant:
(31) Priority Document No	:NA	1)WOCKHARDT LIMITED
(32) Priority Date	:NA	Address of Applicant :D-4, MIDC Area, Chikalthana,
(33) Name of priority country	:NA	Aurangabad Maharashtra India
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)Khunt, Rupesh Chhaganbhai
(87) International Publication No	: NA	2)Rafeeq, Mohammad
(61) Patent of Addition to Application Number	:NA	3)Merwade, Arvind Yekanathsa
Filing Date	:NA	4)Deo,Keshav
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract:

The present invention relates stable isavuconazonium sulfate, having purity more than 90%. A further aspect of the present invention relates to the conversion of isavuconazonium iodide hydrochloride to isavuconazonium sulfate.

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

(22) Date of filing of Application :18/02/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: A PROCESS FOR THE PREPARATION OF PURE HYDRALAZINE HYDROCHLORIDE

(51) International classification	:C07D237/30	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ENALTEC LABS PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :17th FLOOR, KESAR SOLITAIRE,
(33) Name of priority country	:NA	PLOT NO.5 SECTOR-19, SANPADA, NAVI MUMBAI-400
(86) International Application No	:NA	705, MAHARASHTRA, INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BOBBA VENKATA SIVAKUMAR
(61) Patent of Addition to Application Number	:NA	2)KODALI ESWARA RAO
Filing Date	:NA	3)GIRISH BANSILAL PATEL
(62) Divisional to Application Number	:NA	4)SANJAY DASHRATH VAIDYA
Filing Date	:NA	5)ALOK PRAMOD TRIPATHI

<sup>(57)</sup> Abstract:

No. of Pages: 11 No. of Claims: 9

The present invention provides a process for the preparation of pure hydralazine hydrochloride.

(21) Application No.2593/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :11/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: MEASURING BLOOD PRESSURE

(86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA	1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai, Maharashtra 400021 Maharashtra India (72)Name of Inventor: 1)BANERJEE, Rohan 2)DUTTA CHOUDHURY, Anirban 3)SINHA, Aniruddha
Filing Date :NA  (62) Divisional to Application Number :NA Filing Date :NA	

#### (57) Abstract:

A method for measuring blood pressure of a subject is described herein. In an implementation, the method includes obtaining a plurality of photoplethysmogram (PPG) features associated with the subject. The method further includes ascertaining one or more latent parameters associated with the subject based on the plurality of PPG features and a reference model, wherein the reference model indicates a correlation between the plurality of PPG features and the one or more latent parameters. Further, blood pressure of the subject is determined based on the one or more latent parameters and the plurality of PPG features.

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

(22) Date of filing of Application :12/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: A COMPUTER IMPLEMENTED SYSTEM FOR AUDIO WATERMARKING

(51) International classification	:G10L19/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(33) Name of priority country	:NA	Point, Mumbai 400 021, Maharashtra, India. Maharashtra India
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)KAKKIRALA, Krishna Rao
(87) International Publication No	: NA	2)CHALAMALA, Srinivasa Rao
(61) Patent of Addition to Application Number	:NA	3)GARLAPATI , Bala Mallikarjuna Rao
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A computer implemented system for audio watermarking for providing robust and blind audio watermarking. The system comprises a watermark embedding system wherein an audio signal is divided into audio frames, multi-level District Wavelet Transform (DWT) is applied on each frame, followed by Singular Value Decomposition (SVD) and embedding the watermark, further followed by inverse SVD and inverse DWT to get watermarked audio frames which are combined to generate a watermarked audio signal. The system further comprises watermark extracting detection system wherein the watermarked audio signal which may be attacked and/or modified is divided into watermarked audio frames, multilevel DWT is applied on each watermarked audio frame, followed by SVD, extracting the embedded watermarked, correlating the extracted watermark with pre-stored watermarks, calculating Peak to Sidelobe ratio (PSR) from the correlation coefficient arrays and finally comparing each PSR with a threshold to authenticate the embedded watermark. Fig 1 and Fig 2

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

(21) Application No.2582/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :11/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: LINACLOTIDE STABLE COMPOSITION

(51) International classification :A61K47/1 (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)SUN PHARMACEUTICAL INDUSTRIES LTD. Address of Applicant:17/B, MAHAL INDUSTRIAL ESTATE, OFF MAHAKALI CAVES ROAD, ANDHERI (EAST) MUMBAI - 400093, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor: 1)THENNATI RAJAMANNAR 2)KULKARNI SHIRISH 3)KANERIA VIMAL 4)NATHAMANI T 5)POPTANI SANJAY
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## (57) Abstract:

A method of stabilizing linaclotide in a solid dosage form, said method comprising a) preparing a composition of linaclotide, acesulfame and pharmaceutically acceptable excipients and b) converting the composition into a solid dosage form.

No. of Pages: 20 No. of Claims: 10

(21) Application No.2583/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :11/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: NOVEL SALTS OF NILOTINIB AND POLYMORPHS THEREOF

(51) International classification	:C07C62/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SUN PHARMACEUTICAL INDUSTRIES LTD.
(32) Priority Date	:NA	Address of Applicant :17/B, MAHAL INDUSTRIAL
(33) Name of priority country	:NA	ESTATE, OFF MAHAKALI CAVES ROAD, ANDHERI
(86) International Application No	:NA	(EAST), MUMBAI Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Thennati Rajamannar
(61) Patent of Addition to Application Number	:NA	2)Kilaru Srinivasu
Filing Date	:NA	3)Valance Surendrakumar Macwan
(62) Divisional to Application Number	:NA	4)Shriprakash Dhar Dwivedi
Filing Date	:NA	

#### (57) Abstract:

The present invention provides novel salts of nilotinib and polymorphs thereof. The acid addition salts of nilotinib with butanedisulfonic acid, naphthalenedisulfonic acid, benzenesulfonic acid, naphthalenesulfonic acid and hydroxynaphthoic acid, hydrates and anhydrates thereof, particularly 2:1 and 1:1 salts of nilotinib with butanedisulfonic acid were prepared.

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

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

(19) INDIA

(22) Date of filing of Application :11/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: A NAVIGATION DEVICE AND A METHOD THEREOF

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:G01C21/32 :NA :NA :NA	(71)Name of Applicant: 1)TATA MOTORS LIMITED Address of Applicant: Bombay House, 24 Homi Mody Street, Hutatma Chowk, Mumbai 400 001, Maharashtra, India
(86) International Application No	:PCT//	Maharashtra India
Filing Date	:01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	1)Pramath Kant
(61) Patent of Addition to Application Number	:NA	2)Aalap Shah
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Embodiments of the present disclosure disclose a navigation device for detecting road condition. The navigation device receives a plurality of vibration signals from one or more sensors configured to sense vibration of a vehicle. The navigation device obtains a wave pattern based on an acceleration value of the vehicle being evaluated from the plurality of vibration signals. The navigation device compares the obtained wave pattern with a threshold wave pattern. The navigation device detects the road condition when the wave pattern matches the threshold wave pattern. The navigation device transmits data related to the detected road condition to a server being associated to the navigation device for storing and alerting other vehicles a presence of the detected road condition. FIGURE 4

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

(21) Application No.2585/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :11/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: MULTI-DRIVE MODE VEHICLE

(51) International classification :B60L11/(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)TATA MOTORS LIMITED  Address of Applicant: Bombay House, 24 Homi Mody Street, Hutatma Chowk, Mumbai 400 001, Maharashtra, India Maharashtra India (72)Name of Inventor: 1)GAURAV GUPTA 2)RAVISANKAR M 3)S SRIDHAR 4)HOSUR CHANDRASHEKARAIAH VISWANATHA 5)RAVINDRA ASARAM RODE 6)CHIRAG PADMAKAR SONCHAL
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#### (57) Abstract:

TITLE: A SYSTEM AND METHOD FOR OPERATING A VEHICLE IN MULTIPLE DRIVE MODES • ABSTRACT The present disclosure provides a system and method for operating a vehicle in multiple drive modes. The system comprises an Electronic Control Unit (ECU) configured to detect one of a plurality of drive modes of the vehicle being selected, receive one or more inputs from a plurality of sensors associated with the powertrain components and load on an engine of the vehicle. The ECU further compares the one or more received inputs with pre-set values corresponding to the selected drive mode and controls throttle actuation and at least one of ignition timing and relay of air-conditioner, for regulating amount of air-intake and at least one of engine idling speed and launch momentum of the vehicle, based on the drive mode of the vehicle selected. FIG.1

No. of Pages: 34 No. of Claims: 12

(22) Date of filing of Application :04/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: SYSTEM AND METHOD FOR PROVIDING MULTILINE INSURANCE

	G06040/00	(71)NI 6 A 19 A
(51) International classification	-	(71)Name of Applicant:
	G06Q40/02	1)Tata Consultancy Services Limited
(31) Priority Document No	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(32) Priority Date	:NA	Point, Mumbai 400021, Maharashtra, India Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT//	1)SINGH, Vineet Kumar
Filing Date	:01/01/1900	2)ROY, Srijeeb
(87) International Publication No	: NA	3)KACHROO, Vinod K
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (57) Abstract:

The present subject matter discloses system and method for recommending one or more services to customers. At first, the customers and service providers gets registered with the system. Further, customer-activities and entity-activities of one or more entities present in a network of the customer may be monitored. Further, the customer-activities and entity-activities may be processed for determining a current-stage information and life-event associated with the customer. The current-stage information may include behavioral pattern, life-style, liabilities, location, purchasing capability, and assets of the customer. Based on the life-event, one or more future-actions may be determined by the system. Further, the system recommends at least one service of the plurality of services to the customer based on the current-stage information and the one or more future-actions.

No. of Pages: 33 No. of Claims: 9

(22) Date of filing of Application :04/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: A CONSUMER ENGAGEMENT FRAMEWORK FOR INSURERS

	·C06040/09	(71)Name of Applicant
(51) International classification	G06Q40/02	(71)Name of Applicant : 1)Tata Consultancy Services Limited
(31) Priority Document No	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(32) Priority Date	:NA	Point, Mumbai 400021, Maharashtra, India Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT//	1)MAJUMDAR, Arunashish
Filing Date	:01/01/1900	2)SIVASUBRAMANIAN, Thirunavukarasu
(87) International Publication No	: NA	3)UKIL, Anirban
(61) Patent of Addition to Application Number	:NA	4)BHATTACHARYA, Indranath
Filing Date	:NA	5)VASUDEVAN, Meeralal
(62) Divisional to Application Number	:NA	6)CHATI, Aditya N
Filing Date	:NA	7)BANGALORE, Sri Hari

#### (57) Abstract:

Systems and methods for multi-channel data aggregation that can facilitate consumer engagement are provided to enable customer-centric solutions by collecting data across the lifecycle of consumers, studying usage patterns and protection needs and facilitating meaningful collaborations between peers and experts. Gamification techniques are employed to aggregate voluminous data captured from multiple channels that can be analyzed for usage patterns to provide an insight into consumers<sup>TM</sup> psyche and enable tailor-made solutions for promoting consumer stickiness.

No. of Pages: 34 No. of Claims: 8

(21) Application No.2605/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :13/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: VIBRATION ABSORBER SYSTEM FOR CONTROLLING/MINIMIZING VIBRATIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:G05D19/02 :NA :NA :NA :PCT// :01/01/1900	(71)Name of Applicant:  1)RAJARAMBAPU INSTITUTE OF TECHNOLOGY Address of Applicant: Rajaramnagar, Islampur, Dist. Sangli - 415414, Maharashtra, India. Maharashtra India (72)Name of Inventor:  1)KUMBHAR, SAMIR BHAGAWAN
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number Filing Date</li></ul>	: NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A vibration absorber system, coupled with a vibrating component, comprises a magneto rheological element. The magnetorheological element comprises a magneto rheological elastomer block, and at least one shape memory alloy element embedded in the magneto rheological elastomer block, wherein the shape memory alloy element is in electrical communication with a power source. The vibration absorber system further comprises an electromagnet disposed proximal to the magneto rheological element such that the magneto rheological element is positioned operatively between the poles of the electromagnet. The stiffness of the magnetorheological element can be varied by the application of at least one of a magnetic field via the electromagnet and increasing the temperature of the shape memory alloy element by an application of voltage using said power source. Fig.1

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

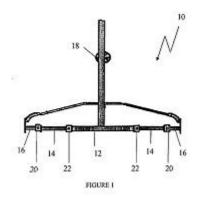
(22) Date of filing of Application :04/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: AN AXLE ASSEMBLY

(51) International classification	:C07D471/04, A61K31/438	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DEERE & COMPANY
(32) Priority Date	:NA	Address of Applicant :ONE JOHN DEERE PLACE,
(33) Name of priority country	:NA	MOLINE, ILLINOIS, 61265-8098, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JHA PANKAJ KUMAR
(87) International Publication No	: NA	2)CHANDAN KUMAR
(61) Patent of Addition to Application	¹:NA	3)SURAJ SINGH RAWAT
Number	:NA	4)SURYA PRATAP SINGH
Filing Date	.NA	5)PRADEEP CHAUHAN
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.NA	
Timig Dute		

#### (57) Abstract:

The present invention discloses an axle assembly for enabling steering a vehicle within a substantially reduced radius. The axle assembly includes a main axle (12) having opposing ends and functionally cooperating with the steering column of the vehicle. The main axle (12), at either ends thereof cooperates with at least one intermediate axle (14). The intermediate axle (14), at an end distal from the main axle (12), cooperates with an end axle (16). The operation of the steering column of the vehicle causes the main axle (12), the intermediate axle (14) and the end axle (16) to be selectively steered by a predetermined steering angle.



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

(21) Application No.2599/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :12/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: PROCESS FOR THE PREPARATION OF TRIGLYCERIDES OF EPA AND DHA

(51) International classification	:C07C69/003	(71)Name of Applicant:
(31) Priority Document No	:NA	1)PRAJ INDUSTRIES LIMITED
(32) Priority Date	:NA	Address of Applicant :PRAJ HOUSE, BAVDHAN, PUNE -
(33) Name of priority country	:NA	411021, INDIA. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MANGESH GANESH KULKARNI
(87) International Publication No	: NA	2)PANKAJ ASHOK CHAUDHARI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The invention relates to a process for the preparation of triglycerides of EPA and DHA by the method of glycerolysis using ethyl esters of EPA and DHA using a carbonate as catalyst. It particularly relates to the use of a metal carbonate as a catalyst for high efficacy conversion of the ester of EPA and DHA to triglycerides.

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

(22) Date of filing of Application :04/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: SYSTEM AND METHOD FOR ASSISTING A USER IN FINANCIAL PLANNING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G06Q30/02, G06Q50/18 :NA :NA :NA :PCT/// :01/01/1900 : NA :NA :NA	<ul> <li>(71)Name of Applicant:</li> <li>1)Tata Consultancy Services Limited         Address of Applicant: Nirmal Building, 9th Floor, Nariman         Point, Mumbai 400021, Maharashtra, India Maharashtra India         (72)Name of Inventor:     </li> <li>1)SINGH, Vineet Kumar         2)BOND, Barry Christopher         3)PALMER, Matthew Brendan         4)PRABU, Segaran</li> </ul>
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#### (57) Abstract:

Disclosed is a method and system for assisting a user in financial planning for retirement. The system may allow a user to define goals and actions for planning his retirement. The system may create an income profile of the user based on income sources of the user. The system may also receive details of funds invested for pension. The system may create an expense profile of the user upon receiving expense details of the user. The system may determine a retirement income of the user based on the income profile of the user, the details of funds invested for pension, and the expense profile of the user. The system may present the retirement income of the user and the expense profile of the user to visualize a retirement cash flow and thus manage financial planning for his retirement.

No. of Pages: 38 No. of Claims: 21

(22) Date of filing of Application :12/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : A METHOD AND EQUIPMENT FOR SEPARATING NON CONDUCTING NON MAGNETIC MINERALS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:B03C1/23 :NA :NA :NA	(71)Name of Applicant:  1)INDIAN RARE EARTHS LIMITED  Address of Applicant: 1207, Veer Savarkar Marg, Prabhadevi, Mumbai 400028, Maharashtra, India Maharashtra India
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	
(87) International Publication No	: NA	2)Patra, Rabi Narayan
(61) Patent of Addition to Application Number	:NA	3)JANARTHANAN, A. J.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Non-magnetic mineral particles with high resistivity cannot be separated from each other using the commonly employed industrial equipment for separation of conducting and non-conducting minerals such as the high tension roll (HTR) separators and the electrostatic plate (ESP) separators. The invention detailed herein describes new equipment having a combination of electrical (5, 6) and magnetic (8, 9) systems, effectively utilizing differences in relative permittivity and / or density of particles (2) for their separation. The electrical system (5, 6) imparts a charge on the mineral particles (2). The magnetic system (8, 9) generates a magnetic field of sufficient strength as required to impart a magnetic force on the charged particle to accomplish the desired separation of non-conducting minerals (13, 14) having similar electrical resistivity, for example, zircon from sillimanite.

No. of Pages: 19 No. of Claims: 33

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

(19) INDIA

(22) Date of filing of Application :13/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: STABLE CAPSULE COMPOSITIONS OF MESALAMINE

(51) International alassification	. A 61V21/606	(71) Name of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)CADILA HEALTHCARE LIMITED
(32) Priority Date	:NA	Address of Applicant :ZYDUS TOWER, SATELLITE
(33) Name of priority country	:NA	CROSS ROAD, AHMEDABAD - 380015, GUJARAT, INDIA
(86) International Application No	:NA	Gujarat India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KHERA BRIJ
(61) Patent of Addition to Application Number	:NA	2)KULKARNI SHUSHRUT KRISHNAJI
Filing Date	:NA	3)KIRAN H R
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

ABSTRACT STABLE PHARMACEUTICAL COMPOSITIONS OF MESALAMINE The present invention relates to stable pharmaceutical compositions of mesalamine. The composition of the invention is a capsule dosage form filled with a tablet. The invention also relates to process for preparing such compositions. The invention specifically relates to a composition of mesalamine wherein the composition is devoid of any reducing sugar or sugar alcohol.

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

(22) Date of filing of Application :13/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: NOVEL PLANT BASED AQUEOUS EXTRACT FOR RABIES VIRUS

(51) International classification	:A61K39/205	(71)Name of Applicant:
(31) Priority Document No	:NA	1)VIDYA PRATISHTHAN'S SCHOOL OF
(32) Priority Date	:NA	BIOTECHNOLOGY, VIDYANAGARI MIDC, BARAMATI
(33) Name of priority country	:NA	Address of Applicant :DIRECTOR, VIDYA
(86) International Application No	:NA	PRATISHTHAN'S SCHOOL OF BIOTECHNOLOGY,
Filing Date	:NA	VIDYANAGARI MIDC, BARAMATI, DISTRICT PUNE
(87) International Publication No	: NA	(MAHARASHTRA)-413133 Maharashtra India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. SUSHAMA R CHAPHALKAR
(62) Divisional to Application Number	:NA	2)DR. AMIT GUPTA
Filing Date	:NA	3)MISS. PALLAVI R KHAMKAR

#### (57) Abstract:

The invention relates to formulations which contain the aqueous extract of stem and leaf of plant Dipterocanihus palulus. These aqueous extract used as protein antigen and other secondary metabolites in the formulation instead of rabies protein antigen (rabipur vaccine) which is available in the market and is to be able to detect the immunological methods of the immune response inducing a specific as well as non specific immune response and to protecting the animals from infection by rabies virus. Rabies is a viral (bulletshaped and enveloped particle on average 75 -180 run) disease and is an acute, neurological disease caused by a neurotropic RNA virus that causes acute encephalitis in warm-blooded animals and its genome encodes five proteins designated as nucleo-protein, phosphor-protein, matrix-protein, glycol-protein and polymerase and is transmissible to all mammals by inoculation or inhalation of infectious virus. For the last so many years, rabies virus continues to be an important threat of human and veterinary infection because of extensive reservoirs in diverse species of wild life. This rabies virus is reported in various several countries like India, United Kingdom, Australia, Japan and other countries. The disease can be transmitted from one species to another commonly by infected dog to humans. Once the human is infected, this virus travels to the brain through peripheral nerves and the virus will be retaining for a long period of time (up to several months). So this virus can be effected variety of cells in the brain including cerebellum, the Purkinje cells etc and also spread from the central nervous system, via neurons, to the eyes, skin and various other sites (kidneys, pancreatic acinar cells) and the salivary glands. Infection of the brain leads to encephalitis and neural degeneration, finally leads to coma and death. Nevertheless, a good immune response that eliminates the infection can be achieved using a vaccine even after infection because of the long incubation phase. Rabies occur in children (30 - 60 %) under the age of 15 years and is one of the major public health problem in India killing an estimated number of 20,000 people annually largely due to ignorance, negligence and inadequate availability of primary healthcare services. For rabies disease, we need to increase the awareness for eliminating human rabies transmitted by dogs. So, there are number of vaccines which are available in the market for eliminating the rabies infection. Only human rabies immunoglobulin is available or may not be available in major urban centers or in many dog rabies-infected countries. Three major cell culture derived vaccine is generally used in the production of rabies vaccine are purified vero cell rabies vaccine, human diploid cells and hamster kidney cell rabies vaccine. However, vaccines prepared or grown in these cell lines would be safe and effective but it is very expensive. There is a severe shortage of rabies vaccine in the country and hence the availability of the indigenously developed and manufactured vaccine would be a timely intervention to check the problem. Finally, now a day, researchers focused on medicinal plants to eliminate the rabies infection. Generally, medicinal plants became part of the vaccine development process and are very effective. inexpensive and safe production and delivery system for vaccines. These antigens are produced in plants and are generally used to generate neutralizing or protective antibodies titre in animal models.

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

(21) Application No.2614/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :13/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : Integrated Mobile Phone Charging System

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:H02J7/00 :NA :NA :NA :PCT// :01/01/1900 : NA	(71)Name of Applicant: 1)SUDHIR, Sanandan Address of Applicant:1105-1106, A-Block, Titanium Square, Thaltej Crossroads, S.G. Highway, Ahmedabad - 380 054, Gujarat, India . Gujarat India (72)Name of Inventor: 1)SUDHIR, Sanandan
<ul> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:NA :NA :NA :NA	1)SODIIK, Sanandan

#### (57) Abstract:

The present disclosure mainly relates to the field of electrical devices, and particularly relates to charger of an electrical/computing device such as mobile phone, wherein the charger has an integrated rechargeable power battery source. In an aspect, the present disclosure relates to providing a charging device having an integrated battery therewith, for charging the mobile phones/computing devices, making the charging device being operable to provide power to the mobile phones/computing device even when the main power supply does not work or is not there, so that the charging device-integrated battery can be used to power the electric/computing device, such as mobile phone. An embodiment of the present disclosure provides an integrated charging device, which include plurality of USB ports, wireless communication interface, storage unit and battery unit.

No. of Pages: 34 No. of Claims: 18

(21) Application No.2529/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :06/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: PHARMACEUTICAL COMPOSITIONS OF POLYMERIC NANOPARTICLES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A61K9/14, A61K9/16 :NA :NA :NA :PCT// :01/01/1900 : NA :NA :NA :NA	(71)Name of Applicant: 1)CIPLA LIMITED Address of Applicant: Cipla House, Peninsula Business Park, Ganpatrao Kadam Marg, Lower Parel, Mumbai 400013, Maharashtra. India. Maharashtra India (72)Name of Inventor: 1)SHRIKHANDE, Shruti 2)BAJAJ, Amrita 3)MALHOTRA, Geena 4)RAUT, Preeti
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(57) Abstract:

ABSTRACT- The present invention relates to pharmaceutical compositions comprising polymeric nanoparticles of anticancer drugs.

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

(22) Date of filing of Application :05/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: IMPROVED PROCESS FOR THE PREPARATION OF BENZOXAZINE-1-ONE INTERMEDIATE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:C07D413/04, C07D498/04, :NA :NA	1)UNICHEM LABORATORIES LIMITED Address of Applicant :UNICHEM BHAVAN, PRABHAT
(33) Name of priority country	:NA	ESTATE, OFF S. V. ROAD, JOGESHWARI (W), MUMBAI-400
(86) International Application No	:NA	102, MAHARASHTRA, INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. DNYANESHWAR V. GAWAS
(61) Patent of Addition to Application	<sup>n</sup> ·NΔ	2)MR. KAPIL R. RAUT
Number	:NA	3)MR. PRASHANT U. RAWOOL
Filing Date	.NA	4)DR. DHANANJAY G. SATHE
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

The present invention relates to an improved process for preparation of 4-(4'-chlorophenyl)-1H-2,3-benzoxazin-l-one intermediate useful for preparation of Chlorthalidone.

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

(22) Date of filing of Application :05/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: BIMETALLIC HETEROGENEOUS CATALYST FOR USE IN ECO-FRIENDLY SOLVENTS

(51) International classification	:C07B37/04,	(71)Name of Applicant:
(31) Priority Document No	:NA	1)YADAV GANAPATI DADASAHEB
(32) Priority Date	:NA	Address of Applicant :CHEMICAL ENGINEERING
(33) Name of priority country	:NA	DEPARTMENT, INSTITUTE OF CHEMICAL TECHNOLOGY
(86) International Application No	:NA	(DEEMED UNIVERSITY), NATHALAL PAREKH MARG,
Filing Date	:NA	MATUNGA (EAST), MUMBAI 400 019, INDIA Maharashtra
(87) International Publication No	: NA	India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)YADAV; GANAPATI DADASAHEB
(62) Divisional to Application Number	:NA	2)PATANKAR, SAURABH CHANDRAKANT
Filing Date	:NA	

## (57) Abstract:

The present invention relates to a solid heterogeneous, multi-functional, bimetallic copper and zirconia based catalyst. More specifically, the present invention relates to a heterogeneous, bifunctional catalyst comprising a copper and zirconia, coated with palladium, with the result that it prevent the leaching of first and second metal catalyst in reaction medium, as well as a process for the preparation of this catalyst. The application of this catalyst is found to be more economic and selective in the reactions such as aldol condensation, Knoevenagel condensation, dehydration, esterification and hydrogenation, wherein the water can be used as a solvent which makes the overall reactions economic and environmental friendly.

No. of Pages: 25 No. of Claims: 5

(21) Application No.2512/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :05/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A PROCESS FOR THE PREPARATION OF PERAMPANEL

(51) International classification	:C07D213/22, A61K31/44	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CADILA HEALTHCARE LIMITED
(32) Priority Date	:NA	Address of Applicant :Zydus Tower, Satellite Cross Roads,
(33) Name of priority country	:NA	Ahmedabad 380 015, Gujarat, India Gujarat India
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)DESAI, Sanjay Jagdish
(87) International Publication No	: NA	2)PARIHAR, Jayprakash Ajitsingh
(61) Patent of Addition to Application	:NA	3)JAIN, Kuldeep Natwarlal
Number	:NA	4)PATIL, Sachin Ashokrao
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

ABSTRACT PROCESSES FOR THE PREPARATION OF PERAMPANEL • The present invention relates to processes for the preparation of perampanel and its intermediates.

No. of Pages: 22 No. of Claims: 14

(22) Date of filing of Application :05/08/2014

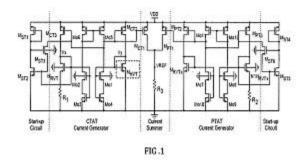
(43) Publication Date: 04/03/2016

# (54) Title of the invention : CURRENT-MODE CMOS VOLTAGE REFERENCE WITH LOW SENSITIVITY TO PROCESS, SUPPLY VOLTAGE AND TEMPERATURE VARIATIONS

(51) International classification	:H03K19/094	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
(32) Priority Date	:NA	Address of Applicant :INDIAN INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY BOMBAY, POWAI, MUMBAI - 400076,
(86) International Application No	:NA	INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)HANDE VINAYAK GOPAL
(61) Patent of Addition to Application Number	:NA	2)BAGHINI MARYAM SHOJAEI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The proposed invention presented a 4 ppm/°C voltage reference with minimum supply voltage of IV in standard 180nm mixed mode CMOS process. The voltage reference circuit uses high VTH and regular VTH transistors and produces reference level of 422mV.lt provides dispersion of ±3.4 mV across corners for temperature range -10-100°C.



No. of Pages: 26 No. of Claims: 22

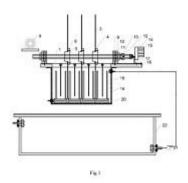
(22) Date of filing of Application :14/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: ELECTROLYTIC PROCESS FOR PREPARATION OF METAL CARBOXYLATE COMPLEXES

(51) International classification	:C08J3/24	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Infinium Precious Resources Ltd.
(32) Priority Date	:NA	Address of Applicant :2, Kirti Mandir Society 106, Lady
(33) Name of priority country	:NA	Jamshedji Road, Mahim, Mumbai 400016, Maharashtra, India
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Debabrata Mohanty
(61) Patent of Addition to Application Number	:NA	2)Sreelatha Kutty
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Electrolytic process for preparation of metal carboxylate complexes The invention relates to an electrolytic process for preparation of metal carboxylate complex comprising placing a semi-permeable membrane (18) between the electrodes in order to isolate the same. This membrane (18) prevents the migration of the metal ions from the anode to the cathode, thus increasing the metal ion concentration in the anolyte, leading to highly increased and faster formation of metal carboxylate complex.



No. of Pages: 16 No. of Claims: 8

(22) Date of filing of Application :18/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: An Apparatus For and A Method Of Turning Titanium Alloys

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:NA :NA :NA :PCT/// :01/01/1900 : NA :NA	(71)Name of Applicant:  1)Bharat Forge Limited    Address of Applicant: Bharat Forge Limited; Mundhwa, Pune Cantonment, Pune Maharashtra India (72)Name of Inventor:  1)Dr. Babasaheb Neelkanth Kalyani 2)Mr. Sandip Prakash Patil
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The present invention discloses high frequency vibration assisted turning apparatus and method for Ti alloy work pieces. The invention is also applicable to alloys that are hard to machine in general. It is a novel manufacturing technology, where high frequency vibrations are imposed on the conventional movement of the cutting tool. As an example frequency of 20 kHz and amplitude of  $20 \text{ }\mu\text{m}$  are provided to the cutting tool in the direction of feed given to tool holder. The method results in reduction of shear friction at the contact between the tool and the work piece, which in turn results in the reduction in shear band formation in this high frequency assisted turned chips. There are benefits which results in terms of improved chip mechanism and tool life. It is observed that the High Frequency Turning produces a better surface finish that the conventional methods.

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

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

(43) Publication Date: 04/03/2016

# (54) Title of the invention : USER GESTURE INPUT TO WEARABLE ELECTRONIC DEVICE INVOLVING OUTWARD-FACING SENSOR OF DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	G06F3/041 :61/728,765	Suwon-si, Gyeonggi-do 443-742, Republic of Korea Republic of Korea (72)Name of Inventor:  1)Pranav MISTRY 2)Sajid SADI 3)Lining YAO
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	4)John SNAVELY

#### (57) Abstract:

In one embodiment, a wearable apparatus includes a sensor, a processor coupled to the sensor, and a memory coupled to the processor that includes instructions executable by the processor. When executing the instructions, the processor detects by the sensor movement of at least a portion of an arm of a user; detects, based at least in part on the movement, a gesture made by the user; and processes the gesture as input to the wearable apparatus.

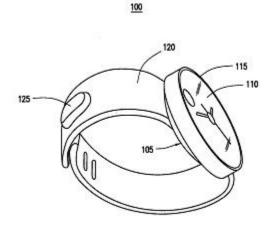


FIG. 1

No. of Pages: 236 No. of Claims: 15

(21) Application No.2609/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :13/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: Process for Preparation of n-Propyl Benzene

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:NA :NA :NA	(71)Name of Applicant:  1)Vinati Organics Limited Address of Applicant: Parinee-Crescenzo, 1102, 11th Floor, G-Block, Plot No. C-38 & C-39, Behind MCA, Bandra-Kurla
(86) International Application No	:PCT//	complex, Bandra (E). Mumbai Maharashtra India
Filing Date		(72)Name of Inventor :
(87) International Publication No	: NA	1)Dr. Prashant Purushottam Barve
(61) Patent of Addition to Application Number	:NA	2)Jayesh Ajitkumar Ashar
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Disclosed is a process for preparation of n-propyl benzene. The process gives high selectivity and yield of n-propyl benzene by single step catalytic alkylation that involves contacting a mixture of aromatic hydrocarbon having an active hydrogen on a saturated  $\hat{\mathbf{I}}\pm$ -carbon and an alkene such as ethylene in presence of a metal catalyst, a solid support and an initiator. Following the alkylation, an aqueous phase and an organic phase is separated from a reaction mixture. The aqueous phase is separated for recovery of the catalyst, the solid support and un-reacted toluene and the organic phase is separated for obtaining n-propyl benzene and byproduct. Thus, the catalyst phase is recovered and recycled in the next alkylation reaction. Also, the process facilitates recovery and recycling of the byproduct for the better selectivity.

No. of Pages: 29 No. of Claims: 7

(21) Application No.2610/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :13/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : APPARATUS AND METHOD FOR WELDING METAL COMPONENTS OF A HEATER ASSEMBLY

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (10) Patent of Addition Number Filing Date (11) Patent of Addition Number Filing Date (12) Divisional to Application Number Filing Date (13) Priority Date (14) Patent of Number Filing Date (15) Patent of Number Filing Date (16) Patent of Application Number Filing Date (17) Patent of Number Filing Date (18) Patent of Number Filing Date (18) Patent of Number Filing Date (18) Patent of Number Filing Date	1 (71)Name of Applicant: 1)LARSEN & TURBO LIMITED Address of Applicant: L & T House, Ballard Estate, P.O. Box No.278, Mumbai-400001, Maharashtra, India. Maharashtra India (72)Name of Inventor: 1)HATNOLKAR, Uday Balkrishna 2)TEKALE, Santosh H 3)BHOSALE, Pravin S
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#### (57) Abstract:

The present disclosure relates to a method and apparatus for manufacturing a heater assembly of an electric device comprising a plurality of heater strips, and a conductive terminal part operatively coupled with the plurality of heater strips, wherein the terminal part is embossed with a projection at which the plurality of heater strips couple/join with the terminal part, providing better joint characteristics without any overheating of machine parts/electrodes.

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

(22) Date of filing of Application :14/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: AN APPARATUS, METHOD AND SYSTEM TO CONTROL OPERATION OF A WATER HEATER

(51) International classification	:H05B3/78	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BHATNAGAR , Shanky
(32) Priority Date	:NA	Address of Applicant :E-503, Grevillia Society, Magarpatta
(33) Name of priority country	:NA	City, Hadapsar, Pune -411028, Maharashtra, India Maharashtra
(86) International Application No	:PCT//	India
Filing Date	:01/01/1900	2)G. N. L., RAVI TEJA
(87) International Publication No	: NA	3)SINGH , Rajesh
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BHATNAGAR, Shanky
(62) Divisional to Application Number	:NA	2)G. N. L., RAVI TEJA
Filing Date	:NA	3)SINGH, Rajesh

#### (57) Abstract:

An apparatus, method and system to control operation of a water heater are disclosed. The method comprises controlling physical parameters like level and temperature of water of the water heater by end-consumer through a wireless communication device wirelessly integrated with the water heater. The method further comprises selective triggering of heating elements of plurality of heating elements of the water heater based on the level of water. Hence the apparatus provides facility of selective triggering of the heating elements to heat a volume of the water selected up to the level selected by the end-consumer results into saving of electricity usage of the water heater. The method further enables the end-consumer to select the physical parameters well before actual start of the water heater.

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

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

(19) INDIA

(22) Date of filing of Application :14/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: TOILET MECHANISM FOR WHEELCHAIRS

(51) International classification	:A61G5/04	(71)Name of Applicant:
(31) Priority Document No	:NA	1)GANESH SONAWANE
(32) Priority Date	:NA	Address of Applicant :E-3/601, ROYAL PARK, NAVARE
(33) Name of priority country	:NA	NAGAR, AMBERNATH, THANE DIST-421501,
(86) International Application No	:NA	MAHARASHTRA, INDIA Maharashtra India
Filing Date	:NA	2)KUNAL KAMBLE
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)GANESH SONAWANE
Filing Date	:NA	2)KUNAL KAMBLE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A toilet mechanism for wheelchair includes a cut-out defined in a seat of the wheel chair that is movable from a first seating position to a second toilet position by a lever. The cut-out is pivotedly coupled with a hollow shaft on a front end of the wheel chair. The cut-out is Iockable in the first position. A C-link positioned on a frame of the wheel chair is angularly rotatable between the first position and second position of the cut-out guides the cutout. A roller positioned on the C-link guides the cut-out from the first position to the second position and vice versa. A plurality of stoppers defined on the frame of the wheel chair for constraining the motion of the C-link.

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

(21) Application No.581/MUM/2014 A

(19) INDIA

(22) Date of filing of Application: 19/02/2014 (43) Publication Date: 04/03/2016

# (54) Title of the invention: STABLE LIPOSOMAL FORMULATIONS FOR OCULAR DRUG DELIVERY

Filing Date :NA 3)Tina, Howden  (62) Divisional to Application Number :NA 4)Freddy Roey	<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:A61K31/5575 :14/149,159 :07/01/2014 :U.S.A. :NA :NA :NA	<ul> <li>(71)Name of Applicant:</li> <li>1)Nanyang Technological University     Address of Applicant: 50 Nanyang Avenue, Singapore 639798</li> <li>Singapore</li> <li>2)Singapore Health Services Pte Ltd.</li> <li>(72)Name of Inventor:</li> <li>1)Subramanian, Venkatraman</li> <li>2)Jayaganesh, V. Natarajan</li> </ul>
Filing Date :NA	Filing Date (62) Divisional to Application Number	:NA :NA	1 , • • •

# (57) Abstract:

A stable liposomal formulation for ocular delivery. The formulation contains a liposome that includes at least one lipid bilayer containing a phosphatidylcholine, and a prostaglandin  $F2\alpha$  encapsulated in the liposome. Also provided is a method for treating an ocular disorder with the formulation.

No. of Pages: 14 No. of Claims: 17

(22) Date of filing of Application :10/02/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : NOVEL NANOCOMPOSITES OF $\gamma$ -MNO2 SUPPORTED ON GRAPHENE OXIDE USED AS A CATALYST

	:B01J	(71)Name of Applicant:
(51) International classification	23/889,	1)NEMADE; PARAG RAMESH
(31) International classification	C01B	Address of Applicant :DEPARTMENT OF CHEMICAL
	31/00	ENGINEERING AND DEPARTMENT OF OILS,
(31) Priority Document No	:NA	OLEOCHEMICALS, AND SURFACTANTS TECHNOLOGY,
(32) Priority Date	:NA	INSTITUTE OF CHEMICAL TECHNOLOGY (DEEMED
(33) Name of priority country	:NA	UNIVERSITY), NATHALAL PAREKH MARG, MANTUNGA
(86) International Application No	:NA	(EAST), MUMBAI 400019, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)NEMADE; PARAG RAMESH
(61) Patent of Addition to Application Number	:NA	2)GAIKAR, VILAS GAJANAN
Filing Date	:NA	3)JHA, NEETU
(62) Divisional to Application Number	:NA	4)DHOPTE; KIRAN BABA SAHEB
Filing Date	:NA	5)KADAM, MAHESH MARUTI

# (57) Abstract:

The present invention relates to a nanocomposites of MnO2 supported on graphene oxide exhibit high catalytic activity at low temperatures for selective oxidation of benzyl alcohols to carbonyl compounds without formation of any over-oxidation products. The present invention describes the use of heterogeneous catalyst which is easily separable, recyclable and reusable in benzyl alcohol oxidation process at lower temperatures.

No. of Pages: 25 No. of Claims: 16

(21) Application No.584/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :19/08/2014 (43) Publication Date : 04/03/2016

(54) Title of the invention: Water-soluble Bisdemethoxycurcumin analogues and method to prepare the same

(51) International classification	:A01N65/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Institute of Bioinformatics and Biotechnology
(32) Priority Date	:NA	Address of Applicant :c/O University of Pune, Ganeshkhind
(33) Name of priority country	:NA	Road, Pune 411007, Maharashtra, India Maharashtra India
(86) International Application No	:PCT// /	(72)Name of Inventor:
Filing Date	:01/01/1900	1)Ameeta Ravi Kumar
(87) International Publication No	: NA	2)Sudha Ponnusamy
(61) Patent of Addition to Application Number	:NA	3)Smita Sachin Zinjarde
Filing Date	:NA	4)Ayesha Alim Khan
(62) Divisional to Application Number	:NA	5)Shobha Yash Bhargava
Filing Date	:NA	

# (57) Abstract:

Disclosed herein is a method of preparing water-soluble analogues of Bisdemethoxycurcumin characterized in yet retaining its HPA-inhibitory activity required for management of blood sugar level in mammals.

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

(22) Date of filing of Application :07/08/2014

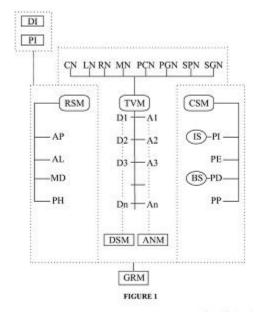
(43) Publication Date: 04/03/2016

# (54) Title of the invention : A ONE SCREEN MULTI-FOLD GESTURE BASED, INTERACTIVE TIME-LINE VIEW BASED, RELATIONSHIP MANAGEMENT SYSTEM AND METHOD

(51) International classification (31) Priority Document No	:H04L29/08 :NA	(71)Name of Applicant: 1)ABHIJIT MANOHAR GUPTA
(32) Priority Date	:NA	Address of Applicant :202, BALAKRISHNA HERITAGE
(33) Name of priority country	:NA	APT, LANE NO.11, BHANDARKAR ROAD, PUNE - 411004,
(86) International Application No	:NA	MAHARASHTRA, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ABHIJIT MANOHAR GUPTA
(61) Patent of Addition to Application Number	:NA	2)MOHAN RAO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

An interactive timeline-view based, relationship management system configured to allow viewing of doctor patient interactions in a variety of ways, said system comprising: a doctor identification mechanism configured to identify at least a patient identification mechanism configured to identify at least a patient node; an identifier node; at least a timeline view mechanism enabled by a relationship establishment mechanism configured to identify a doctor node, a patient node, and an identifier node in relation to which at least a relationship for a doctor patient interaction / visit is established using said at least an identifier, said established relationship being viewed in a timeline view; and a plurality of filer mechanisms so that selection of a node displays corresponding doctor patient interaction / visit data only in correlation with said selected node, said established relationship being viewed in a filtered timeline view.



No. of Pages: 58 No. of Claims: 37

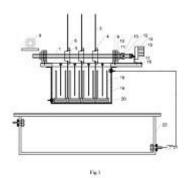
(22) Date of filing of Application :18/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : PROCESS FOR THE PREPARATION OF CINACALCET AND ITS PHARMACETICALLY ACCEPTABLE SALTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	·   X   A	(71)Name of Applicant:  1)MEHTA API PVT. LTD.  Address of Applicant:203, CENTRE POINT, 2ND FLOOR, NEAR HOTEL KOHINOOR, J.B. NAGAR, ANDHERI-KURLA ROAD, ANDHERI (EAST), MUMBAI - 400059, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor:  1)KHAN; RAO UWAIS AHMAD 2)PATHAK; RAJESH HARSHNATH 3)PATIL; CHETAN VINESH 4)GAIKWAD; SANJAY RAMRAO 5)APAR; SHRIKRISHNA MOTIRAM 6)LINGE; GOVIND UDHAVRAO 7)SHAIKH; MOHAMMAD UMAR
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# (57) Abstract:

The present invention relates to an efficient process for the preparation of Cinacalcet of formula (II) and its pharmaceutically acceptable salts thereof of formula (I), in particular Cinacalcet Hydrochloride of formula (la) in higher yields and purity.



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

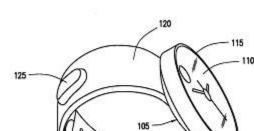
(22) Date of filing of Application :20/11/2013

(43) Publication Date: 04/03/2016

# (54) Title of the invention: PLACEMENT OF OPTICAL SENSOR ON WEARBLE ELECTRONIC DEVICE

#### (57) Abstract:

In one embodiment, a wearable device includes a body that includes a touch-sensitive display. The wearable device includes a band coupled to the body and an optical sensor placed on or in the band so that an image of an object displayed on the touch-sensitive display is viewable while the object is also viewable without the wearable device blocking a view of the object.



100

FIG. 1

No. of Pages: 236 No. of Claims: 15

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

(43) Publication Date: 04/03/2016

# (54) Title of the invention: CONTROLLING REMOTE ELECTRONIC DEVICE WITH WEARABLE ELECTRONIC DEVICE

(31) Priority Document No G06F 3/00 (31) Priority Document No :61/728,7'	
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#### (57) Abstract:

In one embodiment, an apparatus includes a wearable computing device that includes one or more processors and a memory. The memory is coupled to the processors and includes instructions executable by the processors. When executing the instructions, the processors determine whether an application is running on the wearable computing device. The application controls one or more functions of a remote computing device. The processors determine to delegate a task associated with the application; delegate the task to be processed by a local computing device; and receive from the local computing device results from processing the delegated task.

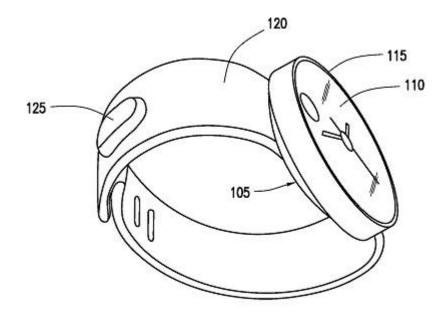


FIG. 1

No. of Pages: 237 No. of Claims: 15

(21) Application No.2650/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :19/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: FIRE RESISTANT SYSTEM FOR A BUILDING

(51) Intermedianal algorification	.E04D1/04	(71) Name of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)DHANESH KHALOTIA
(32) Priority Date	:NA	Address of Applicant :D-1, HIG, BDA COLONY, AIRPORT
(33) Name of priority country	:NA	ROAD, BHOPAL - 462001, MADHYA PRADESH, INDIA
(86) International Application No	:NA	Madhya Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DHANESH KHALOTIA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A fire resistant system for buildings to control fire breakout comprises of sensor based mechanism of controlling fire in the building. In the said fire resistant system, network of pipes is installed at the ceiling. Each room has pipe opening and corresponding sensor controlling its movement. At the opening of pipes, opening valves are present and controls the release of carbon dioxide upon receiving signals from sensor.

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

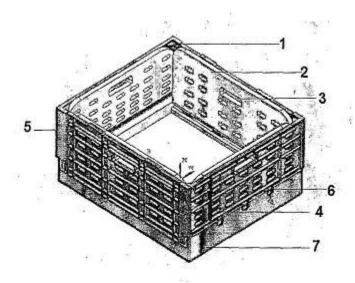
(22) Date of filing of Application :08/08/2014 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: FOLDABLE CRATES

(51) International classification	·R65D7/26	(71)Name of Applicant:
(31) Priority Document No	:NA	1)RSG INSTITUTE OF RESEARCH & DEVELOPMENT
(32) Priority Date	:NA	PVT. LTD.
(33) Name of priority country	:NA	Address of Applicant :OFFICE NO. 3 & 4, SANGAM
(86) International Application No	:NA	PROJECT I, 46 DR. AMBEDKAR ROAD, PUNE 411001,
Filing Date	:NA	MAHARASHTRA, INDIA. Maharashtra India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR. KALYAN SUNDARAM
Filing Date	:NA	2)MR. KAMAL GHOSH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention provides foldable crates useful for packing and transportation of agricultural products such as but not limited to vegetables, dairy products, food, sea food, meat and poultry. These are foldable and have a protective layer inside such as foam. The foldability of the crates is useful \n reducing the space and consequently the transport expenditure thereby giving distinct economical advantage over the conventional crates, e foldable crates wherein photo sensitive material is used for coating to indicate that the crates are overloaded. The crates are impregnated or coated with piezo sensitive colour which indicates the overloading of the crates by change in colour.



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

(22) Date of filing of Application :24/06/2014

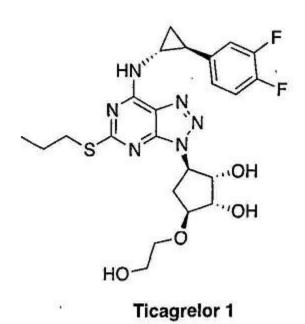
(43) Publication Date: 04/03/2016

# (54) Title of the invention : NOVEL PHARMACEUTICAL SOLID FORMS OF TICAGRELOR WITH SALTS OF ASPIRIN AS CO-CRYSTALS/ADDUCT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:A61K31/519, C07D487/04 :NA :NA :NA :NA	1)ANLON CHEMICAL RESEARCH ORGANIZATION Address of Applicant :101/102-SILVER COIN COMPLEX, OPP. CRYSTAL MALL, KALAWAD ROAD, RAJKOT - 360005, (GUJARAT), INDIA Gujarat India (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application	: NA :NA :NA	(72)Name of Inventor: 1)RASADIA PUNITKUMAR RAMESHBHAI 2)RAMANI VAIBHAV NARENDRAKUMAR 3)PANDEY BIPIN
Number Filing Date	:NA :NA	

#### (57) Abstract:

The present invention relates to a novel synergistically active pharmaceutical compound (The Compound 1), such as a supramoleuclar complex or an adduct or a co-crystal, comprising Ticagrelor with salts of aspirin (acetyl salicylic acid). It also reports another novel pharmaceutical compound (The compound 2), such as a supramoleuclar complex or an adduct or a co-crystal comprising Ticagrelor and aspirin, which is free from methylene chloride. Both novel pharmaceutical compounds have distinct physico-chemical properties e.g. melting point, IR, powder XRD, DSC and TGA, which are different from the physico-chemical properties of its constituents. The present invention describes processes for the preparation of both novel pharmaceutical compounds (The Compound 1 and The Compound 2), their characterization, their use in pharmaceutical composition and finally their use in manufacture of medicament for use in prevention and/or treatment of arterial thrombotic complications in patients with coronary artery, cerebrovascular peripheral vascular disease and to methods of treating such disease in the human or animal body, by administering a therapeutically effective dose.



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

(22) Date of filing of Application :05/08/2014

(43) Publication Date: 04/03/2016

# (54) Title of the invention : PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF OSTEOARTHRITIS AND METHOD OF DELIVERY THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A61K31/713, :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)MP COUNCIL OF SCIENCE AND TECHNOLOGY Address of Applicant: MP COUNCIL OF SCIENCE AND TECHNOLOGY, VIGYAN BHAWAN, NEHRU NAGAR- BHOPAL-462003, MP, INDIA Madhya Pradesh India 2)TRUBA INSTITUTE OF PHARMACY (72)Name of Inventor: 1)HARINARAYAN SINGH CHANDEL 2)PIUSH KHARE 3)SHARAD PRAKASH PANDEY 4)HEMANT NAGAR 5)NIHARIKA THAKUR
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# (57) Abstract:

A pharmaceutical composition to treat osteoarthritis is provided. The pharmaceutical composition is in the form of micro-emulsion, including at one or more of an active ingredients. The active ingredient includes one or more of herbs mixed with an aqueous phase along with one or more of a surfactant and one or more of a cosurfactant. The micrbemulsion is loaded in aloe vera based hydrogel making it suitable for transdermal delivery of active ingredients.

No. of Pages: 24 No. of Claims: 7

(22) Date of filing of Application :14/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : A PROCESS FOR REDUCTION OF COKE YIELD IN THERMAL CRACKING AND ADVANTAGES THEREOF

		(71)Name of Applicant:
		1)RELIANCE INDUSTRIES LIMITED
		Address of Applicant :3rd Floor, Maker Chamber-IV, 222,
		Nariman Point, Mumbai 400 021, Maharashtra, India
		Maharashtra India
		(72)Name of Inventor:
(51) International classification	:C10B57/06	1)BISHT HARENDER
(31) Priority Document No	:NA	2)GUPTA AJAY
(32) Priority Date	:NA	3)GUPTA AMIT
(33) Name of priority country	:NA	4)JAIN ANKIT
(86) International Application No	:PCT//	5)VISWANADHA ARUNKUMAR VENKATA
Filing Date	:01/01/1900	6)DAS ASIT KUMAR
(87) International Publication No	: NA	7)DARJI DILIPKUMAR ASHOKBHAI
(61) Patent of Addition to Application Number	:NA	8)BALACHANDRAN KOVILAKATHU
Filing Date	:NA	9)RAVAL KRUNAL NATVARLAL
(62) Divisional to Application Number	:NA	10)MALVANKER MANTHAN
Filing Date	:NA	11)SORATHIYA MITUL
		12)PATIL RAHUL
		13)PUNEKAR SACHIN
		14)PACHARU SREENIVASA RAO
		15)MANDAL SUKUMAR
		16)SAINI SURINDER SINGH
		17)SANGHANI VIPUL

#### (57) Abstract:

A PROCESS FOR REDUCTION OF COKE FORMATION DURING HYDROCARBON PRODUCTION • ABSTRACT The present disclosure relates to refinery process including but not limited to cracking process and coking process, which is employed for production of hydrocarbons, under a condition including but not limited to adiabatic condition and pseudo adiabatic condition. Particularly, the disclosure relates to the additive comprising a catalyst and a carrier and uses thereof, wherein the additive leads to reduction of coke formation in a process for production of hydrocarbons.

No. of Pages: 38 No. of Claims: 18

(22) Date of filing of Application :07/08/2014

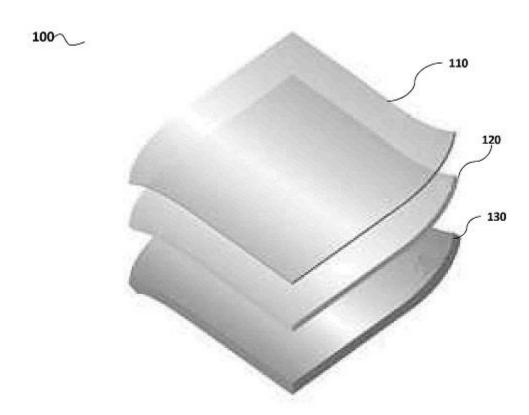
(43) Publication Date: 04/03/2016

# (54) Title of the invention : INNOVATION OF PAPER BASED IN MOULD LABEL USED IN MOULDING PROCESS OF PLASTIC COMPONENTS.

(51) International classification	:C08L3/14	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MR. KIRAN M. SHAH
(32) Priority Date	:NA	Address of Applicant :802/803, PARK SIDE-2, RAHEJA
(33) Name of priority country	:NA	ESTATE, KULUPWADI, LANDMARK NEAR NATIONAL
(86) International Application No	:NA	PARK, BORIVALI EAST, MUMBAI-400 066,
Filing Date	:NA	MAHAARASHTRA, INDIA. Maharashtra India
(87) International Publication No	: NA	2)MRS. PIYALI SARKAR BHOWMIK
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MR. KIRAN M. SHAH
(62) Divisional to Application Number	:NA	2)MRS. PIYALI SARKAR BHOWMIK
Filing Date	:NA	

#### (57) Abstract:

In accordance with an aspect of the present invention, a paper in-mold label is provided. The invention includes a paper with one surface printed by a required design and another surface coated with an in-mold adhesive coating so as to achieve anti-curling properties on the paper. The invention then includes shaping of the paper with a desired shape to form a label. In an embodiment the in-mold adhesive coating is selected on a basis of required molding process so as to fuse or bond the paper with a formed object in the molding process.



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

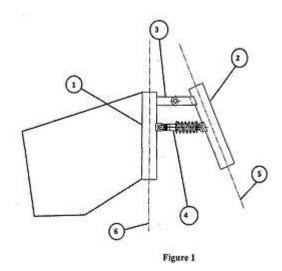
(22) Date of filing of Application :19/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: VARIABLE RAKE MECHANISM FOR TWO WHEELER VEHICLE.

(51) International classification	:B62K25/24	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PRANAV ANIL SHINDE
(32) Priority Date	:NA	Address of Applicant :27/1/2 ROW HOUSE NO.20,
(33) Name of priority country	:NA	INDRAPRASTHA SOC., KATRAJ-KONDHWA ROAD,
(86) International Application No	:NA	KATRAJ, PUNE-411 046, MAHARASHTRA, INDIA.
Filing Date	:NA	Maharashtra India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)PRANAV ANIL SHINDE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention relates to variable rake mechanism for two wheeler vehicles to cause change in rake angle or castor angle of the motorcycle so as to provide comfort to rider in case of bumps and to provide stability to vehicle at both high and low speeds. The vehicle comprises a spring and damper mechanism arranged between fork and chassis horizontally to effectively damp the vibrations and shocks in addition to front telescopic suspension coming from the front wheel. Invention has an objective is to impart end user with sensitive and more effective suspension response from the two wheeler using variable rake mechanism as mentioned in this invention.



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

(22) Date of filing of Application :08/08/2014 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: A Mechanism for Unlocking Seat Tracks

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:B60N2/12 :NA :NA :NA :PCT//	(71)Name of Applicant:  1)Faurecia Interior Systems India Private Limited Address of Applicant: Plot No.T-187, Pimpri Industrial Area (B.G. Block), Behind Bhosari Police Station, Bhosari, Pune, MH IN Maharashtra India
Filing Date	:01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	1)DANANE Amit
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

According to the present invention there is provided a mechanism for unlocking seat tracks. The mechanism having a carrier, a shaft, a first nut, a second nut, third nuts and two push pins. The carrier is secured on upper tracks of the seat. The shaft is rotatably disposed over the carrier. Further, the shaft having compound lead screw configured on central portion and end portion having threading with opposite orientation configured thereon. The first nut is disposed on the central portion of the shaft. The second nut and the thirds nut disposed on the threaded end portions of the shaft. The two push pins, each of the push pin disposed on the carrier over locking plates of the respective seat tracks. Therefore, upon sliding the first nut, the shaft rotates thereby sliding the second and third nuts away from each other, the second and third nuts slides over the respective push pins thereby pressing the locking plates of the respective seat tracks for unlocking the seat tracks.

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

(22) Date of filing of Application :08/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A PORTABLE CONVEYOR SPEED SENSING SYSTEM.

(51) International classification	:B65G41/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JSW STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :Dolvi Works, Geetapuram, Dolvi,
(33) Name of priority country	:NA	Taluka Pen, Dist. Raigad, Maharashtra, PIN 402107, India;
(86) International Application No	:PCT// /	Having the Registered Office at JSW CENTRE, BANDRA
Filing Date	:01/01/1900	KURLA COMPLEX, BANDRA(EAST), MUMBAI-400051,
(87) International Publication No	: NA	STATE OF MAHARASHTRA,INDIA Maharashtra India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHEKHAR SALIL
(62) Divisional to Application Number	:NA	2)KAVALE, Mahesh Madhukar
Filing Date	:NA	

#### (57) Abstract:

ABSTRACT TITLE: A PORTABLE CONVEYOR SPEED SENSING SYSTEM. The present invention is directed to provide a portable conveyor speed sensing system for detecting conveyor belt speed to avoid speed related damages, wherein proximity sensor assembly along with sensing striker is placed in an enclosure so that the sensor is not affected by external condition of mounting location e.g. material deposition/spillage etc and also not get disturbed by pulley shifting. The enclosure arrangement can be installed anywhere on the conveyor away from the head pulley and the discharge chute and preferably at the return side of the conveyor which is close to one of the return idler but far from discharge chute so that said rotatable striker operatively connected to a shaft end inside said enclosure and the other end of the shaft outside the housing connected to a rotating wheel assembly which rotates on contact with the moving conveyor so as to reliably sense the speed of conveyor avoiding any speed related damages. (Figure 2)

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

(22) Date of filing of Application :11/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF AZILSARTAN MEDOXOMIL OR PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF

(51) International classification (31) Priority Document No	:C07D413/14, C07D413/10 :NA	1)UNICHEM LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :UNICHEM BHAVAN, PRABHAT
(33) Name of priority country	:NA	ESTATE, OFF S. V. ROAD, JOGESHWARI (W), MUMBAI -
(86) International Application No	:NA	400 102, MAHARASHTRA, INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. DNYANESHWAR V. GAWAS
(61) Patent of Addition to Application	:NA	2)DR. SHASHIKANT D. METKAR
Number	:NA	3)MR. RAJKUMAR D. PATIL
Filing Date		4)MR. VISHAL S. MAWALE
(62) Divisional to Application Number		5)DR. DHANANJAY G. SATHE
Filing Date	:NA	

#### (57) Abstract:

The present invention relates to an improved process for the preparation of Azilsartan medoxomil (1) or pharmaceutically acceptable salts with high purity and good yield on commercial scale.

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

(21) Application No.5446/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :15/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: UPLINK COORDINATED MULTI POINT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Potent of Addition to Application</li> </ul>	:H04B7/02 :61/591641 :27/01/2012 :U.S.A. :PCT/US2013/022935 :24/01/2013 :WO 2013/112711	(71)Name of Applicant:  1)INTEL CORPORATION  Address of Applicant: 2200 Mission College Boulevard Santa Clara California 95052 U.S.A.  (72)Name of Inventor:  1)CHATTERJEE Debdeep  2)ETEMAD Kamran
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application</li><li>Number</li><li>Filing Date</li></ul>	:WO 2013/112711 :NA :NA	2)ETEMAD Kamran 3)YANG Rongzhen 4)FWU Jong Kae 5)PAPATHANASSIOU Apostolos
(62) Divisional to Application Number Filing Date	:NA :NA	• • • • • • • • • • • • • • • • • • • •

#### (57) Abstract:

Disclosed embodiments may include an apparatus having one or more processors coupled to one or more computer readable storage media. The one or more processors may be configured to transmit and/or receive channel state information reference signal (CSI RS) resource configuration information demodulation reference signals (DM RS) uplink sounding reference signals (SRS) and power control parameters to support uplink coordinated multi point (CoMP) operations. Other embodiments may be disclosed.

No. of Pages: 30 No. of Claims: 25

(21) Application No.5447/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :15/07/2014 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: DEVICE FOR VIEWING AN IMAGE ON A LAMINATED SUBSTRATE

(51) International classification: B32B17/10,C03C27/12,G02B6/00 (71) Name of Applicant:

:WO 2013/093351

:1162312 (31) Priority Document No (32) Priority Date :22/12/2011

(33) Name of priority country: France

(86) International Application :PCT/FR2012/053009

Filing Date

:20/12/2012

(87) International Publication

(61) Patent of Addition to :NA

**Application Number** :NA Filing Date

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

1)SAINT GOBAIN GLASS FRANCE

Address of Applicant :18 Avenue dAlsace F 92400

Courbevoie France (72) Name of Inventor:

1)LALUET Jean Yves

2)LECAMP Guillaume

# (57) Abstract:

The invention relates to a glazing unit for a viewing device (1) said glazing unit including an assembly comprising at least: a first outer transparent sheet (4) and a second inner transparent sheet (6) each comprising an outer face and an inner face said glass sheets being interconnected by a spacer (2) made from a thermoformable material or by a multilayer sheet incorporating such a spacer; a protection layer (5) made from an opaque material in contact with the inner face of the first outer sheet; a masking layer (7) made from an opaque material in contact with the inner face of the second inner sheet said masking layer comprising openings (8) forming pictograms (11); and a uniform layer of a material doped with luminescent species chosen to absorb light radiation produced by the source (3a 3b) of radiation in the UV or IR range and to re emit light radiation in the visible range said uniform layer being disposed in the glazing unit between the masking layer (7) and the protection layer (5).

No. of Pages: 19 No. of Claims: 16

(21) Application No.5448/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :15/07/2014 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: E SELECTIN ANTAGONIST COMPOUNDS COMPOSITIONS AND METHODS OF USE

(51) International :C07H15/207,A61K31/7034,A61P35/00 classification

(31) Priority Document

:61/579646

(32) Priority Date :22/12/2011 (33) Name of priority

country

:U.S.A.

(86) International Application No

:PCT/US2012/071519

Filing Date

:21/12/2012

(87) International Publication No

:WO 2013/096926

(61) Patent of Addition to :NA

:NA

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

:NA :NA

**Application Number** Filing Date

(71)Name of Applicant: 1)GLYCOMIMETICS INC.

Address of Applicant: 401 Professional Drive Suite 250

Gaithersburg Maryland 20879 U.S.A.

(72) Name of Inventor:

1)MAGNANI John L.

2)SARKAR Arun K.

3)BAEK Myung Gi

4) ANDERSON Frank E. III

5)LI Yanhong

#### (57) Abstract:

Methods and compositions using E selectin antagonists are provided for the treatment and prevention of diseases and disorders treatable by inhibiting binding of E selectin to an E selectin ligand. Described herein are E selectin antagonists including for example glycomimetic compounds antibodies aptamers and peptides that are useful in methods for treatment of cancers and treatment and prevention of metastasis inhibiting infiltration of the cancer cells into bone marrow reducing or inhibiting adhesion of the cancer cells to endothelial cells including cells in bone marrow and inhibiting thrombus formation. These E selection antagonists have the general formula (Ia) below.

No. of Pages: 89 No. of Claims: 52

(21) Application No.5449/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :15/07/2014 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: COVER STRUCTURE OF VEHICLE BODY OUTER PANEL COUPLING PART

(51) International :B62D25/04,B60R13/04,B62D25/06 classification

:NA

(31) Priority Document No :2011279935 (32) Priority Date :21/12/2011

(33) Name of priority country: Japan

(86) International Application: PCT/JP2012/077571

:25/10/2012 Filing Date

(87) International Publication :WO 2013/094304

No

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

Filing Date (62) Divisional to :NA Application Number

Filing Date

(71)Name of Applicant:

1)HONDA MOTOR CO. LTD.

Address of Applicant: 1 1 Minami Aoyama 2 chome Minato

ku Tokyo 1078556 Japan (72) Name of Inventor: 1)WATANABE Yasunori

(57) Abstract:

A cover member (14) of a vehicle body outer panel coupling part (13) covers a step portion (36) with a height difference that is just the thickness of a sheet thickness (tr) by overlaying a roof side rail outer panel (33) which has a surface (33b) that continues to a surface (31b) of a vehicle body (12) on a center pillar outer panel (31) which has the surface (31b). The cover member (14) comprises: a cover body (47) that is attached to a coupling recess (43) and is obtained by mixing a magnetic powder (46) with a thermoplastic resin (45); and an adhesive film layer (51) that is applied to an attachment surface (48) that forms an inner surface facing the center pillar outer panel (31) and the roof side rail outer panel (33) of the cover body (47).

No. of Pages: 32 No. of Claims: 6

(22) Date of filing of Application :15/07/2014 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: SMELTING CYCLONE AND APPARATUS PROVIDED WITH SUCH A SMELTING CYCLONE

(51) International classification: C21B13/00, C21B13/14, C21C5/56 (71) Name of Applicant:

:11009940.5 (31) Priority Document No (32) Priority Date :19/12/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/005258

:19/12/2012 Filing Date

(87) International Publication :WO 2013/091847

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

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

# 1)TATA STEEL NEDERLAND TECHNOLOGY BV

Address of Applicant : Tata Steel Group Intellectual Property Services P.O. Box 10000 3H.18 NL 1970 CA IJmuiden

Netherlands

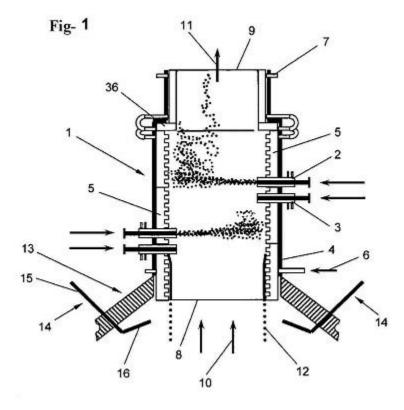
(72)Name of Inventor:

1)MEIJER Hendrikus Koenraad Albertus

2) ZEILSTRA Christiaan

#### (57) Abstract:

The invention relates to a smelting cyclone for the production of pre reduced molten iron oxides wherein the smelting cyclone is provided with a first and second opening the first opening serving as an inlet for reducing process gas and as an outlet for molten pre reduced iron oxides and the second opening serving as an outlet for process gas with supply means to supply iron ore into the smelting cyclone and with supply means to supply oxygen into the smelting cyclone wherein additional heating means are provided to prevent solidification of molten iron oxides at the outlet of the smelting cyclone.



No. of Pages: 18 No. of Claims: 15

(22) Date of filing of Application :15/07/2014 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: ENHANCED SLOW ASSOCIATED CONTROL CHANNEL (ESACCH)

(51) International classification :H04L1/00,H04L1/20,H04W36/00 (71)Name of Applicant :

(31) Priority Document No :61/602362 (32) Priority Date :23/02/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/026470

:15/02/2013 Filing Date

(87) International Publication :WO 2013/126291

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

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

1)QUALCOMM INCORPORATED

Address of Applicant : Attn: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.

(72)Name of Inventor:

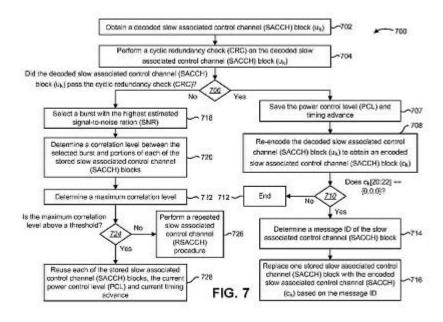
1)SIKRI Divaydeep 2) RAFIQUE Hassan

3)ALTAN Cetin 4) DHANDA Mungal Singh

5)YU Zhi Zhong

#### (57) Abstract:

A method for wireless communication is described. A slow associated control channel block is received. It is determined that the slow associated control channel block fails an integrity check. A correlation level between the slow associated control channel block and one or more stored slow associated control channel blocks is determined. The stored slow associated control channel blocks are set based on a maximum correlation level. Other aspects embodiments and features are also claimed and described.



No. of Pages: 63 No. of Claims: 35

(21) Application No.5454/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :15/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : METHOD AND SYSTEM FOR REGULATING FREQUENT CELL RESELECTIONS BY IDLE MODE MOBILE DEVICES

(51) International :H04W48/08,H04W60/00,H04W84/04

classification (21) Priority Possess No. (21/602141

(31) Priority Document No :61/603141 (32) Priority Date :24/02/2012 (33) Name of priority

country :U.S.A.

(86) International Application No :PCT/US2013/027516

Filing Date :22/02/2013

(87) International Publication No :WO 2013/126844

(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) OUAL COMM INCORPORATED

Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.

(72)Name of Inventor: 1)SINGH Damanjit

2)TINNAKORNSRISUPHAP Peerapol

3)YAVUZ Mehmet

4) CHEVALLIER Christophe

# (57) Abstract:

Disclosed are systems and methods for regulating system reselections by idle mode mobile devices. In one aspect a femtocell may be configured to reduce frequency of its reselection beacon which reduces probability that a fast moving mobile device will detect the reselection beacon and reselect to that femtocell. This aspect may also delay femtocell reselection for slow moving mobile devices. In another aspect a macrocell may slow down system reselection by adjusting cell reselection parameters used by mobile devices to determine the time needed to evaluate cell reselection criteria. Yet in another aspect a macrocell may instruct a collocated femtocell to decrease its effective coverage area to avoid premature reselection by fast moving mobile devices. Yet in another aspect a femtocell may use power boosting techniques to increase its reselection radius.

No. of Pages: 43 No. of Claims: 32

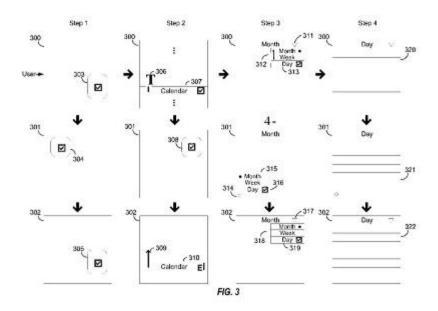
(22) Date of filing of Application: 15/07/2014 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: MIRRORED INTERFACE NAVIGATION OF MULTIPLE USER INTERFACES

:H04M1/725,G06F9/44 (71)Name of Applicant : (51) International classification 1)QUALCOMM INCORPORATED (31) Priority Document No :13/400873 (32) Priority Date :21/02/2012 Address of Applicant :Attn: International IP Administration (33) Name of priority country 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. :U.S.A. (86) International Application No :PCT/US2013/026460 (72) Name of Inventor: Filing Date :15/02/2013 1)IWASAKI Jill S. (87) International Publication No :WO 2013/126289 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

Mirrored interface navigation is disclosed between two or more mobile devices with similar capabilities. When a connection is established between the mobile devices interface navigation actions detected on a first of the connected devices are transmitted to the other devices. The other devices receive and execute those interface navigation actions to perform parallel interface navigation with the first mobile device. For example two smart phones are connected for shared interface navigation interface navigation actions performed on the first smart phone are translated to the second smart phone to perform mirrored parallel interface navigation. The mirrored parallel interface navigation may occur regardless of device type or specific application such that interface navigation son an Apple Inc. IPHONE® may result in parallel interface navigation on a Google ANDROID® based phone to similar application types.



No. of Pages: 32 No. of Claims: 24

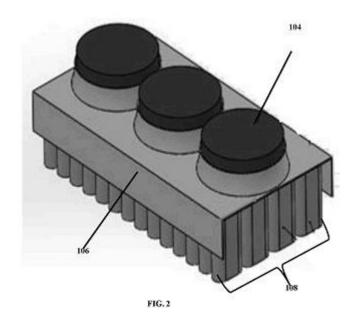
(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : THERMAL CONDUCTIVE ENCLOSURE FOR DISSIPTING HEAT GENERATED BY PLURALITY OF CELLS •

(51) International classification	:h05k	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Ather Energy Pvt. Ltd
(32) Priority Date	:NA	Address of Applicant :1st Floor, IIT Madras research park,
(33) Name of priority country	:NA	Tharamani, Chennai Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Swapnil Babanlal Jain
(87) International Publication No	: NA	2)Arvind Unnikrishnan
(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 provide a battery system. The battery system includes a thermal conductive enclosure, a plurality of cells disposed in the thermal conductive enclosure, a plastic body placed on the plurality of cells in the thermal conductive enclosure, wherein the plastic body acts as a holding structure for the plurality of cells, and at least one fan attached to the plastic body. The at least one fan for driving air onto the plurality of cells and the thermal conductive enclosure dissipates heat out of the air circulated around the plurality of cells. FIG. 2 & 3



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

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: DELIVERY OF SYNCHRONISED SOUNDTRACKS FOR ELECTRONIC MEDIA CONTENT

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:g11b :61/847,266 :17/07/2013 :U.S.A.	
(86) International Application No Filing Date (87) International Publication No	:NA :NA : NA	(72)Name of Inventor: 1)CAMERON, Paul Charles 2)CAMERON, Mark Steven
<ul><li>(61) Patent of Addition to Application Number</li><li>Filing Date</li><li>(62) Divisional to Application Number</li><li>Filing Date</li></ul>	:NA :NA :NA :NA	3)WILSON, Craig Andrew 4)BUER, Mark Anthony

#### (57) Abstract:

A method and system for streaming a soundtrack from a server to a remote user device for a reader of electronic media content. The soundtrack is defined by multiple audio regions. Each audio region defined by an audio track for playback in the audio region, a start position in the electronic media content corresponding to where the playback of the audio region is to begin, and a stop position in the electronic media content corresponding to where the playback of the audio region is to cease. The streaming of the soundtrack is based on control data generated by the remote user device.

No. of Pages: 74 No. of Claims: 40

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: PROCESS TO PREPARE POLYESTER PHASE INVERSION LATEXES

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:g03c :13/945,735 :18/07/2013 :U.S.A.	l '
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)Yulin Wang
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number Filing Date</li></ul>	: NA :NA :NA	2)Karen A. Moffat 3)John Lawrence Pawlak 4)Kevin F. Marcell
(62) Divisional to Application Number Filing Date	:NA :NA	5)Steven M. Malachowski

#### (57) Abstract:

A process includes dissolving a polyester resin in an organic solvent to form a solution, the polyester resin has a latex-destablizing cation, removing substantially all of the latex-destabilizing cation, neutralizing the solution of the polyester resin, adding a sufficient amount of water to the neutralized solution form an emulsion, and removing a portion of the organic solvent from the emulsion to form a latex of the polyester resin.

No. of Pages: 31 No. of Claims: 10

(22) Date of filing of Application :15/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A SYSTEM AND METHOD FOR EXTRACTION AND REFINING OF TITANIUM

(51) International classification	:C22B34/12,C22B3/02	(71)Name of Applicant:
(31) Priority Document No	:61/579384	1)UNIVERSAL TECHNICAL RESOURCE SERVICES
(32) Priority Date	:22/12/2011	INC.
(33) Name of priority country	:U.S.A.	Address of Applicant :950 N Kings Highway Suite 208 Cherry
(86) International Application No	:PCT/US2012/071467	Hill NJ 08034 U.S.A.
Filing Date	:21/12/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/096893	1)COX James R.
(61) Patent of Addition to Application	:NA	2)DEALWIS Chanaka L.
Number	:NA	3)KOHLER Benjamin A.
Filing Date	.IVA	4)LEWIS Michael G.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A method to extract and refine metal products from metal bearing ores including a method to extract and refine titanium products. Titanium products can be extracted from titanium bearing ores with TiOand impurity levels unsuitable for conventional methods.

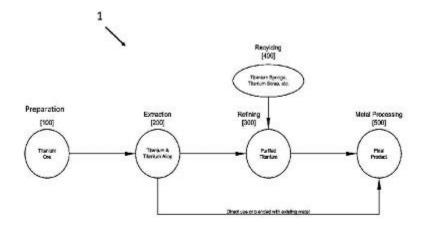


Figure 1

No. of Pages: 67 No. of Claims: 76

(22) Date of filing of Application :15/07/2014 (43) Publication Date: 04/03/2016

### (54) Title of the invention: INKJET INK AND INKJET RECORDING DEVICE

(51) International classification :C09D11/00,B41J2/01,B41M5/00 (71)Name of Applicant: (31) Priority Document No :2012022348 (32) Priority Date :03/02/2012 (33) Name of priority country :Japan

(86) International Application :PCT/JP2013/052293

:25/01/2013 Filing Date

(87) International Publication :WO 2013/115344

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

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

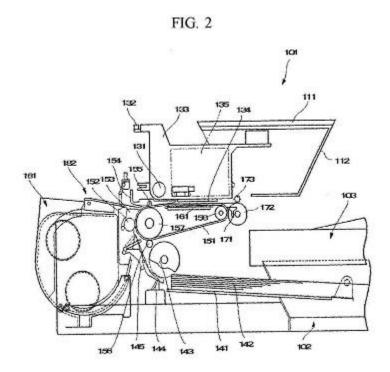
(57) Abstract:

1)RICOH COMPANY LTD.

Address of Applicant : 3 6 Nakamagome 1 chome Ohta ku

Tokyo 1438555 Japan (72)Name of Inventor: 1)GOTO Hiroshi

To provide an inkjet ink containing: a water dispersible colorant; a surfactant; a penetrating agent; a water dispersible resin; a wetting agent containing at least polyhydric alcohol having an equilibrium moisture content of 30% by mass or higher at 23°C 80%RH; a compound represented by the general formula (1); water; and at least one selected from the group consisting of a compound represented by the general formulae (2) to (4) wherein the water dispersible colorant is at least one selected from the group consisting of a self dispersible pigment a pigment dispersed by a pigment dispersing agent and resin particles each containing a pigment wherein a total amount of the water dispersible colorant and the water dispersible resin is 8% by mass to 35% by mass and wherein a mass ratio of the water dispersible resin to the water dispersible colorant is 2 to 8.



No. of Pages: 124 No. of Claims: 7

(21) Application No.5474/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: METHODS FOR POLYMER SYNTHESIS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:61/577800 :20/12/2011 :U.S.A.	(71)Name of Applicant:  1)NOVOMER INC.  Address of Applicant:950 Danby Road Suite 198 Ithaca NY 14850 U.S.A. (72)Name of Inventor:  1)ALLEN Scott D.  2)SIMONEAU Christopher A. 3)KEEFE William D. 4)CONUEL Jeff R.
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

2222The present invention provides methods for reducing induction periods in epoxide CO copolymerizations. In certain embodiments the methods include the step of contacting an epoxide with CO in the presence of two catalysts: an epoxide hydrolysis catalyst and an epoxide CO copolymerization catalyst. In another aspect the invention provides catalyst compositions comprising a mixture of an epoxide hydrolysis catalyst and an epoxide CO copolymerization catalyst.

No. of Pages: 93 No. of Claims: 61

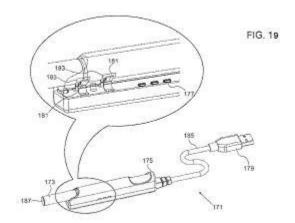
(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: CHARGING ELECTRONIC CIGARETTE

(51) International classification	:A24F47/00	(71)Name of Applicant:
(31) Priority Document No	:61/577024	1)SIS RESOURCES LTD.
(32) Priority Date	:18/12/2011	Address of Applicant :P.O. Box 674 99000 Beit Shemesh
(33) Name of priority country	:U.S.A.	Israel
(86) International Application No	:PCT/IB2012/057108	(72)Name of Inventor:
Filing Date	:09/12/2012	1)WEIGENSBERG Aaron Arye
(87) International Publication No	:WO 2013/093695	2)GAVRIELOV Shmuel
(61) Patent of Addition to Application	:NA	3)CAPUANO Sammy
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

An electronic cigarette charging system includes a rechargeable electronic cigarette (173) having first and second electrical contacts (183) a cradle (175) that is connectable to a battery charger and a receiving element adapted to receive the end of the electronic cigarette (173). The receiving element has electrically conductive first and second contacts (181) which have first and second contact surfaces for contacting the first and second electrical con tacts (183) of the electronic cigarette (175) respectively to thereby establish an electrical connection with the battery charger.



No. of Pages: 40 No. of Claims: 25

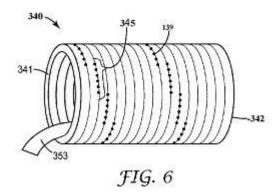
(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: SUPPORT CORE FOR COLD SHRINK TUBE

(51) International classification	:H02G15/18	(71)Name of Applicant :
(31) Priority Document No	:61/579315	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:22/12/2011	Address of Applicant :3M Center Post Office Box 33427 Saint
(33) Name of priority country	:U.S.A.	Paul Minnesota 55133 3427 U.S.A.
(86) International Application No	:PCT/US2012/070303	(72)Name of Inventor:
Filing Date	:18/12/2012	1)RIVARD Nicholas G.
(87) International Publication No	:WO 2013/096287	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Provided is an article comprising a helically wound ribbon forming a tubular support core the ribbon having first and second edges wherein adjacent first and second edges comprise one or more bonds along the length of the tubular support core; wherein the strength of the one or more bonds varies along the length of the tubular support core.



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

(21) Application No.5477/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/07/2014 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: METHOD AND APPARATUS FOR PRODUCTION OF DIRECT REDUCED IRON (DRI) UTILIZING COKE OVEN GAS

(51) International classification: C21B13/00, C21B13/02, C10K1/00 (71) Name of Applicant:

:WO 2013/093640

(31) Priority Document No :61/578877 (32) Priority Date :21/12/2011

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

(86) International Application :PCT/IB2012/003062

:21/12/2012

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)HYL TECHNOLOGIES S.A. DE C.V.

Address of Applicant : Av. Munich 101 Col. Cuauhtemoc San

Nicolas De Los Garza Nuevo Leon 66452 Mexico

2)DANIELI & C. OFFICINE MECCANICHE S.P.A.

(72)Name of Inventor:

1)MARTINIS Alessandro

2)BECERRA NOVOA Jorge octavio

3)CONDOSTA Michele

4) ZENDEJAS MARTINEZ Eugenio

#### (57) Abstract:

Direct reduction process and plant for producing DRI comprising a reduction reactor and at least one reducing gas heater typically comprising a convective heating section and a radiant heating section for raising the reducing gas temperature to a level adequate for iron oxides reduction to metallic iron typically above 850°C wherein the reducing gas fed to the reduction reactor comprises a stream of reducing gas recycled from the reduction reactor and a make up stream of coke oven gas containing carbon compounds which may form carbon deposits in the heating path of said heater namely BTX and other complex carbon compounds. The heater is provided with means for feeding oxidizing agents for example steam steam and air and/or oxygen at predetermined heating tubes successively for eliminating the carbon deposits which may form inside the heating tubes of said heater without interrupting the operation of the plant. The make up stream of cold COG can be combined with the recycled gas at a point in the gas heating path of the heater where the tubes have a skin wall temperature of at least 700°C or when the mixture of recycled gas and COG is at a temperature above 700°C for minimizing clogging or fouling of heating equipment.

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

(21) Application No.5478/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/07/2014 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: IMPROVED NOX TRAP

(51) International classification: B01D53/94,B01J23/58,B01J23/63 (71) Name of Applicant:

:19/12/2012

(31) Priority Document No :61/578952 (32) Priority Date :22/12/2011

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

(86) International Application :PCT/IB2012/002754

Filing Date

(87) International Publication :WO 2013/093597

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

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

1)JOHNSON MATTHEY PUBLIC LIMITED COMPANY Address of Applicant :5th Floor 25 Farringdon Street London

EC4A 4AB U.K.

(72) Name of Inventor: 1)SWALLOW Daniel

2)PHILLIPS Paul Richard

(57) Abstract:

xxxxxxxxA NO trap and its use in an exhaust system for internal combustion engines is disclosed. The NO trap comprises a substrate and three layers on the substrate. The first layer comprises a first platinum group metal a first NO storage component and a first support; the second layer comprises a second platinum group metal a second NO storage component and a second support; and the third layer comprises rhodium and a third support. The platinum group metal loading in the first layer is from 1 to 40 percent of the platinum group metal loading in the second layer. In addition the first NO storage component and the second NO storage component are the same and the first support and the second support are the same. The NO trap is less prone to deactivation over numerous desulfation/NO trap regeneration cycles.

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

(21) Application No.5482/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 16/07/2014 (43) Publication Date: 04/03/2016

### (54) Title of the invention: PROPULSION CONTROL DEVICE OF ELECTRIC VEHICLE AND CONTROL METHOD THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> </ul>	:B60L9/18 :NA :NA :NA :PCT/JP2012/052039 :30/01/2012 :WO 2013/114546 :NA :NA	(71)Name of Applicant:  1)Mitsubishi Electric Corporation Address of Applicant: 7 3 Marunouchi 2 chome Chiyoda ku Tokyo 1008310 Japan (72)Name of Inventor: 1)HATANAKA Keita
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A DC line (1) a first power converter (21) a second power converter (51) and a power storage device (52) are electrically connected via a DC common part (90). The power storage device (52) is also electrically connected to a first input/output terminal positioned on the side of the second power converter (51) that is opposite the DC common part (90). Depending on the manner in which power is input the first power converter (21) acts as a DC/AC converter or an AC/DC converter and the second power converter (51) acts as a DC/AC converter an AC/DC converter or a DC/DC converter. The power storage device (52) is electrically charged using DC power supplied from the DC common part (90) or the first input/output terminal. The power storage device (52) also discharges the desired amount of DC power to the DC common part (90) or the first input/output terminal. Depending on the manner in which power is input a control device (100) freely adjusts the voltage of the DC common part (90) to the desired voltage including high voltage or low voltage.

No. of Pages: 96 No. of Claims: 18

(21) Application No.5483/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/07/2014 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: SUBSTATION AUTOMATION SYSTEM WITH DYNAMIC MULTICAST FILTER

(51) International :H04L12/46,G05B9/00,G05B19/042 classification

(31) Priority Document No :11194735.4 (32) Priority Date :21/12/2011

(33) Name of priority country: EPO

(86) International Application: PCT/EP2012/075632

:14/12/2012

Filing Date (87) International Publication :WO 2013/092439

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)ABB TECHNOLOGY AG

Address of Applicant: Affolternstrasse 44 CH 8050 Z<sup>1</sup>/<sub>4</sub>rich

Switzerland

(72) Name of Inventor: 1)OBRIST Michael 2) WIMMER Wolfgang 3)HILPERT Gunnar

#### (57) Abstract:

The present invention is concerned with substation automation systems in particular for operating a high or medium voltage substation for an electric power transmission or distribution network. The substation automation system comprises a multitude of secondary devices which transmit and receive data from/to each other via multicast packets. The secondary devices comprise packet filters which are adapted to be set up dynamically during the runtime of the substation automation system in order to update the rules for forwarding multicast packets received from the station bus system to the application running on the secondary devices.

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

(21) Application No.5484/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 16/07/2014 (43) Publication Date: 04/03/2016

# (54) Title of the invention : DEVICE FOR TRANSMITTING ELECTRICAL ENERGY FROM A WALL TO A SWIVELLABLE ELEMENT FASTENED ON THE WALL

(51) International classification (71)Name of Applicant: :E05D11/00 (31) Priority Document No :20 2011 052 457.4 1)DR. HAHN GMBH & CO. KG (32) Priority Date Address of Applicant: Trompeterallee 162 170 41189 :23/12/2011 (33) Name of priority country Mnchengladbach Wickrath Germany :Germany (86) International Application No (72)Name of Inventor: :PCT/EP2012/075070 Filing Date :11/12/2012 1)HERGLOTZ Tibor (87) International Publication No :WO 2013/092297 2)STEINFELD Ingo (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

A device (100 200 300) for transmitting electrical energy and/or electric signals from a fixed wall to a swivellable element fastened on the wall such that it can be hinged about a hinge pin (S) having a wall part (1 101; 2) which can be fastened on the wall having a swivellable element part (6 106 206) which can be fastened on the swivellable element and having an energy and/or signal transmitter (8 21) which comprises a wall transmitter part (9 22) provided in the wall part (1 101; 2) and a swivelable element transmitter part (10 23) provided in the swivellable element part (6) wherein at least one of the transmitter parts is arranged such that it can be displaced in the direction of the hinge pin (S) characterized by the provision of an optionally actuable displacement drive (26 126 226) which is operatively connected to the at least one transmitter part.

No. of Pages: 32 No. of Claims: 22

(21) Application No.5485/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: VOLTAGE CONTROL SYSTEM FOR ELECTRICITY DISTRIBUTION SYSTEM

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:21/03/2012	(71)Name of Applicant:  1)Mitsubishi Electric Corporation Address of Applicant: 7 3 Marunouchi 2 chome Chiyoda ku Tokyo 1008310 Japan (72)Name of Inventor: 1)ITAYA Nobuhiko
Application Number Filing Date		
<ul><li>(62) Divisional to Application</li><li>Number</li><li>Filing Date</li></ul>	:NA :NA	

#### (57) Abstract:

A cooperative voltage measuring device (CVS) issues a request for modification of a target voltage in the case that the moving average of the voltage of a self terminal deviates from the optimum voltage bound. A cooperative voltage control device (CVC) can also issue a request for modification of a target voltage in the case that the moving average of the voltage of a self terminal deviates from the optimum voltage bound. A request for modification of a target voltage issued by the cooperative voltage measuring device (CVS) or the cooperative voltage control device (CVC) is transferred between cooperative voltage control devices (CVC) via a communication network to provide notification to all cooperative voltage control devices (CVC) and cooperative operation for voltage control is implemented.

No. of Pages: 55 No. of Claims: 15

(22) Date of filing of Application :15/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : A PROTABLE DEVICE AND A METHOD FOR NON-CONTACT WARMING OF BLOOD AND INTRAVENOUS FLUIDS WITH INFRARED HEATING FROM REFRIGERATOR CONDITION TO PHYSIOLOGICAL CONDITION

(51) International classification	:a61m	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S SREE CHITRA TIRUNAL INSTITUTE FOR
(32) Priority Date	:NA	MEDICAL SCIENCES AND TECHNOLOGY
(33) Name of priority country	:NA	Address of Applicant :(AN INSTITUTE OF NATIONAL
(86) International Application No	:NA	IMPORTANCE UNDER GOVT. OF INDIA), BIO MEDICAL
Filing Date	:NA	TECHNOLOGY WING POOJAPPURA,
(87) International Publication No	: NA	TRIRUVANANTHAPURAM - 695 012 Kerala India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MR. SARATH SASIDHARAN NAIR
(62) Divisional to Application Number	:NA	2)MR. NAGESH DIVAKARA PANICKAR SULOCHANA
Filing Date	:NA	

#### (57) Abstract:

ABSTRACT A portable device and a method for non-contact warming of blood and intravenous fluids with infrared heating from refrigerator condition to physiological condition. A device and a method for non-contact warming fluids such as blood and intravenous (IV) fluids used for transfusion, quickly and efficiently, using infrared radiations (5), are disclosed. The method consists of warming of the fluid using the heat generated by a set of distributed infrared light emitting diodes (IR LEDs) (5) placed along and around the fluid carrying tube (4) inside a chamber (1). Multiple lumens of intravenous fluid tube (4) are kept in a serpentine path to fill the entire gap between the IR LEDs (5) within the chamber (1). The heat produced by the cluster of IR LEDs (5) raises the temperature of the fluid within the tube (4) from refrigerated condition to physiological temperature. The control system within the device maintains the temperature of the fluid to physiological conditions by adjusting the current flowing through the IR LEDs (5). Fig. 4.

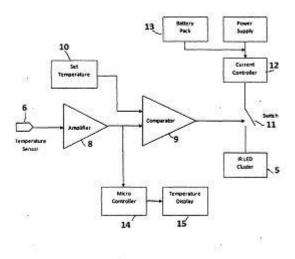


Figure: 4

No. of Pages: 17 No. of Claims: 2

(22) Date of filing of Application :15/07/2014 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: SLEWING BEARING WITH SPLIT RING

(51) International planeification	.D01C	(71) Name of Amiliant.
(51) International classification	:D01G	(71)Name of Applicant:
(31) Priority Document No	:13306049.1	1)Aktiebolaget SKF
(32) Priority Date	:22/07/2013	Address of Applicant :415 50 Goteborg Sweden Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor:
(86) International Application No	:NA	1)Cyril Bouron
Filing Date	:NA	2)Bruno Capoldi
(87) International Publication No	: NA	3)Jean-Baptiste Magny
(61) Patent of Addition to Application Number	:NA	4)Jean-Baptiste Noirot
Filing Date	:NA	5)Pascal Ovize
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

ABSTRACT [0026] The invention relates to a Slewing bearing including an inner ring (10) and an outer ring (12), wherein at least the inner ring (10) or the outer ring (12) is formed as a split ring formed by combining a first split ring (16) and at least one second split ring (18), wherein each of the split rings is provided with a plurality of mating through-holes (22, 24) and wherein the first split ring (16) and the second split ring (18) are joined by bolts (28) fitted into pairs of corresponding through-holes (22, 24). It is proposed that at least one of the through-holes (20) in the first split ring (16) has a larger bore diameter than the corresponding through-hole in the second split ring (18). In order to solve the problem of the existing art, where the mating through-holes may not be perfectly aligned such that it may become necessary to initiate a laborious, time and cost consuming reworking step, the invention facilitates the assembly and avoids reworking processes due to the use of at least one thorough-hole with a larger diameter. (Fig. 1)

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

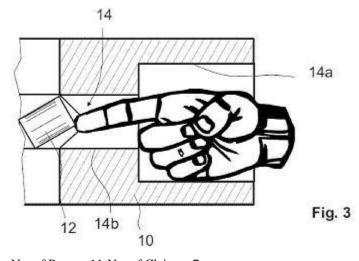
(22) Date of filing of Application :15/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: SLEWING BEARING WITH A THROUGH-HOLE AND PLUG

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	UNION :NA :NA : NA :NA :NA :NA	(71)Name of Applicant:  1)Aktiebolaget SKF   Address of Applicant: 415 50 Goteborg Sweden Sweden (72)Name of Inventor:  1)Cyril Bouron 2)Jean-Baptiste Magny 3)Pascal Ovize
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

[0028] The invention relates to a slewing bearing with two rings (10) and rollers (12) arranged between the rings (10), wherein one of the rings (10) is provided with a through-hole (14) for inserting the rollers (12) for assembly and maintenance, and with a plug (16) for closing the through-hole (14). It is proposed that the through-hole (14) is formed as a bore (16) including an inner portion (14a) with a smaller bore diameter and an outer portion (14b) with a larger bore diameter. In order to solve the problem of the existing art, where the manual assembly is limited by the length of a finger of a worker, the invention provides a slewing bearing, where the smaller diameter portion can be reduced in order to facilitate the assembly, while avoiding an increased diameter in the innermost part of the thoroughhole in order to secure stability and robustness. (Fig. 3)



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

(21) Application No.5490/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: HEAT SENSITIVE COATING COMPOSITION

:C07C311/60,B41M5/30 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)BASF SE :61/577691 (32) Priority Date Address of Applicant: 67056 Ludwigshafen Germany :20/12/2011 (33) Name of priority country (72)Name of Inventor: :U.S.A. (86) International Application No :PCT/IB2012/057371 1)ONEIL Robert Montgomery Filing Date :17/12/2012 2)HOOK Lukasz (87) International Publication No :WO 2013/093755 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

Disclosed is an improved method for reducing the static sensitivity of a heat sensitive coating composition while not deteriorating the dynamic sensitivity wherein N (p toluenesulphonyl) N (3 p toluenesulphonyl oxy phenyl)urea having an X ray powder pattern having Bragg angles (2/CuKa) of 10.3 11.1 13.0 13.3 15.6 17.1 18.1 18.4 19.6 20.0 20.8 21.3 23.1 25.0 25.5 26.4 26.8 27.5 29.1 32.8 is used as a colour developer.

No. of Pages: 25 No. of Claims: 2

(21) Application No.5491/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/07/2014 (43) Publication Date: 04/03/2016

### (54) Title of the invention: METHOD FOR PREPARING A GROUP VIII METAL CATALYST BY IMPREGNATION USING AT LEAST ONE ORGANIC ADDITIVE AND SELECTIVE HYDROGENATION METHOD IMPLEMENTING SAID CATALYST

(51) International

:B01J23/40,B01J23/74,B01J23/755classification

:WO 2013/093231

(31) Priority Document No :11/04003 (32) Priority Date :21/12/2011 (33) Name of priority country :France

(86) International Application :PCT/FR2012/000516

No

:11/12/2012 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

(71)Name of Applicant:

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Address of Applicant :1 et 4 avenue de Bois Prau F 32852

Rueil Malmaison Cedex France

2)UNIVERSITE PIERRE ET MARIE CURIE (Paris 6)

(72)Name of Inventor: 1)BENTALEB Faiza 2) DUBREUIL Anne Claire 3)THOMAZEAU Cecile 4)MARCEAU Eric

5)CHE Michel

#### (57) Abstract:

The invention relates to a method for preparing a selective hydrogenation catalyst the active phase of which includes at least one Group VIII metal and at least one substrate consisting of at least one oxide wherein said method includes: a) at least a step of preparing a solution containing at least one precursor of said Group VIII metal and at least one additive said precursor and said additive being added during the preparation of the solution with an additive/Group VIII metal molar ratio of less than or equal to 1.5; b) at least a step of impregnating said substrate with the solution prepared in step a); c) at least a step of drying the impregnated substrate from step b); and d) at least a step of calcining the dried substrate from step c) so as to obtain at least said Group VIII metal in an oxide form. The invention also relates to a hydrogenation method implementing said catalyst. The additives are organic compounds having one to three carboxylic acid functions preferably carboxylic acids selected from among glycine aspartic acid citric acid and tartric acid. The catalyst obtained by this specific preparation method has catalytic performance that is enhanced in terms of selectivity while still having high activity.

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

(21) Application No.5492/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 16/07/2014 (43) Publication Date: 04/03/2016

# (54) Title of the invention : USER EQUIPMENT AND METHOD FOR DISCONTINUOUS RECEPTION (DRX) MODE IN WIRELESS COMMUNICATION NETWORKS

(51) International :H04W52/02,H04W88/02,H04W88/08

(31) Priority Document No :61/591641

(32) Priority Date :27/01/2012

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

(86) International

Application No :PCT/US2013/022985

Filing Date :24/01/2013

(87) International Publication No :WO 2013/112733

(61) Patent of Addition to
Application Number

:NA

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

(71)Name of Applicant:

1)INTEL CORPORATION

Address of Applicant :2200 Mission College Boulevard Santa

Clara California 95054 U.S.A.

(72)Name of Inventor:

1)VANNITHAMBY Rath

2)KOC Ali Taha

#### (57) Abstract:

Filing Date

Embodiments of user equipment (UE) and method for discontinuous reception (DRX) mode in wireless communication are generally described herein. In some of these embodiments the UE may operate to determine a value for a DRX parameter based at least in part on information associated with an application running on the UE. The UE may send a message to an enhanced node B (eNB). The message may include at least one of the value for the DRX parameter and the information associated with the application. The eNB may determine values for DRX parameters that the UE may use in DRX mode.

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

(21) Application No.5493/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: METHOD FOR THE REMOVAL OF VIRUS FROM A PROTEIN SOLUTION

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:A61L2/00,C07K1/30 :11194674.5 :20/12/2011 :EPO	(71)Name of Applicant: 1)NOVOZYMES A/S Address of Applicant: Krogshoejvej 36 DK 2880 Bagsvaerd Denmark
<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:PCT/EP2012/076194 :19/12/2012 :WO 2013/092741 :NA :NA :NA	(72)Name of Inventor: 1)JOHANSEN Poul 2)KEPKA Cecilia Jansson

# (57) Abstract:

The present invention relates to a method for selectively removing virus and/or virus DNA from a solution comprising a target protein whereby acetone is used as a precipitation agent to precipitate virus and/or virus DNA as well as the target protein.

No. of Pages: 18 No. of Claims: 15

(21) Application No.5494/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: FLOATING POINT CONSTANT GENERATION INSTRUCTION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> </ul>	:08/02/2013 :WO 2013/119995 :NA	(71)Name of Applicant:  1)QUALCOMM INCORPORATED  Address of Applicant: Attn: International IP Administration  5775 Morehouse Drive San Diego CA 92121 U.S.A.  (72)Name of Inventor:  1)PLONDKE Erich James  2)CODRESCU Lucian  3)TABONY Charles Joseph  4)BALASUBRAMANIAN Swaminathan
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Systems and methods for generating a floating point constant value from an instruction are disclosed. A first field of the instruction is decoded as a sign bit of the floating point constant value. A second field of the instruction is decoded to correspond to an exponent value of the floating point constant value. A third field of the instruction is decoded to correspond to the significand of the floating point constant value. The first field the second field and the third field are combined to form the floating point constant value. The exponent value may include a bias and a bias constant may be added to the exponent value to compensate for the bias. The third field may comprise the most significant bits of the significand. Optionally the second field and the third field may be shifted by first and second shift values respectively before they are combined to form the floating point constant value.

No. of Pages: 19 No. of Claims: 18

(21) Application No.3491/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

(54) Title of the invention: INFO TONES

(51) International classification	:a06a	(71)Name of Applicant:
	- 1	
(31) Priority Document No	:NA	1)DORASANI JAYA PRATAP REDDY
(32) Priority Date	:NA	Address of Applicant :H.NO 3-5, KOTA VEEDI,
(33) Name of priority country	:NA	CHOWTKUR VILLAGE, MIDUTHUR MANDAL,
(86) International Application No	:NA	NANDIKOTKUR, KURNOOL DISTRICT Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DORASANI JAYA PRATAP REDDY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A method and an application procedure which facilitates users to subscribe to various information services by creating a info tone through an application which is being installed on the device or apparatus such as mobile phone, tablets, television and computer systems and will ring back with a tone of information interested by user. This invention avoids the search of the information on internet through search engines where user has to keep on searching the information till the time he gets what information that user required. The backend architecture of info tones application facilitates the publishers to create info tone services for the subscribed users of information. The backend system allows the publishers to customize the services and publishing them to a targeted set of users. The backend system also allows the publishers to keep track of the published services; publishers can get information on published service from the users of their info tone and user opinion such as likes, dislikes, accepted, rejected and or non-relevant. Info tones application mainly contain following components:a)Info Tones Application b)Info Broker c)Info Backend System d)Info Data Analytic<sup>TM</sup>s Engine e)Info Restful API<sup>TM</sup>s Info Tones application facilitates the users the way how they can subscribe to information by creating a specific tone on interested services on offers, deals, coupons, location based services, trailers, news, greets, jobs, jokes, rentals, tips, doctor advices, farm techniques, and any other useful information. Info Broker facilitates the Info Tones application and Backend System to subscribe and publish the offers between both parties. Info Broker acts as middle man to pass the information between interested parties of the system. Info Broker has the capability of handling multiple connections between user and publishers and acts as gateway of information exchange. Info Backend System facilitates the user authentication services, user management and allows the user to create, update and delete the info tones when required, this system allows user to customize the information based on user interests. Backend System will be pushing information to Info Broker which then broadcast the information to subscribed set of users. Info Broker will be pushing the data to Info Tone client application as a tone of information which will rings back to device or apparatus of the user. Info Data Analytic Engine enough intelligent to understand the user inputs on info tone and searches for the related content published by various information service providers and if required it will query the content publisher to provide quality of custom information interested by user. Finally consolidates the content and informs to the backend system to broadcast the information to the set of users subscribed to info tone client application. Info Restful APITMs are useful for the publishers to integrate the info tones application<sup>TM</sup>s backend system with their existing application architecture. The advantage is that they can easily adapt to the info tone application services without actually modifying their existing system.

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

(21) Application No.5500/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 16/07/2014 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: IMPROVED RESUME HANDLING AFTER TUNE AWAY

(51) International :H04W60/00,H04W36/00,H04W48/16

classification .H04 w 00/00,H04 w 30/00,H04 w 46/1

(31) Priority Document No :61/599849 (32) Priority Date :16/02/2012 (33) Name of priority

country :U.S.A.

(86) International :PCT/US2013/026369

Application No Filing Date :15/02/2013

(87) International

Publication No :WO 2013/123343

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

(62) Divisional to
Application Number
Filing Date
: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)SRINIVASAN Shivratna Giri 2)BHATTACHARJEE Supratik

#### (57) Abstract:

Methods and apparatus for resuming operations with an LTE network are described. One example method generally includes suspending operations with a base station of a first radio access technology (RAT) network (e.g. LTE network) tuning to a second RAT network (e.g. 1x network) to monitor for paging messages targeting the UE and determining whether or not to resume operations with the base station of the first RAT network without performing system acquisition based at least in part on how much time has elapsed since suspending operations.

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

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : COMPUTER-IMPLEMENTED METHOD, COMPUTER SYSTEM, COMPUTER PROGRAM PRODUCT TO MANAGE TRAFFIC IN A NETWORK

(32) Priority Date :21/1	290 260.2 10/2013 ROPEAN ION ION ION ION ION ION ION ION ION IO
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#### (57) Abstract:

In an aspect, the present application is directed to a computer-implemented method, a computer system, and a computer program product to manage traffic in a network. In an aspect a computer-implemented method to manage traffic in a network is provided. The method comprises: receiving a capacity request, wherein the capacity request comprises a request for capacity on the network; evaluating whether the capacity requested by the capacity request in view of a measure of currently in-use network capacity on the network would exceed a threshold level; if the threshold level would not be exceeded, the capacity request is fulfilled so that a corresponding network request can be granted for transmission over the network; and if the threshold level would be exceeded, retrieving and analyzing real-time capacity data to determine an available network capacity of the network to be compared to the capacity requested in the capacity request.

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

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A COMPOSITION COMPRISING FLAVONOIDS AND USES THEREOF

		(71)Name of Applicant:
(51) International classification	:A61K31/00	1)ITC LIMITED
(31) Priority Document No	:NA	Address of Applicant :ITC-LIFE SCIENCES AND
(32) Priority Date	:NA	TECHNOLOGY CENTRE #3, 1st Main, Peenya Industrial Area,
(33) Name of priority country	:NA	Phase 1, Bangalore 560 058 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SRINIVASAN, Yuvaraj
(87) International Publication No	: NA	2)MIRIYALA, Amarnath
(61) Patent of Addition to Application Number	:NA	3)SHETTY, Shilpa Sachin
Filing Date	:NA	4)KAREMPUDI, Pavani
(62) Divisional to Application Number	:NA	5)DIXIT, Ajay Kumar
Filing Date	:NA	6)CHAVAN, Milind Abaji
		7)CHANDRASEKHARAN, Lakshmanan Chittur

#### (57) Abstract:

The present disclosure relates to a composition comprising flavonoids for maintenance of metabolic health. In particular, the present disclosure relates to a composition comprising myricetin and luteolin. Also provided is a formulation comprising the composition as described.

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

(21) Application No.5504/CHENP/2014 A

(19) INDIA

(43) Publication Date: 04/03/2016 (22) Date of filing of Application :16/07/2014

### (54) Title of the invention: USE OF UNFIRED REFRACTORY PRODUCTS AS A LINING IN LARGE VOLUME INDUSTRIAL FURNACES AS WELL AS AN INDUSTRIAL FURNACE LINED WITH SAID UNFIRED REFRACTORY PRODUCTS

(51) International

:C04B35/00,C04B35/01,C04B35/03 classification

(31) Priority Document No :10 2012 023 318.3 (32) Priority Date :29/11/2012 (33) Name of priority country: Germany

(86) International Application :PCT/EP2013/074785

No :26/11/2013 Filing Date

(87) International Publication: WO 2014/083016

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

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

(71)Name of Applicant:

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Address of Applicant: Adalperostrae 82 85737 Ismaning

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(72)Name of Inventor: 1)SCHEUBEL Bernd 2)JANSEN Helge

3)KLISCHAT Hans J<sup>1</sup>/<sub>4</sub>rgen

4)KIZIO Rolf Dieter 5)WIRSING Holger

#### (57) Abstract:

The invention relates to the use of unfired carbon carrier free refractory products particularly shaped by pressing or unshaped and containing binders and granules of said refractory materials that form a ceramic bond at temperatures above 900° C so as to produce magnesia chromite bricks magnesia spinel and spinel bricks magnesia zirconia and magnesia zircon bricks magnesia hercynite and magnesia galaxite bricks dolomite dolomite magnesia and lime bricks forsterite and olivine bricks magnesia forsterite bricks magnesia pleonast bricks and magnesia bricks as a firing side refractory lining in large volume industrial furnaces which are operated with an oxidising or substantially oxidising atmosphere for the purpose of producing cement lime magnesia and doloma in the form of compressed bricks or unshaped masses. The bricks have a cold compressive strength of greater than 20 MPa and the products contain at least one first temporary binder that guarantees bonding of the grains of the granules in a temperature range between room temperature and 500°C as well as at least one second temporary binder which guarantees bonding of the grains of the granules in the temperature range between 300 and 1000°C.

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

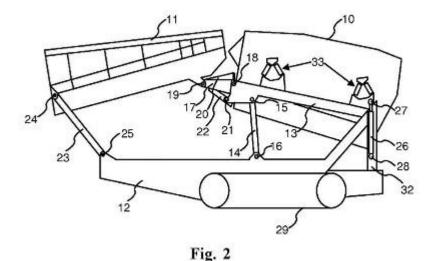
(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

### (54) Title of the invention: MATERIAL PROCESSING PLANT

:B07B1/00,B02C21/02	(71)Name of Applicant:
:20125005	1)METSO MINERALS INC.
:03/01/2012	Address of Applicant :Fabianinkatu 9 A FI 00130 Helsinki
:Finland	Finland
:PCT/FI2012/051250	(72)Name of Inventor:
:17/12/2012	1)ERKKIL,, Toni
:WO 2013/102699	
·N Δ	
.IVA	
:NA	
:NA	
	:20125005 :03/01/2012 :Finland :PCT/FI2012/051250 :17/12/2012 :WO 2013/102699 :NA :NA

#### (57) Abstract:

A material processing plant comprising a frame (12) and a body (13) of a material processing apparatus connected to the frame and a feeder (11) for feeding material for the processing apparatus (10) and first joining means which comprise a first pivoted support arm (23) to which are arranged a first pivot point (24) and a second pivot point (25) at a first distance from each other which first pivot point (24) is connected to a first end (11) of the feeder and which second pivot point (25) is connected to the frame (12) of the processing plant for moving the first end of the feeder (11). The processing plant comprises further second joining means which comprise a second pivoted support arm (17) to which are arranged a third pivot point (19) and a fourth pivot point (18) at a second distance from each other which third pivot point (19) is connected to a second end of the feeder (11) and which fourth pivot point (18) is connected to the body (13) of the processing apparatus for moving the second end of the feeder and an actuator (22) for moving the feeder (11) between a first position and a second position.



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

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : A DIFFUSE REFLECTANCE SPECTRAL RATIO BASED OPTICAL BIOPSY SYSTEM FOR CLINICAL DIAGNOSTICS

(51) International classification	·A61h	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Innobreeze Communication Technologies, Pvt Ltd.
(32) Priority Date	:NA	Address of Applicant :XII/111G, Innobreeze Communication
(33) Name of priority country	:NA	Technologies, Pvt Ltd. KINFRA Hightech Park, Kalamassery,
(86) International Application No	:NA	Kochi-683503 Kerala India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)K.R.Suresh Nair
(61) Patent of Addition to Application Number	:NA	2)Neeba Abraham
Filing Date	:NA	3)Subhash Narayanan
(62) Divisional to Application Number	:NA	4)Abhishek Jose Perekkat
Filing Date	:NA	

#### (57) Abstract:

The present invention relates to a low cost and portable diffuse reflectance spectral ratio based optical biopsy system for clinical diagnostics. This specifically relates to a non-invasive optical diagnostic system for real time and in-vivo monitoring of pre-malignant lesions in oral cavity, cervix, oesophagus, prostate, lungs, gastro-intestine, urinary bladder and colon. This also relates to a portable, smart biopsy system for in-vivo epithelial cancer screening. FIG. 1

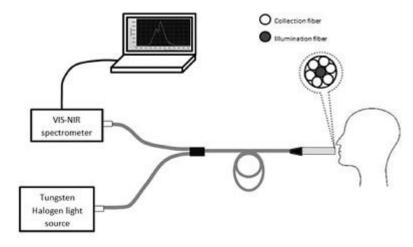


FIG. 1

No. of Pages: 32 No. of Claims: 6

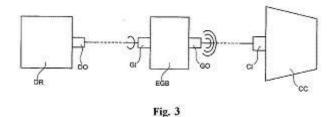
(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : COMPRESSOR SYSTEM FOR NATURAL GAS METHOD OF COMPRESSING NATURAL GAS AND PLANT USING THEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:24/01/2013 :WO 2013/110733 :NA :NA :NA	(71)Name of Applicant:  1)NUOVO PIGNONE SRL Address of Applicant: Via Felice Matteucci 2 I 50127 Florence Italy (72)Name of Inventor:  1)TACCONELLI Remo 2)CHANDRASEKARAN Shankar 3)REDDY Murali Krishna 4)AH KARM Tivon Sing Lezin 5)VADAPALLI Sandilya 6)GUENARD Denis Guillaume
Filing Date	:NA	o, o o o o o o o o o o o o o o o o o o

#### (57) Abstract:

The compressor system comprises a driver machine DR for example a motor or a turbine an epicyclic gearbox EGB and a centrifugal compressor CC; they are connected in train configuration i.e. the output rotary member of the driver machine is coupled to the input rotary member of the epicyclic gearbox and the output rotary member of the epicyclic gearbox is coupled to the input rotary member of the centrifugal compressor. The gear ratio of the epicyclic gearbox is greater than one typically much more than one thus increasing the rotation speed from input to output. Such compressor system may advantageously be used in an upstream or downstream plant for compressing gas.



No. of Pages: 31 No. of Claims: 10

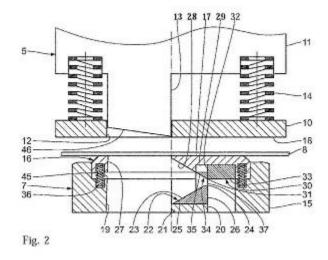
(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: DIE FOR A PUNCHING DEVICE

(51) International classification	:B21D28/10,B21D28/34	(71)Name of Applicant:
(31) Priority Document No	:10 2011 089 682.1	1)PASS STANZTECHNIK AG
(32) Priority Date	:22/12/2011	Address of Applicant : Am Steinkreuz 2 95473 Creuen
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/075764	(72)Name of Inventor:
Filing Date	:17/12/2012	1)KRAFT Stefan
(87) International Publication No	:WO 2013/092476	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The invention relates to a die for a punching device (1). The die comprises a die main body (15) and a workpiece carrier body (16) provided on the die main body (15) for supporting a workpiece (8) to be processed as well as a cut off device for cutting off a workpiece part (38) of the workpiece (8). The cut off device has a cut off element (22) and an opposing cut off element (30) for interaction with the cut off element (22) providing a cut off effect through multiple cross cutting strokes. The cut off element (22) and the opposing cut off element (30) can be displaced relative to one another between a cut off position in which the cut off element (22) and the opposing cut off element (30) interact providing a cut off effect and an open position in which the cut off element (22) and the opposing cut off element (30) are separated from one another. In addition the die has a guide device for the guidance of the workpiece part (38).



No. of Pages: 39 No. of Claims: 15

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

### (54) Title of the invention: METHOD FOR PRODUCING A COMPONENT

(51) International classification :G04B31/02,G04B31/06,G04B31/08

(31) Priority Document No :11195421.0 (32) Priority Date :22/12/2011

(33) Name of priority country:EPO

(86) International :PCT/EP2012/076502

Application No
Filing Date

FC1/EF201
:20/12/2012

(87) International Publication :WO 2013/092924

(61) Patent of Addition to

Application Number
Filing Date
:NA
:NA

(62) Divisional to
Application Number
:NA
:NA

Filing Date

(71)Name of Applicant:

1)THE SWATCH GROUP RESEARCH AND

DEVELOPMENT LTD

Address of Applicant :Rue des Sors 3 CH 2074 Marin

Switzerland

(72)Name of Inventor:

1)HESSLER Thierry

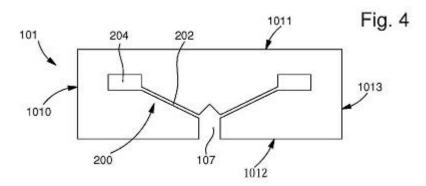
2)REBEAUD Nicolas 3)HELFER Jean Luc

4)RICHARD David

5)GRAF Sbastien

(31) Austract.	(57)	Abstract	:
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The present invention relates to a method for producing a component in a substrate characterised in that it comprises the following steps: a) modifying the structure of at least one area of substrate in order to make said at least one area more selective; b) chemically etching said at least one area in order to selectively produce said component.



No. of Pages: 30 No. of Claims: 31

:NA

(21) Application No.5514/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

# (54) Title of the invention : TELEPHONE TRANSMISSION SYSTEM TELEPHONE TRANSMISSION SERVER AND DISPLAY UNIT

(51) International classification :H04M3/54,H04M3/42,H04M3/50 (71) Name of Applicant : (31) Priority Document No :2012010902 1)PANASONIC CORPORATION (32) Priority Date Address of Applicant: 1006 Oaza Kadoma Kadoma shi Osaka :23/01/2012 (33) Name of priority country 5718501 Japan :Japan (72) Name of Inventor: (86) International Application :PCT/JP2012/008096 1)UENO Takeshi :19/12/2012 Filing Date (87) International Publication :WO 2013/111238 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number

#### (57) Abstract:

Filing Date

When a user (B) presses a pushbutton a display unit (10) generates a pseudorandom number based on the time point measured by a first clock and the characteristic ID of the display unit (10) and displays this pseudorandom number that is thus generated on a liquid crystal display section. When there is an incoming call from a mobile telephone (40) a telephone transmission server (20) receives information generated by operation of the mobile telephone (40). When this information is received the telephone transmission server (20) generates a pseudorandom number based on the time point measured by a second clock andthe characteristic ID of the display unit (10) that was stored beforehand and determines whether or not this pseudorandom number that has thus been generated and the aforementioned information that was received coincide. If it decides that these coincide the telephone transmission server connects the circuit of the mobile telephone (40) with the telephone number of the telephone (30).

No. of Pages: 66 No. of Claims: 8

(21) Application No.3485/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :15/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: DYNAMIC IMAGE SITELINKS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:NA	(71)Name of Applicant: 1)GOOGLE INC.
(32) Priority Date	:NA	Address of Applicant :of 1600 Amphitheatre Parkway,
(33) Name of priority country (86) International Application No		Mountain View, CA 94043, USA U.S.A. (72)Name of Inventor:
Filing Date	:NA	1)Shipra Bajpai
(87) International Publication No	: NA	2)Sheeba Areeb Fatima
(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 determining and providing dynamic content item images are provided. A data processing system can determine a content item including an image. The content item is provided for display on a device. Upon receiving an indication of interest in the image, a plurality of additional images is determined based on historical activity information associated with the device. The additional images are provided for display by the device, in place of the image. Data associated with each image includes a URL of a web page associated with a product depicted in an image. The web page enables the user to purchase the product depicted in the image.

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

(22) Date of filing of Application :15/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: REDOX DOPING OF SEMICONDUCTORS BY COLLOIDAL NANOCRYSTAL DOPANTS

(51) International classification	:h03b	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Indian Institute of Science
(32) Priority Date	:NA	Address of Applicant :Solid State and Structural Chemistry
(33) Name of priority country	:NA	Unit, Indian Institute of Science Bangalore, Karnataka 560012,
(86) International Application No	:NA	India. Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PANDEY, Anshu
(61) Patent of Addition to Application Number	:NA	2)MAHADEVU, Rekha
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(75)		·

#### (57) Abstract:

The present disclosure pertains to techniques and methods for doping colloidal Nanocrystals and, more particularly, to techniques and methods for doping semiconductor materials using redox active colloidal Nanocrystals, wherein there dox active colloidal Nanocrystalsare produced by doping Nanocrystals with redox active inorganic ions.

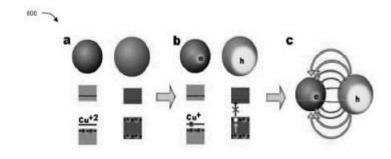


Fig. 8

No. of Pages: 35 No. of Claims: 11

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

### (54) Title of the invention: IMPROVED PROCESS FOR CONVERTING A HEAVY FEEDSTOCK INTO MIDDLE DISTILLATES USING A PRETREATMENT UPSTREAM OF THE CATALYTIC CRACKING UNIT

(51) International :C10G11/18,C10G50/00,C10G69/04 classification

(31) Priority Document No :1104082

(32) Priority Date :23/12/2011 (33) Name of priority country: France

(86) International :PCT/FR2012/000483

Application No :23/11/2012 Filing Date

(87) International Publication :WO 2013/093227

(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)IFP ENERGIES NOUVELLES

Address of Applicant: 1 et 4 avenue de Bois Prau F 92852

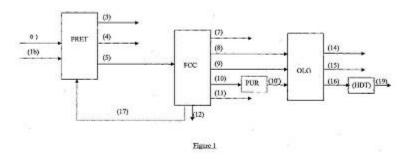
Rueil Malmaison Cedex France

(72) Name of Inventor:

1)FEUGNET Frdric 2) HUGUES Fransois 3)TOUCHAIS Natacha 4)DULOT Hugues

(57) Abstract:

The present invention describes an improved process for converting a heavy feedstock that makes it possible to improve the selectivity for middle distillates. The invention consists in the implementation of a hydrotreatment or hydroconversion process referred to as pretreatment process of the heavy feedstock upstream of the assembly of a catalytic cracking unit followed by an oligomerization unit which makes it possible to increase the net production of C3 C4 and light petrol cuts at the end of the catalytic cracking unit and consequently to very significantly increase the production of middle distillates after the oligomerization step and also the selectivity of middle distillates over petrol.



No. of Pages: 37 No. of Claims: 9

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

# (54) Title of the invention: PROTEOLYTICALLY RESISTANT HYDROGEN BOND SURROGATE HELICES

(51) International :A61K38/04,C07K1/107,C07K5/12 classification

(31) Priority Document No :61/578652 (32) Priority Date :21/12/2011

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

(86) International Application :PCT/US2012/071223

No :21/12/2012 Filing Date

(87) International Publication :WO 2013/096755

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)NEW YORK UNIVERSITY

Address of Applicant: 70 Washington Square South New York

NY 10012 U.S.A.

(72) Name of Inventor:

1)ARORA Paramjit S.

2)PATGIRI Anupam

3)JOY Stephen

(57) Abstract:

The present invention relates to peptidomimetics having a stable internally constrained protein secondary structure where the peptidomimetics contain a hydrogen bond surrogate in the internal constraint and at least one beta amino acid. Methods for promoting cell death using peptidomimetics that inhibit p53/hDM2 are also disclosed.

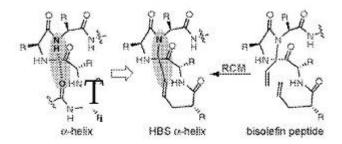


Figure 1

No. of Pages: 90 No. of Claims: 54

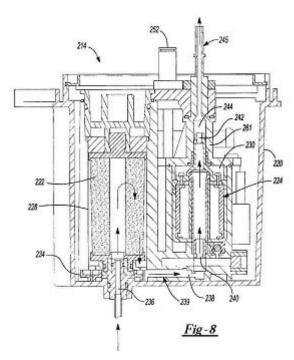
(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: AIR ASSISTED REDUCTANT DELIVERY SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:F01N3/20 :201210042798.7 :23/02/2012 :China :PCT/CN2013/071619 :17/02/2013 :WO 2013/123865 :NA :NA :NA	(71)Name of Applicant:  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)FAN Gaofeng 2)FAN Jianqiang 3)YANG Yang 4)XU Mingdao 5)HU Bo 6)GUAN Jianzhong 7)JIAN Yingxin
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#### (57) Abstract:

A pump assembly (214) for an exhaust treatment system is provided that may include a housing (220) a gas flow path (259) a reductant flow path (239) and a pump (224). The housing may include a first inlet (236) configured to receive a reductant from a tank (210) a second inlet (252) configured to receive a gas from a gas compressor (13) and an outlet (262) through which the gas and the reductant exit the housing. The gas flow path may extend between and fluidly communicate with the second inlet and the outlet. The reductant flow path may extend between and fluidly communicate with the first inlet and the outlet. The pump may be at least partially disposed within the housing and may include a motor in a heat transfer relationship with gas flowing through the gas flow path.



No. of Pages: 37 No. of Claims: 42

(21) Application No.3503/CHE/2014 A

(19) INDIA

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

# (54) Title of the invention : SPRING ACTUATED CLAMSHELL PARACHUTE COMPARTMENT DOOR DESIGN FOR FIGHTER / TRAINER AIRCRAFT BRAKE PARACHUTE SYSTEM

(51) International classification	:B64D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HINDUSTAN AERONAUTICS LTD, AIRCRAFT
(32) Priority Date	:NA	RESEARCH AND DESIGN CENTRE, DESIGN COMPLEX
(33) Name of priority country	:NA	Address of Applicant :AIRCRAFT RESEARCH AND
(86) International Application No	:NA	DESIGN CENTRE, DESIGN COMPLEX, MARATHAHALLI
Filing Date	:NA	POST, BANGALORE - 560 037 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)D. SHASHIDHARA MURTHY
Filing Date	:NA	2)I. JAYASANKAR
(62) Divisional to Application Number	:NA	3)P.G. JAYAN
Filing Date	:NA	

#### (57) Abstract:

In the present invention, the parachute compartment door of Brake Parachute System is split into two halves in vertical direction and it is equipped with hinges to facilitate opening and closing operation. RH half of the parachute compartment door is connected to the starboard side of gantry structure whereas the LH half is connected to the port side of the gantry structure using hinges. The split parachute compartment doors are coupled with two separate spring jacks that keep the doors in open condition when it is unlocked by the hooks. The springs will be in compressed condition when the doors are locked by the release unit hooks. The energy stored in the compressed spring will be utilized to open the compartment doors during parachute deployment process. Two numbers of microswitches are installed on the system to indicate the position (OPEN/CLOSE) of parachute compartment doors to the pilot(s). During parachute deployment the compartment doors loses the physical contact from the micro-switch which gives indication in the cockpit. This design results in high reliability and easy maintainability of the system.

No. of Pages: 11 No. of Claims: 5

(21) Application No.3504/CHE/2014 A

(19) INDIA

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

# (54) Title of the invention : AEROBATIC AIRCRAFT FUEL SYSTEM FOR UNLIMITED INVERTED FLYING USING GRAVITY-BALL PRINCIPLE

(51) International classification	:A63H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HINDUSTAN AERONAUTICS LTD, AIRCRAFT
(32) Priority Date	:NA	RESEARCH AND DESIGN CENTRE, DESIGN COMPLEX
(33) Name of priority country	:NA	Address of Applicant :AIRCRAFT RESEARCH AND
(86) International Application No	:NA	DESIGN CENTRE, DESIGN COMPLEX, MARATHALLI
Filing Date	:NA	POST, BANGALORE - 560 037 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)P. RAMESH
Filing Date	:NA	2)E. BALARAMAN
(62) Divisional to Application Number	:NA	3)JAIN ABRAHAM
Filing Date	:NA	

#### (57) Abstract:

The supply tank or collector tank is getting fuel transfer from integral tanks and external tanks during all phases of flying or this tank has sufficient amount of storage volume which is filled by other tanks whenever level goes below a critical level. Air pressurization, done at rear compartment of the supply tank, helps to replenish the inverted flying compartment during inverted flying where a final booster pump is housed. As the replenishment is happening continuously from the rear compartment, the inverted flying compartment will be always full and allows to do unlimited inverted flying even by having a smaller tank capacity, single ended booster pump with or without canister and Gravity-Ball valves. In current practices, mostly, a double ended booster pump is housed in this tank to feed fuel to the engine from the bottom & top impeller in normal flying and from top impeller during inverted flying. This compartment is not replenished; whatever fuel stored is used for inverted flying usage. The subject invention is presented here helps to achieve unlimited inverted flying, in addition addresses all inherent issues and brings additional benefits.

No. of Pages: 10 No. of Claims: 2

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

## (54) Title of the invention: METHOD FOR IMPROVING THE PIVOTAL MOVEMENT OF A MOBILE BODY

(51) International classification :G04B18/00,G04D7/08,G01M1/34 (71) Name of Applicant:

(31) Priority Document No :11195125.7 (32) Priority Date :22/12/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/074144 No

:30/11/2012 Filing Date

(87) International Publication :WO 2013/092173

(61) Patent of Addition to

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

:NA Number :NA Filing Date

1)THE SWATCH GROUP RESEARCH AND

DEVELOPMENT LTD

Address of Applicant :Rue des Sors 3 CH 2074 Marin

Switzerland

(72) Name of Inventor:

1)CONUS Thierry

2)VERARDO Marco

3)VILLAR Ivan

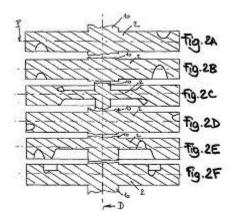
4) CABEZAS JURIN Andrs

5)HELFER Jean Luc

6)GRAF Emmanuel

### (57) Abstract:

The invention relates to a method for improving the pivotal movement of a mobile body (1) for a scientific instrument comprising a shaft (10) pivoting or oscillating about an axis (D) wherein said method comprises: statically balancing said mobile so as to bring the center of gravity thereof onto said axis (D); determining a target value of the resulting imbalance momentum of the mobile body about said axis (D) which corresponds to a predetermined divergence between a first longitudinal main axis of inertia of said mobile body and said axis (D); rotating said mobile body about said axis (D) at a predetermined speed and measuring the resulting imbalance momentum relative to said axis (D); and adjusting the value of the resulting imbalance momentum of said mobile body about said axis (D) to within a given predetermined tolerance relative to said target value wherein said adjustment is carried out by machining on either side of a median plane (P) comprising the two secondary axes of inertia of said mobile body.



No. of Pages: 27 No. of Claims: 31

(21) Application No.3509/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A HAND-HELD BASED IMAGING SYSTEM FOR DIAGNOSTIC IMAGING

(51) International classification	:G03H	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Samsung R & D Institute India- Bangalore Private
(32) Priority Date	:NA	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, Doddanekundi
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)Praveen Pankajakshan
Filing Date	:NA	2)Sandipan Chakroborty
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Embodiments herein provide an imaging system and method to record an image of an object. The imaging system includes a housing facility, a light source, a pinhole aperture to collimate light, a phase plate to create donut-shaped illumination, a beam-splitter cube to partially reflect and transmit the light, a diffraction mirror to produce a reference beam, a head strap to fix the optical adapter on to the object and a rechargeable battery pack. The method includes capturing a series of holograms by powering the light source to illuminate light on to the object. Further, the method includes extracting interference pattern of the object from the series of holograms. Further, the method includes processing the interference pattern to record the images of the object in the imaging system. FIG. 1

No. of Pages: 52 No. of Claims: 22

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

## (54) Title of the invention: MAGNETIC NANOPARTICLE SAMIRNA COMPLEX AND METHOD FOR PREPARING SAME

(51) International classification :A61K9/16,A61K47/48,A61K31/7105

(31) Priority Document No :1020120005675 (32) Priority Date :18/01/2012

(33) Name of priority :Republic of Korea

country ... Republic of Rolea

(86) International Application No :PCT/KR2013/000360

Filing Date :17/01/2013

(87) International Publication No :WO 2013/109057

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

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

1)BIONEER CORPORATION

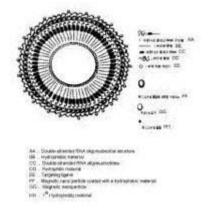
Address of Applicant :8 11 Moonpyungseo ro Daeduck gu

Daejeon 306 220 Republic of Korea

(72)Name of Inventor:
1)CHAE Jeiwook
2)CHUNG Hyunjin
3)LEE Boreum
4)PARK Han Oh

### (57) Abstract:

The present invention relates to a SAMiRNA magnetic nanoparticle complex capable of efficiently delivering double stranded RNA oligonucleotides and magnetic nanoparticle to cells and to a composition comprising the SAMiRNA magnetic nanoparticle complex capable of both diagnosing and treating diseases such as cancer. More particularly the present invention relates to a SAMiRNA magnetic nanoparticle complex wherein a double stranded RNA oligonucleotide polymer structure in which double stranded RNA oligonucleotides and a hydrophilic material and a second hydrophobic material are connected by a simple covalent bond or a linker mediated covalent bond and a magnetic nanoparticle in which a first hydrophobic material is bonded to the surface of a magnetic material are formed into a core. The first hydrophobic material of the present invention performs a hydrophobic interaction with the second hydrophobic material of the double stranded RNA oligonucleotide structure so as to form SAMiRNA magnetic nanoparticle complexes having a uniform size. In addition the hydrophilic material and the second hydrophobic material bonded in the double stranded RNA oligonucleotide structure may improve in vivo stability of the double stranded RNA oligonucleotides. A ligand which is additionally bonded to the structure may deliver a SAMiRNA magnetic nanoparticle complex to a target cell even when a small amount of the ligand is applied and a magnetic material of the magnetic nanoparticle may be used as an imaging agent for diagnosis.



No. of Pages: 67 No. of Claims: 35

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: PLANT DISEASE CONTROL AGENT

(51) International classification	:A01N43/36	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SDS Biotech K. K.
(32) Priority Date	:NA	Address of Applicant :1 5 Higashi Nihombashi 1 chome Chuo
(33) Name of priority country	:NA	ku Tokyo 1030004 Japan
(86) International Application No	:PCT/JP2011/079819	(72)Name of Inventor:
Filing Date	:22/12/2011	1)TANAKA Keijitsu
(87) International Publication No	:WO 2013/094055	2)AMAKI Yusuke
(61) Patent of Addition to Application	:NA	3)TANAKA Motoki
Number	:NA	4)MIYAZAKI Mutsumi
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention is: a plant disease control agent containing as an active ingredient a compound represented by formula (1) (in the formula R and R represent a hydrogen atom or a methyl group with the exclusion of cases where R and R would be identical) or a salt thereof; a plant disease control method for applying the plant disease control agent to a diseased plant; and a novel compound represented by formula (1) or a salt thereof.

No. of Pages: 36 No. of Claims: 9

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

# (54) Title of the invention: FILTER WITH SHIELDED INTERNAL GASKET

(51) International :F01M11/03,B01D27/08,B01D35/00 classification (31) Priority Document No :61/602323 (32) Priority Date :23/02/2012 (33) Name of priority :U.S.A. country (86) International :PCT/US2013/027321 Application No :22/02/2013 Filing Date

:NA

(87) International Publication: WO 2013/126700

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

(71)Name of Applicant:

1) CUMMINS FILTRATION IP INC.

Address of Applicant: 1400 73rd Avenue NE Minneapolis MN

55432 U.S.A.

(72)Name of Inventor:

1)HAWKINS Charles W.

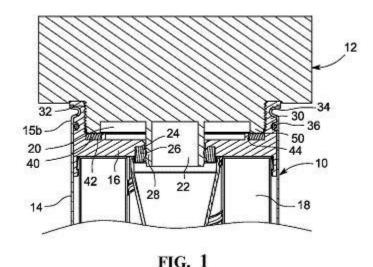
2)BAGCI Ismail C.

3)AMIRKHANIAN Hendrik

#### (57) Abstract:

Filing Date

A spin on fluid filter with improved attachment and sealing with the filter head. The filter has a gasket positioned at the end of threads used to connect the filter to a filter head. The described design protects the gasket from excessive engine heat cut or tear damage during installation and the roll out effect of installation torque. In addition the described attachment provides gasket protection and uniform compression of the gasket. The gasket can be any type that provides a seal which keeps external threads on the filter and the filter head dry.



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

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: DISPOSABLE ABSORBENT ARTICLE

(51) International classification :A61F13/15,A61F13/472,A61F13/534

(31) Priority Document No :2012009450 (32) Priority Date :19/01/2012

(33) Name of priority country :Japan

(86) International

Application No :PCT/JP2013/050889

Filing Date :18/01/2013

(87) International Publication No :WO 2013/108864

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

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

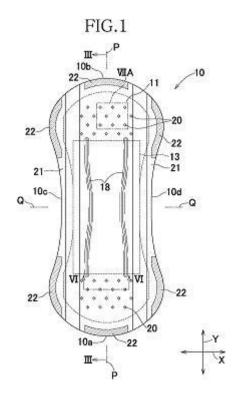
1)UNICHARM CORPORATION

Address of Applicant :182 Shimobun Kinsei cho Shikokuchuo

shi Ehime 7990111 Japan (72)Name of Inventor: 1)NAKAO Hitomi 2)NAKAJIMA Kaiyo

### (57) Abstract:

Provided is a disposable absorbent article at least a portion of which can be formed to be relatively thin without reduction of liquid absorbency while flexibility is secured. In this absorbent article at at least either the first end region (16) or the second end region (17) multiple first compressed recesses (20) that sink in from the front surface side towards the back surface side and extend to the absorption layer (13) and multiple second compressed recesses (37) that sink in from the back surface side of the absorption layer (13) towards the front surface side are disposed at a distance from each other in the longitudinal direction (Y) and the transverse direction (X). Some of the first compressed recesses (20) and some of the second compressed recesses (37) are positioned so as to overlap each other in the thickness direction (Z).



No. of Pages: 51 No. of Claims: 10

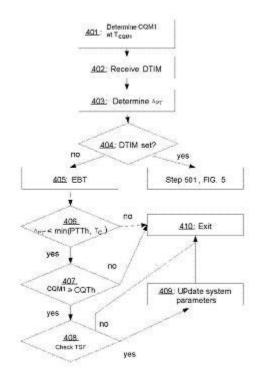
(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

# (54) Title of the invention : SYSTEM AND METHOD FOR INFORMATION VALIDATION BASED ON CHANNEL AWARENESS

(31) Priority Document No (32) Priority Date	:H04L1/00,H04L1/20,H04W52/02 :61/595562 :06/02/2012	1)QUALCOMM INCORPORATED Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:PCT/US2013/023501 :28/01/2013 :WO 2013/119409	(72)Name of Inventor: 1)HOMCHAUDHURI Sandip 2)FREDERIKS Guido Robert 3)HIREMATH Geeta
No (61) Patent of Addition to Application Number Filing Date	:NA :NA	4)CHO James S. 5)RAISSINIA Alireza 6)VAN NEE Didier Johannes Richard
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

This disclosure describes techniques for operating a client device to communicate with a wireless access point to validate data within a frame by comparing channel quality metrics and duration metrics to thresholds. Information received within a validity window may be treated as correctly received even if the frame fails a subsequent verification process or if reception of the frame is terminated prior to the end of the frame.



No. of Pages: 54 No. of Claims: 30

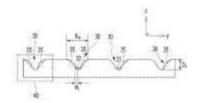
(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: ELECTRIC MATTRESS AND METHOD FOR MANUFACTURING SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:15/11/2012 :WO 2013/100353 :NA :NA	(71)Name of Applicant:  1)POSCO  Address of Applicant:(Goedong dong) 6261 Donghaean ro  Nam gu Pohang si Gyeongsangbuk do 790 300 Republic of Korea (72)Name of Inventor:  1)KWON Oh Yeoul  2)LEE Won Gul  3)HAN Chan Hee  4)PARK Hyun Chul
1 (01110-01	:NA :NA :NA	4)1 Tikik Tiyun Chui

#### (57) Abstract:

Provided is a method for manufacturing an electric mattress. The method for manufacturing the electric mattress includes: a step of melting the surface of a steel plate by irradiating a laser beam to form a groove having first and second side surfaces and a bottom surface; and a step of air blow or suction molding the steel plate byproduct formed on the first and second side surfaces and the bottom surface of the groove in the groove formation step to form an opening part through which at least one surface of the first and second side surfaces and the bottom surface is exposed.



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

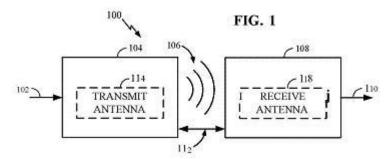
(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

# (54) Title of the invention : METHODS AND APPARATUS FOR SECURE UPDATES TO PERSISTENT DATA IN A NEAR FIELD COMMUNICATION CONTROLLER

(51) International classification :H04W12/00,H04L29/06 (71)Name of Applicant : (31) Priority Document No :61/598099 1)OUALCOMM INCORPORATED (32) Priority Date :13/02/2012 Address of Applicant : Attn: International IP Administration (33) Name of priority country 5775 Morehouse Drive San Diego California 92121 U.S.A. :U.S.A. (86) International Application No :PCT/US2013/025773 (72) Name of Inventor: Filing Date :12/02/2013 1)BHATIA Neeraj (87) International Publication No :WO 2013/122956 2)ODONOGHUE Jeremy R. (61) Patent of Addition to Application 3)HAVERINEN Anssi Kaleva :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

Disclosed are methods apparatus systems computer program products and other implementations including a method that includes determining a source from which routing table information is to be obtained based at least in part on location data indicating the source and receiving configuration information from a device host (DH). The method also includes removing DH based routing table information included in the configuration information in response to the location data indicating that a near field communication controller (NFCC) is configured to receive the routing table information from one or more secure computing environments or from the DH and obtaining secure routing table information from at least one of the one or more secure computing environments.



No. of Pages: 51 No. of Claims: 48

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

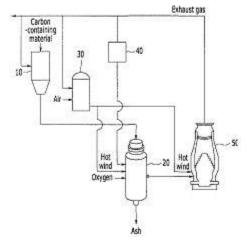
# (54) Title of the invention : MOLTEN IRON MANUFACTURING APPARATUS AND MOLTEN IRON MANUFACTURING METHOD

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:C21B11/00 :1020110140624 :22/12/2011 :Republic of Korea :PCT/KR2012/008251 :11/10/2012 :WO 2013/094864 :NA :NA	(71)Name of Applicant:  1)POSCO  Address of Applicant:(Goedong dong) 6261 Donghaean ro  Nam gu Pohang si Gyeongsangbuk do 790 300 Republic of Korea (72)Name of Inventor:  1)KIM Jung II
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Disclosed are a molten iron manufacturing apparatus and a molten iron manufacturing method. The molten iron manufacturing apparatus according to the present invention comprises: a drying device which dries a material containing carbon using exhaust gas discharged in the steelmaking process; a gasification furnace which charges the dried material containing carbon through a conduit connected to the drying device and then produces reduction gas by combusting the material containing carbon using high temperature hot wind or oxygen; and a molten iron furnace which is connected to the gasification furnace through the conduit and manufactures molten iron by charging iron ore or reduction iron into the furnace and taking in the reduction gas through an injector.

FIG. 1



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

(21) Application No.5523/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: THERMAL CONDUCTION ENHANCER

(51) International classification	:C09K5/08,C01F5/20,C01F5/22	(71)Name of Applicant:
(31) Priority Document No	:2012009583	1)KYOWA CHEMICAL INDUSTRY CO. LTD.
(32) Priority Date	:20/01/2012	Address of Applicant :305 Yashimanishimachi Takamatsu shi
(33) Name of priority country	:Japan	Kagawa 7610113 Japan
(86) International Application No	:PCT/JP2013/051514	2)SEA WATER CHEMICAL INSTITUTE INC.
Filing Date	:18/01/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2013/108937	1)MANABE Hitoshi
(61) Patent of Addition to	:NA	2)KUDO Daisuke
Application Number	:NA	3)OOHORI Kohei
Filing Date	.NA	4)MIYATA Shigeo
(62) Divisional to Application	:NA	_
Number	:NA	
Filing Date	.IVA	

## (57) Abstract:

The aim of the present invention lies in providing a thermal conduction enhancer which can impart a high level of thermal conduction to a resin. The thermal conduction enhancer according to the present invention comprises as the effective component magnesium hydroxide particles having a thickness of 10 nm to  $0.2 \text{ }\mu\text{m}$  and an aspect ratio (major axis/thickness) measured by SEM of at least 10.

No. of Pages: 26 No. of Claims: 14

(19) INDIA

(22) Date of filing of Application: 17/07/2014

## (21) Application No.5524/CHENP/2014 A

(43) Publication Date: 04/03/2016

### (54) Title of the invention: LAMINATED FILM

(51) International :B32B27/36,B32B27/00,B32B27/40 classification

(31) Priority Document No :2011279465 (32) Priority Date :21/12/2011

(33) Name of priority country: Japan

(86) International Application :PCT/JP2012/082509

:14/12/2012 Filing Date

(87) International Publication :WO 2013/094532

(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)TORAY INDUSTRIES INC.

Address of Applicant: 1 1 Nihonbashi Muromachi 2 chome

Chuo ku Tokyo 1038666 Japan

(72) Name of Inventor:

1)SONODA Kazumori

2)OSADA Svunichi

3)MIMURA Takashi

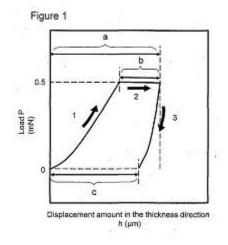
4)MASUDA Yoshihiro 5)MIWA Norifumi

6)KIRIMOTO Takayoshi

7)OZEKI Ippei

(57) Abstract:

Provided is a polyester laminated film which exhibits excellent scratch recovery and contamination resistance and is applied to molding uses. A laminated film having a layer (A) on at least one side of a base film wherein the resin contained in the layer (A) has a (poly)caprolactone segment (1) and a urethane bond (2) and in a measurement using a microhardness gauge the maximum displacement amount in the thickness direction of the layer (A) is between 1.0 and 3.0 µm and the creep displacement amount in the thickness direction of the layer (A) is between 0.2 and 0.5 µm when a load of 0.5 mN is applied for 10 seconds and the permanent displacement amount in the thickness direction of the layer (A) is between 0.3 and 0.65 µm when the load was released to 0 mN.



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

(21) Application No.5525/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

# (54) Title of the invention: PROCESS FOR PREPARING N ALKYL(METH)ACRYLAMIDES

(51) International :C07C231/02,C07C233/09,C08F220/56 classification

:21/12/2011

:20/11/2012

:NA

:NA

:NA

:Germany

:102011089363.6

:PCT/EP2012/073115

(31) Priority Document

(32) Priority Date

(33) Name of priority country

(86) International Application No

Filing Date

(87) International Publication No

:WO 2013/092076 (61) Patent of Addition to :NA

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

**Application Number** Filing Date

(71)Name of Applicant: 1)EVONIK R-HM GMBH

Address of Applicant : Kirschenallee 64293 Darmstadt

Germany

(72)Name of Inventor: 1)BR-LL Dirk

2)LAUX Benedikt 3)MAUL Christian 4)PETER Patrick

5)ZIMMER Claus

(57) Abstract:

The invention relates to a process for preparing N alkyl(meth)acrylamides by reaction of (meth)acrylic anhydride with corresponding alkylamines.

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

:NA

(21) Application No.5526/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : METHOD FOR PREPARING A CATALYST USABLE IN HYDROCONVERSION AND INCLUDING AT LEAST ONE NU 86 ZEOLITE

(51) International classification: B01J29/76,B01J37/02,C10G47/20 (71) Name of Applicant: (31) Priority Document No :11/04.023 1)IFP Energies nouvelles (32) Priority Date :22/12/2011 Address of Applicant: 1 et 4 avenue de Bois Prau 92852 Rueil (33) Name of priority country Malmaison Cedex France :France (72) Name of Inventor: (86) International Application :PCT/FR2012/000482 1)BONDUELLE Audrev :23/11/2012 2) GUILLON Emmanuelle Filing Date (87) International Publication 3)ROY AUBERGER Magalie :WO 2013/093226 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

## (57) Abstract:

Filing Date

Number

The invention relates to a method for preparing a catalyst including at least: a) preparing a support including 0.2 to 30 wt % of an NU 86 zeolite and 70 to 99.8 wt % of a porous inorganic matrix the weight percentages being expressed relative to the total weight of said support; b) at least a step of impregnating said substrate prepared according to step a) with at least one solution containing at least one precursor of at least one metal selected from the group consisting of Group VIII and Group VIB metals alone or in a mixture; c) at least an aging step; and d) at least a drying step carried out at a temperature of less than 150°C without a subsequent calcining step. The present invention also relates to a method for hydrocracking hydrocarbon feedstocks using the catalyst prepared in accordance with said preparation method of the invention.

No. of Pages: 36 No. of Claims: 14

(21) Application No.5527/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : METHOD FOR THE IMPROVED SEPARATION OF A HYDROPHOBIC ORGANIC SOLUTION FROM AN AQUEOUS CULTURE MEDIUM

(51) International classification :C12P7/62,C12N15/52
(31) Priority Document No :11195221.4
(32) Priority Date :22/12/2011
(33) Name of priority country :EPO

(86) International Application No :PCT/EP2012/075889 Filing Date :18/12/2012

(87) International Publication No :WO 2013/092547

(61) Patent of Addition to Application
Number

Filing Date
:NA

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

(71)Name of Applicant:

1)EVONIK INDUSTRIES AG

Address of Applicant :Rellinghauser Strae 1 11 45128 Essen

Germany

(72) Name of Inventor:

1)HENNEMANN Hans Georg

2)SCHAFFER Steffen

3)WESSEL Mirja

4)HAAS Thomas

5)GIELEN Jasmin 6)BERSE Katharina

7)HAFKEMEYER Sabine

8)P-TTER Markus

9)ERHARDT Frank

10)SCHIEBELHUT Marion

### (57) Abstract:

The invention relates to a method for the improved separation of a hydrophobic organic solution from an aqueous culture medium comprising the steps of providing an aqueous culture medium comprising a metabolically active cell contacting the aqueous culture medium with a hydrophobic organic solution and separating the hydrophobic organic solution from the aqueous culture medium wherein the cell has an activity of at least one enzyme that is reduced compared to the wild type of the cell which enzyme catalyzes one of the reactions of the oxidation of fatty acids. The invention further relates to the use of a metabolically active cell having an activity of an enzyme that is reduced compared to the wild type of said cell which enzyme catalyzes one of the reactions of the oxidation of fatty acids preferably an enzyme selected from the group comprising FadA FadB FadD FadL and FadE and variants thereof preferably FadE or a variant thereof for the improved separation of a hydrophobic organic solution from an aqueous culture medium comprising the metabolically active cell.

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

(21) Application No.2835/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A POINT ABSORBER APPARATUS FOR WAVE ENERGY EXTRACTION

(51) International classification :F03I	B (71)Name of Applicant :
(31) Priority Document No :NA	1)INDIAN INSTITUTE OF TECHNOLOGY
(32) Priority Date :NA	Address of Applicant :IIT P.O., CHENNAI - 600 036 Tamil
(33) Name of priority country :NA	Nadu India
(86) International Application No :NA	(72)Name of Inventor:
Filing Date :NA	1)ABDUS SAMAD
(87) International Publication No : NA	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

## (57) Abstract:

ABSTRACT THE PRESENT INVENTION RELATES TO AN APPARATUS TO CONVERT BIDIRECTIONAL LINEAR MOTION TO UNIDIRECTIONAL ROTARY MOTION.

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

(21) Application No.3510/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: PREPARATION OF APIXABAN

(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. Reddy <sup>TM</sup> s Laboratories Limited Address of Applicant:8-2-337, Road No. 3, Banjara hills, Hyderabad, Telangana, India. Telangana India (72)Name of Inventor:  1)Praveen Cherukupally 2)Soma Rani Sarkar 3)Bhimavarapu Srinivasa Reddy 4)Kongari Purushotham 5)Chaganti Sridhar 6)Babu Ireni 7)Vakamudi sree naga venkata laxmi Varaprasad
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## (57) Abstract:

The present application relates to processes for preparation of Apixaban and intermediates thereof.

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

(21) Application No.3512/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : A PROCESS FOR PREPARING THE TAP HOLE CLAY FOR PLUGGING THE TAP HOLE OF BLAST FURNACE AND A TAP HOLE CLAY THEREOF

(51) International classification	:C10C1/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Rashtriya Ispat Nigam Limited
(32) Priority Date	:NA	Address of Applicant : A Government of India Undertaking,
(33) Name of priority country	:NA	VSP, Visakhapatnam, Andhra Pradesh, India-530031 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)R. Sivakumar
(61) Patent of Addition to Application Number	:NA	2)Baisakhi Shetia
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Tap hole clay is used in blast furnace for closing tap hole. It is a mixture of six to seven ingredients. The clay contains coke, resin, pitch and wash oil apart from bauxite, silicon carbide, plastic clay. These raw materials are mixed together in muller mixer and used in blast furnace for tap hole closing. Tar is a valuable byproduct of coke oven plant. The flue gas generated in coke oven is treated with flushing liquor Ammonia, to extract tar from the flue gas which gets deposited in the Tar Decanter. This tar decanter sludge contains some solid particle along with carbon, silicon, some volatile matters and oil with moderately good binding properties. Thus, the tar decanter sludge is used for the preparation of tap hole clay.

No. of Pages: 22 No. of Claims: 24

(21) Application No.3513/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : A PROCESS FOR PREPARINGTHE TAP HOLE MASS FOR PLUGGING THE TAP HOLE OF BLAST FURNACEAND A TAP HOLE MASS THEREOF

(51) International classification (31) Priority Document No	:C04B35/00 :NA	(71)Name of Applicant: 1)Rashtriya Ispat Nigam Limited
(32) Priority Date	:NA	Address of Applicant : A Government of India Undertaking,
(33) Name of priority country	:NA	VSP, Visakhapatnam, Andhra Pradesh, India-530031 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)R. Sivakumar
(61) Patent of Addition to Application Number	:NA	2)K. Dolui
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Tap hole masses are unshaped refractories which are used to plug the tap hole of a Blast Furnace. Different high temperature oxide based refractories are used in iron making and steelmaking processes and after a certain period of operation these refractory linings are broken down and discarded. These waste refractories are basically alumina, silica, magnesia, zirconia and carbon based. Huge generation of waste refractories creates storage problem and pollutes the environment. These waste refractories can be reused and recycled after proper processing. These wastes are used for the manufacture of tap hole mass along with other filler, binder and additive materials.

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

(21) Application No.5540/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

## (54) Title of the invention: ENGINEERED SURFACE FOR PROVIDING LOW FRICTION AND IMPROVED COMFORT ON DEVICES THAT CONTACT THE SKIN OR OTHER EXTERNAL TISSUE OF THE USER

(51) International

:B29C37/00,A61F11/14,A61M1/06

classification

:61/586865

(31) Priority Document No (32) Priority Date

:16/01/2012

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

(86) International Application

:PCT/IB2013/050190

No

Filing Date

:09/01/2013

(87) International Publication :WO 2013/108154

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

(62) Divisional to Application

:NA Number Filing Date

:NA Filing Date

:NA

(71)Name of Applicant:

1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands

(72) Name of Inventor:

1) HENDRIKS Cornelis Petrus 2) VONCKEN Rudolf Maria Jozef

3)POTZE Willem

4)WILLARD Nicolaas Petrus

5)VAN ZANTEN Joyce

6)KLEE Mareike

## (57) Abstract:

An apparatus structured to contact external tissue such as skin of a user includes an elastomeric contacting portion that is structured to directly engage the external tissue. The contacting portion has an engineered surface (64A 64B) that includes a plurality of non random predesigned surface features (70 74B 76B 78B) designed to reduce friction and improve user comfort. In one implementation the pitch (P) between each immediately adjacent pair of the surface features (70 76B) is less than or equal to a predetermined maximum pitch value and the height (H) of each of the surface features (70 76B) is less than or equal to a predetermined maximum height value.

No. of Pages: 30 No. of Claims: 17

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: IMAGING APPARATUS

	(71)Name of Applicant:
:G06T7/00,A61B18/14	1)KONINKLIJKE PHILIPS N.V.
:61/586860	Address of Applicant :High Tech Campus 5 NL 5656 AE
:16/01/2012	Eindhoven Netherlands
:U.S.A.	(72)Name of Inventor:
:PCT/IB2013/050385	1)HENDRIKS Bernardus Hendrikus Wilhelmus
:16/01/2013	2)RUERS Theodoor Jacques Marie
:WO 2013/108182	3)VAN DEN BERG DAMS Susanne Dorien
·NIA	4)NOORDHOEK Nicolaas Jan
	5)HOMAN Robert Johannes Frederik
:NA	6)NACHABE Rami
:NA	7)LUCASSEN Gerhardus Wilhelmus
:NA	8)BIERHOFF Waltherus Cornelis Jozef
	9)VAN DER VOORT Marjolein
	:61/586860 :16/01/2012 :U.S.A. :PCT/IB2013/050385 :16/01/2013 :WO 2013/108182 :NA :NA

## (57) Abstract:

The invention relates to an imaging apparatus (1). First and second image providing units (2 9) provide a first image showing a region of an object which includes a resection part to be resected and a second image showing the region of the object after the resection procedure has been performed or showing a resected part which has been resected. A smallest margin determination unit (13) determines a smallest margin region being a region where a margin between the resection part and the resected part is smallest based on the first and second images. The smallest margin region is the region which most likely contains a part of the object which should have been resected like a cancerous part. An optionally following investigation of the resected part or of the remaining object can be more focused by considering this region thereby allowing for faster corresponding assessing procedures.

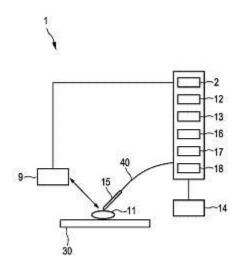


FIG. 1

No. of Pages: 37 No. of Claims: 15

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: ONLINE GAME BASED BEHAVIORAL DATA GATHERING AND ANALYSIS SYSTEM

(51) International classification (31) Priority Document No	:G06F3/00 :NA	(71)Name of Applicant: 1)MR. RAJESH KUMAR AGARWAL
(32) Priority Date	:NA	Address of Applicant :# 896, 2ND FLOOR, 7TH A MAIN,
(33) Name of priority country	:NA	KORAMANGALA 1ST BLOCK, BANGALORE - 560 034
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR. RAJESH KUMAR AGARWAL
(61) Patent of Addition to Application Number	:NA	2)MR. ANUBHAB BANDYOPADHYAY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

ABSTRACT This invention details a software implemented method and system for automatically gathering data in the form of user input provided through keyboard, mouse, webcam and track-pad and storing it in various STATE\_PARAMETERs. These STATE\_PARAMETERs are then used in congruence to rate candidates over a relative scale ranging from -5 to +5 where -5 represents one extreme of a behavioral attribute (not necessarily negative in absolute terms) and +5 represents the other extreme ( not necessarily positive in absolute terms). This invention tries to capture game-players intuition and instinctive reactions during game-play and quantify the same through an elaborate analysis.

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

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

# (54) Title of the invention : AUTHORIZED AND AUTOMATIC DATA RETRIEVAL FROM MULITPLE SECURED DATA SOURCES

(74)	G0 (F24 (00	
(51) International classification	:G06F21/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MR. RAJESH KUMAR AGARWAL
(32) Priority Date	:NA	Address of Applicant :# 896, 2ND FLOOR, 7TH A MAIN,
(33) Name of priority country	:NA	KORAMANGALA 1ST BLOCK, BANGALORE - 560 034
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR. RAJESH KUMAR AGARWAL
(61) Patent of Addition to Application Number	:NA	2)MR. KISHOR KUMAR B
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

ABSTRACT This invention details a software implemented method and system for user authorized and automatic retrieval of user related data from multiple password protected data sources by a server with an explicit authorization by user in form of one time password or a secret key. The user provides access credentials at a client device for each of multiple secured sources. The user either also provides a secret code or configures the settings to request one time password for retrieval. The server transforms the access credentials and sends a set of cookies to be stored on clients machine in an unreadable format. The transformed access credentials in the unreadable format are stored locally on the client device, only the secret code is stored on the server. If a valid secret code is provided, a communicating software agent on the client device communicates the stored cookies to the web server. The web server transforms the communicated cookies and extracts access credentials to a readable format using the private key and the secret code, the readable access credentials are used to access and retrieve the user related data by accessing the secured data sources.

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

(21) Application No.5550/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

## (54) Title of the invention: CONTROLLED LED LIGHT OUTPUT BY SELECTIVE AREA ROUGHENING

:H01L33/00,H01L33/22 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)KONINKLIJKE PHILIPS N.V. :61/584836 (32) Priority Date :10/01/2012 Address of Applicant : High Tech Campus 5 NL 5656 AE (33) Name of priority country Eindhoven Netherlands :U.S.A. (86) International Application No :PCT/IB2013/050055 (72)Name of Inventor: 1)BENEDICT Maciej Filing Date :03/01/2013 (87) International Publication No :WO 2013/105004 2)MARTIN Paul S. (61) Patent of Addition to Application 3)KHARAS Boris :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

### (57) Abstract:

The surface of a light emitting device is roughened to enhance the light extraction efficiency of the surface but the amount of roughened area is selected to achieve a desired level of light extraction efficiency. Photo lithographic techniques may be used to create a mask that limits the roughening to select areas of the light emitting surface. Because the amount of roughened area can be precisely controlled the light extraction efficiency can be precisely controlled substantially independent of the particular process used to roughen the surface. Additionally the selective roughening of the surface may be used to achieve a desired light emission output pattern.

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

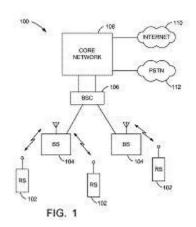
(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: METHOD AND APPARATUS FOR GENERATING A PRIVILEGE BASED KEY

(51) International classification	:H04L9/08	(71)Name of Applicant:
(31) Priority Document No	:13/350661	1)QUALCOMM INCORPORATED
(32) Priority Date	:13/01/2012	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 U.S.A.
(86) International Application No	:PCT/US2013/021344	(72)Name of Inventor:
Filing Date	:12/01/2013	1)MCLEAN Ivan Hugh
(87) International Publication No	:WO 2013/106798	2)LUNDBLADE Laurence G.
(61) Patent of Addition to Application	:NA	3)KELLEY Brian Harold
Number	:NA	4)WALKER Robert G.
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Disclosed is a method for generating a privilege based key using a computer. In the method a privilege is received from an application and verified as being associated with the application. The computer cryptographically generates a second key using a first key and the privilege. The second key is provided to the application.



No. of Pages: 20 No. of Claims: 40

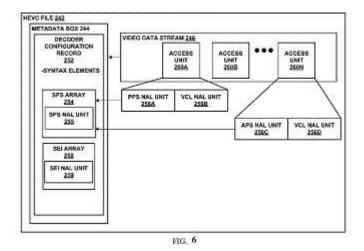
(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

# (54) Title of the invention: METHOD OF CODING VIDEO AND STORING VIDEO CONTENT

(51) International classification	:H04N7/26	(71)Name of Applicant:
(31) Priority Document No	:61/592462	1)QUALCOMM INCORPORATED
(32) Priority Date	:30/01/2012	Address of Applicant :ATTN: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2013/023867	(72)Name of Inventor:
Filing Date	:30/01/2013	1)WANG Ye Kui
(87) International Publication No	:WO 2013/116348	2)CHEN Ying
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A device comprising a video file creation module is configured to obtain a plurality of slices of coded video content. Parameter sets are associated with the coded video content. The video creation module encapsulates the plurality of slices of coded video content within one or more access units of a video stream. A first type of parameter set may be encapsulated within one or more access units of the video stream. A second type of parameter set may be encapsulated within a sample description. The sample description may include an indicator identifying a number of parameter sets stored within one or more access units of the video stream.



No. of Pages: 71 No. of Claims: 80

(22) Date of filing of Application :29/11/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A NON-DESTRUCTIVE METHOD TO IDENTIFY USED SYRINGES

(51) Intermedicual algorification	.C10C	(71) Nome of Ameliant.
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS
(32) Priority Date	:NA	Address of Applicant :IIT P.O, CHENNAI - 600 036 Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR ASOKAN THONDIYATH
(87) International Publication No	: NA	2)BINESH BABU
(61) Patent of Addition to Application Number	:NA	3)SIVA SAI NAGENDER VASIREDDY
Filing Date	:NA	4)AGARWAL HARSIT SANTHOSH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract:

The present invention relates to a non-destructive method to identify used syringes. The identification of used syringes provides a way to prevent their re-use.

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

(21) Application No.5188/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/12/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A METHOD OF PREPARING PALLADIUM DENDRITES ON CARBON PAPER

(51) International classification :H	O1R (71)Name of Applicant :
(31) Priority Document No :N	A 1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS
(32) Priority Date :N	A Address of Applicant :IIT P.O., CHENNAI - 600 036 Tamil
(33) Name of priority country :N	A Nadu India
(86) International Application No :N	A (72)Name of Inventor:
Filing Date :N	A 1)RAGHURAM CHETTY
(87) International Publication No : N	A 2)KRANTHI KUMAR MANIAM
(61) Patent of Addition to Application Number :N	A
Filing Date :N	A
(62) Divisional to Application Number :N	A
Filing Date :N	A

<sup>(57)</sup> Abstract:

No. of Pages: 20 No. of Claims: 10

The present invention relates to a method of preparing palladium dendrites on carbon paper.

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

## (54) Title of the invention: SUPPLEMENTAL DEVICE FOR ATTACHMENT TO AN INJECTION DEVICE

(51) International classification :A61M5/24,A61M5/315,G06F19/00

(31) Priority Document No :12155202.0 (32) Priority Date :13/02/2012

(33) Name of priority country: EPO

(86) International Application :PCT/EP2013/052509

No :08/02/2013 Filing Date

(87) International Publication :WO 2013/120777

No

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

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

(71)Name of Applicant:

1)SANOFI AVENTIS DEUTSCHLAND GMBH

Address of Applicant :Br¼ningstrasse 50 65929 Frankfurt am

Main Germany

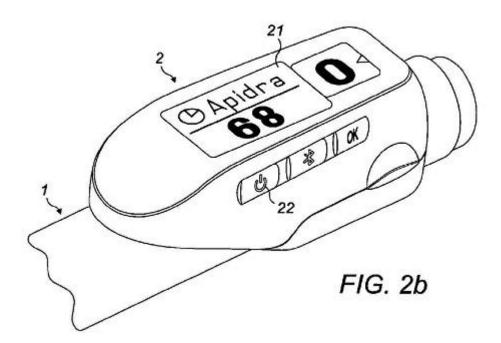
(72)Name of Inventor:

1)ALLERDINGS Alexander 2)MUELLER PATHLE Stephan

3)BARAN Andr 4)BEHRENDT Kay

## (57) Abstract:

A supplemental device (2) for attachment to an injection device (1) comprises: a display (21); a processor arrangement (24); a dose dialled detector (25) operable to detect a dose of medicament dialled into an attached injection device (1); a dose delivery determiner (27) for determining that a dose of medicament has been delivered (24 25); a quantity determiner determining a quantity of medicament that has been delivered; and a clock configured to determine a current time. The processor arrangement (24) is configured when the supplemental device is in a default mode to display both a quantity of medicament that was delivered since a last dose and a time elapsed since delivery of the last dose.



No. of Pages: 60 No. of Claims: 16

(21) Application No.5556/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

## (54) Title of the invention: MICRO PLUG AND MODIFIED STANDARD MICRO RECEPTACLE

(51) International :H01R13/64,H01R13/6581,H01R13/506 classification

(31) Priority Document :12154775.6

:09/02/2012 (32) Priority Date

(33) Name of priority :EPO

country

(86) International :PCT/EP2013/052592 Application No

:08/02/2013 Filing Date

(87) International :WO 2013/117724 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 AVENTIS DEUTSCHLAND GMBH

Address of Applicant: Br<sup>1</sup>/4ningstrae 50 65929 Frankfurt am

Main Germany

(72)Name of Inventor:

1)NESSEL Christian

2)EGGERT Ilona

3) CASPERS Michael

#### (57) Abstract:

The present patent application inter alia relates to a micro plug and a modified standard micro receptacle. The modified standard micro receptacle comprises a housing at least two contact terminals attached to a surface of a bar of the housing a shield attached to the housing and at least partially laterally enclosing the at least two contact terminals and the bar of the housing and at least one projection configured to be received in a recess of a corresponding micro plug when the micro plug is correctly inserted into the modified standard micro receptacle. Therein the at least one projection is further configured to hinder an insertion of a standard micro plug into the modified standard micro receptacle.

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

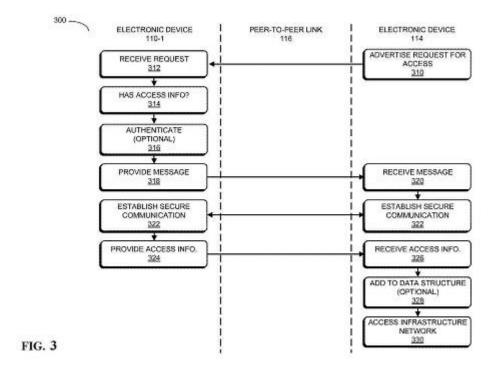
(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: SHARED NETWORK ACCESS VIA A PEER TO PEER LINK

:H04W48/08,H04W88/04	(71)Name of Applicant:
:61/604037	1)APPLE INC.
:28/02/2012	Address of Applicant :1 Infinite Loop Cupertino CA 95014
:U.S.A.	U.S.A.
:PCT/US2013/027879	(72)Name of Inventor:
:27/02/2013	1)THOMAS Tito
:WO 2013/130502	2)DOMINGUEZ Charles F.
·NA	3)WOLF Andreas
.IVA	
:NA	
:NA	
	:61/604037 :28/02/2012 :U.S.A. :PCT/US2013/027879 :27/02/2013 :WO 2013/130502 :NA :NA

### (57) Abstract:

An electronic device receives a request for access to the infrastructure network (and more generally a resource) from the other electronic device via a peer to peer link. In response to the request the electronic device determines that it has access to the infrastructure network and provides a response to the other electronic device via the peer to peer link indicating that the electronic device has access to the infrastructure network. Then the electronic device establishes secure communication with the other electronic device and provides access information to the other electronic device via the peer to peer link using the secure communication. This access information facilitates access to the infrastructure network.



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

(21) Application No.5558/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: BULB SOCKET AND LIGHTING SYSTEM

(51) International classification	:H01R33/09	(71)Name of Applicant:
(31) Priority Document No	:2012013939	1)YAZAKI CORPORATION
(32) Priority Date	:26/01/2012	Address of Applicant :4 28 Mita 1 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088333 Japan
(86) International Application No	:PCT/JP2013/000315	(72)Name of Inventor:
Filing Date	:23/01/2013	1)YAMANAKA Hideki
(87) International Publication No	:WO 2013/111581	2)MURATA Atsuro
(61) Patent of Addition to Application	:NA	3)KONISHI Ryohei
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A bulb socket having a pair of terminal portions (64) of a bus bar (6) is composed of a first terminal portion (64A) extended along a sidewall (25B) (one side wall) of a base portion (22) of a bulb (2) and a second terminal portion (64B) extended along a sidewall (25C) (the other side wall) of the base portion (22). A contact portion (66) provided on a tip of the spring portion (65). The contact portion (66) of the first terminal portion (64A) abuts on a contact lead wire (23) and the contact portion (66) of the second terminal portion (64B) abuts on the side wall (25C) of the base portion (22) thereby the contact portions (66) hold the base portion (22) therebetween. In a natural condition that the bulb 2 is not inserted and the spring portion (65) is not elastically deformed the pair of terminal portions (64) is displaced from a center plane (PI) toward the one side corresponding to a projection size of the contact lead wire (23).

No. of Pages: 22 No. of Claims: 4

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

# (54) Title of the invention : SOLAR POWER CONVERTER AND METHOD OF CONTROLLING SOLAR POWER CONVERSION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G05F1/67 :61/585266 :11/01/2012 :U.S.A. :PCT/IB2013/050093 :04/01/2013 :WO 2013/105008 :NA :NA :NA	(71)Name of Applicant:  1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor:  1)WANG Hongbo 2)XU JianLin 3)CHEN Zhiquan 4)ZHOU Zhenhua
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#### (57) Abstract:

A controller (306) executes a method (400) of controlling a solar power converter (20 300) connected to receive output power from a solar power source (10). The method comprises: measuring (430) an open circuit voltage (VOC) of the solar power source; determining a short circuit current (ISC) output by the solar power source; using (440) the measured open circuit voltage (VOC) and the measured short circuit current (ISC) to determine an estimate of a voltage maximum power point (VMPP) for the solar power source corresponding to a maximum power point (MPP) for transferring the output power from the solar power source to a load; executing (450) a perturb and observe algorithm (500) beginning at the estimated VMPP to determine an actual VMPP for transferring the output power from the solar power source to the load; and operating (470) the solar power converter at or approximately at the actual VMPP.

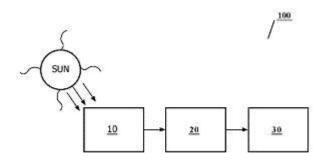


FIG. 1

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

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: ELECTRO CARDIOGRAPH SENSOR MAT.

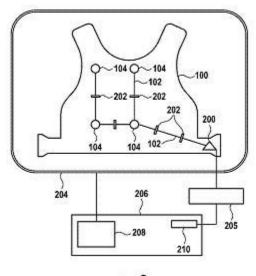
:NA

(51) International classification :A61B5/0408,A61B5/055 (71)Name of Applicant : (31) Priority Document No 1)KONINKLIJKE PHILIPS N.V. :61/584870 (32) Priority Date :10/01/2012 Address of Applicant : Philips Ip & S High Tech Campus 5 NL (33) Name of priority country 5621 BA Eindhoven Netherlands :U.S.A. (72) Name of Inventor: (86) International Application No :PCT/IB2013/050021 1)SMINK Jouke Filing Date :02/01/2013 (87) International Publication No :WO 2013/105002 2) WEISS Steffen (61) Patent of Addition to Application 3)KRUEGER Sascha :NA :NA Filing Date

### (57) Abstract:

Filing Date

The invention relates to an electrocardiograph sensor mat (100) the mat (100) comprising a multitude of electrodes (104) for acquiring cardiac signals and a plug (200) wherein the electrodes (104) are connected to the plug (200) by electric wires (102) wherein the wires (102) are segmented by switches (202) wherein the switches (202) are switchable between a closed state and an open state wherein in the closed state the electrodes (104) are electrically connected to the plug (200) and wherein in the open state the electrodes (104) are electrically isolated from the plug (200).



(62) Divisional to Application Number :NA

FIG. 2

No. of Pages: 18 No. of Claims: 13

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : RESTRICTION OF PREDICTION UNITS IN B SLICES TO UNI DIRECTIONAL INTER PREDICTION

(51) International classification	:H04N7/36,H04N7/26	(71)Name of Applicant :
(31) Priority Document No	:61/596597	1)QUALCOMM INCORPORATED
(32) Priority Date	:08/02/2012	Address of Applicant :ATTN: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2013/025331	(72)Name of Inventor:
Filing Date	:08/02/2013	1)SEREGIN Vadim
(87) International Publication No	:WO 2013/119937	2)WANG Xianglin
(61) Patent of Addition to Application	:NA	3)SOLE ROJALS Joel
Number	:NA	4)COBAN Muhammed Zeyd
Filing Date	.INA	5)KARCZEWICZ Marta
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A video coding device generates a motion vector (MV) candidate list for a prediction unit (PU) of a coding unit (CU) that is partitioned into four equally sized PUs. The video coding device converts a bi directional MV candidate in the MV candidate list into a uni directional MV candidate. In addition the video coding device determines a selected MV candidate in the merge candidate list and generates a predictive video block for the PU based at least in part on one or more reference blocks indicated by motion information specified by the selected MV candidate.

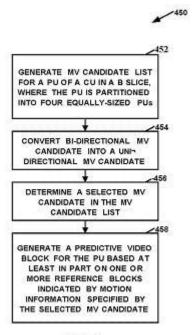


FIG. 9

No. of Pages: 79 No. of Claims: 33

country

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: REDUCING INTERARRIVAL DELAYS IN NETWORK TRAFFIC

(51) International :H04W28/10,H04L29/06,H04L12/801 classification (31) Priority Document No :13/399860

(32) Priority Date :17/02/2012
(33) Name of priority :U.S.A.

(86) International :PCT/US2013/026226

Application No
Filing Date

114/02/2013

(87) International Publication No :WO 2013/123261

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

:NA
:NA
:NA

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

(71)Name of Applicant:

1)APPLE INC.

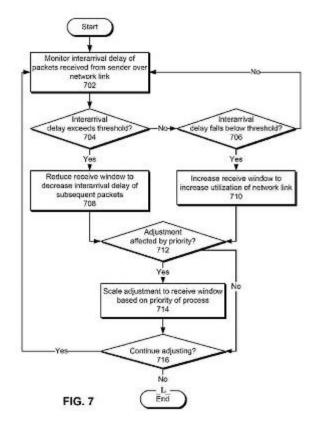
Address of Applicant :1 Infinite Loop Cupertino CA 95014

U.S.A.

(72)Name of Inventor:
1)BHOOMA Padmavathy

### (57) Abstract:

The disclosed embodiments provide a system that facilitates use of a network link. During operation the system continuously monitors an interarrival delay of packets received from a sender over the network link. Next the system adjusts a receive window for the sender based on the interarrival delay to facilitate receipt of subsequent packets from the sender and other senders over the network link.



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

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: INTEGRATED POWER DELIVERY SYSTEM FOR PRINTED CIRCUIT BOARDS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:61/847,682 :18/07/2013 :U.S.A. :NA :NA	SYSTEMS INTEGRATION INC. Address of Applicant :P.O. Box 868, NHQ1-719, Nashua, NH 03061-0868, United States of America U.S.A. (72)Name of Inventor:
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	: NA :NA :NA :NA	1)JARED P. MAJCHER 2)TIMOTHY M. DRESSER
Filing Date	:NA	

#### (57) Abstract:

An integrated DC power delivery system for PCBs is disclosed. In one embodiment, the system includes a compliant mechanical coupling assembly. The system further includes a power distribution interface having power planes configured to receive the DC power via the complaint mechanical coupling assembly upon securing the compliant mechanical coupling to the power distribution interface to provide the needed mechanical support. [FIG. 1]

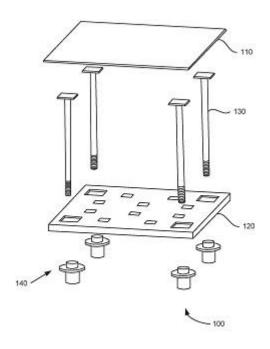


FIG. 1

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

(21) Application No.4806/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :19/11/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A WHEELCHAIR

(51) International classification	:A61G	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS
(32) Priority Date	:NA	Address of Applicant :IIT P.O., CHENNAI - 600 036 Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)HARSHAL GIRISH CHAUDHARI
(87) International Publication No	: NA	2)SUJATHA SRINIVASAN
(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 multi-position wheelchair, which aids a user to exist in a standing, reclining, seating position by means of a support from the wheelchair.

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

(21) Application No.4807/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :19/11/2012 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A METHOD OF PREPARING PALLADIUM DENDRITES ON CARBON NANOTUBES

(51) International classification	·C01B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS
(32) Priority Date	:NA	Address of Applicant :IIT P.O., CHENNAI - 600 036 Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RAGHURAM CHETTY
(87) International Publication No	: NA	2)KRANTHI KUMAR MANIAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

<sup>(57)</sup> Abstract:

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

The present invention relates to a method of preparing palladium dendrites on carbon nanotubes.

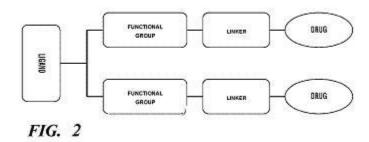
(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: LIGAND TARGETED MOLECULES AND METHODS THEREOF

(51) International classification :A61K47/48,A61P35/00 (71)Name of Applicant : (31) Priority Document No 1)INVICTUS ONCOLOGY PVT. LTD. :18/DEL/2012 (32) Priority Date Address of Applicant :Plot 465 F.I.E. Patparganj Industrial :03/01/2012 (33) Name of priority country Area Delhi 110 092 Tamil Nadu India :India (72) Name of Inventor: (86) International Application No :PCT/US2013/020130 Filing Date :03/01/2013 1)SENGUPTA Shiladitya (87) International Publication No :WO 2013/103707 2) HUSSAIN SAZID (61) Patent of Addition to Application 3)PRAMANIK, DIPANKAR :NA Number 4)ROY MONIDEEPA :NA Filing Date 5)HOSSAIN SEIKH SAMAD (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

The present invention relates to ligand targeted molecules and ligand drug conjugates (LDCs) comprising a ligand connected to a functional group which is connected to a linker wich in turn is bonded to a drug. The LDCs of the present invention also comprise platinum coordination complex wherein the platinum is connected to the linker through monocarboxylato and OPt coordinate bonds. The present invention also relates to methods for preparing these ligand drug conjugates. The present invention further relates to methods for the treatment of tumours using the ligand drug conjugates of the present invention.



No. of Pages: 112 No. of Claims: 67

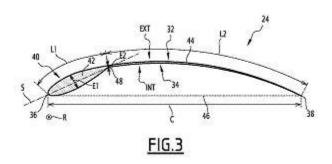
(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

# (54) Title of the invention : BLADE FOR A WATER CURRENT TURBINE ROTOR WATER CURRENT TURBINE COMPRISING SUCH A BLADE ASSOCIATED WATER CURRENT TURBINE AND METHOD FOR PRODUCING SUCH A BLADE

(51) International classification (31) Priority Document No	:1250809	(71)Name of Applicant: 1)GE ENERGY POWER CONVERSION TECHNOLOGY
(32) Priority Date (33) Name of priority country	:27/01/2012 :France	Address of Applicant :Boughton Road Rugby
(86) International Application No Filing Date	:PCT/EP2013/051365 :24/01/2013	WARWICKSHIRE CV 21 1BU U.K. (72)Name of Inventor:
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application</li></ul>	:WO 2013/110721 :NA	1)DUCHENE Hugo 2)CAGNIN Philippe
Number Filing Date	:NA	3)GIRARD PECARRERE Antoine
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The invention relates to a blade (24) for a water current turbine rotor which extends along a radial direction (R) and comprises an upper surface (EXT) a lower surface (INT) a leading edge (36) and a trailing edge (38). The leading edge (36) is the edge of the blade (24) that extends substantially along the radial direction (R) and is disposed upstream in the direction in which the water flows along the blade (24) while the trailing edge (38) is the edge of the blade (24) opposite the leading edge (36) and is disposed downstream in the direction of flow. Viewed in cross section along a cutting plane (P) at least one portion of the blade (24) has a profile (40) comprising a thick portion (42) and a thin portion (44) the cutting plane (P) being perpendicular to the radial direction (R). The thick portion (42) and the thin portion (44) each have a maximum thickness (E1 E2) along a direction perpendicular to the upper surface (EXT) the maximum thickness (E1) of the thick portion (42) being at least four times greater than the maximum thickness (E2) of the thin portion (44). The curvilinear length (L2) of the thin portion (44) is between 0.1 times the length (C) of the chord (46) between the leading edge (36) and the trailing edge (38) and 0.9 times the length (C) of the chord (46) preferably between 0.25 times the length (C) of the chord (46) and 0.9 times the length (C) of said chord (46).



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

(21) Application No.5470/CHENP/2014 A

(19) INDIA

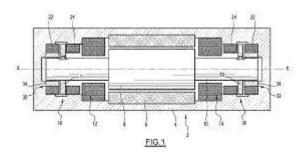
(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: ELECTRIC MACHINE

(51) International classification	:F16C32/04,H02K7/09	(71)Name of Applicant :
(31) Priority Document No	:1250673	1)GE ENERGY POWER CONVERSION TECHNOLOGY
(32) Priority Date	:24/01/2012	LTD.
(33) Name of priority country	:France	Address of Applicant :Boughton Road Rugby Warwickshire
(86) International Application No	:PCT/EP2013/051144	CV21 1BU U.K.
Filing Date	:22/01/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2013/110608	1)DE L‰PINE Xavier
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/11	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

This electric machine notably a motor (2) comprises a stator (6) a rotor (8) a first main bearing (12) designed to support the rotor (8) with respect to the stator (6) in a main range of speeds and a first secondary bearing (16) designed to support the rotor with respect to the stator when the first main bearing fails. The or each secondary bearing (16) is a passive electrodynamic bearing comprising at least one permanent magnet and a mobile electrically conducting element. Application to electric machines notably to asynchronous or synchronous motors.



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

(21) Application No.5471/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application:16/07/2014 (43) Publication Date: 04/03/2016

# (54) Title of the invention: CHEWING GUM PRODUCTS CONTAINING [(2 ISOPROPYL 5 METHYL CYCLOHEXANECARBONYL) AMINO] ACETIC ACID ISOPROPYL ESTER

(51) International :A61K31/24,A61K9/68,C07C229/28

classification (31) Priority Document No :61/578714 (32) Priority Date :21/12/2011

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

country

(86) International :PCT/US2012/070539 Application No

:19/12/2012 Filing Date

(87) International Publication :WO 2013/096405

(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)WM. WRIGLEY JR. COMPANY

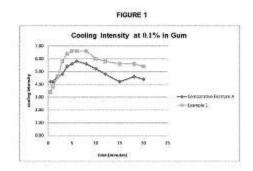
Address of Applicant: Global Innovation Center 1132

Blackhawk Street Chicago Illinois 60642 U.S.A.

(72) Name of Inventor: 1) JOHNSON Sonya S. 2)SHELDON Gloria T.

#### (57) Abstract:

A chewing gum composition includes gum base flavor sweetening agent and about 0.01% to about 0.4% [(2 isopropyl 5 methyl cyclohexanecarbonyl) amino] acetic acid isopropyl ester (Gly OiPr).



No. of Pages: 22 No. of Claims: 21

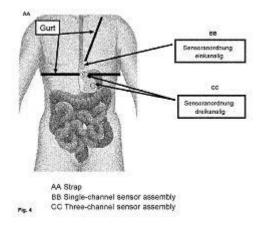
(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: DETECTION SYSTEM FOR DETECTING MAGNETIC OBJECTS IN THE HUMAN ORGANISM

(51) International classification :A61K9/00,A61B5/06,G01R33/09 (71)Name of Applicant : :10 2011 089 334.2 (31) Priority Document No 1)EVONIK R-HM GMBH (32) Priority Date :21/12/2011 Address of Applicant: Kirschenallee 64293 Darmstadt (33) Name of priority country :Germany Germany (86) International Application (72) Name of Inventor: :PCT/EP2012/050217 1)HARTWIG Benedikt No :09/01/2012 Filing Date 2)NIEPOTH Peter (87) International Publication 3)JUNGINGER Steffen :WO 2013/091901 4)STILLER Hans Joachim (61) Patent of Addition to 5)WINDHAB Norbert :NA **Application Number** 6) GEIPEL Gerhard :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

#### (57) Abstract:

The invention relates to a detection system for detecting magnetic bodies in the human organism which has at least two sensor assemblies wherein each sensor assembly has one two or three anisotropic magnetic resistance sensors of which the weak magnetization axes point in directions that are different in pairs and each sensor assembly has a spacing of 0.5 to 50 cm from the other sensor assembly or assemblies and at least two sensor assemblies are tilted at an angle of 0 to 45° with respect to one another. The invention further relates to a method for detecting a magnetic flux generated by a magnetic body in the human organism and to the use of the detection system according to the invention for detecting swallowed magnetic bodies and the breakdown thereof in the digestive system.



No. of Pages: 60 No. of Claims: 10

(21) Application No.5473/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : HETEROCYCLYL DERIVATIVES AND THEIR USE AS PROSTAGLANDIN D2 RECEPTOR MODULATORS

(51) International :C07D209/44,C07D217/06,C07D223/06

classification (31) Priority Document

t:PCT/IB2011/055866

No

(32) Priority Date :21/12/2011
(33) Name of priority :Argentina

country

(86) International Application No :PCT/IB2012/057541

Filing Date :20/12/2012

(87) International

Publication No :WO 2013/093842

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

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

(71)Name of Applicant:

1)ACTELION PHARMACEUTICALS LTD

Address of Applicant :Gewerbestrasse 16 CH 4123 Allschwil

Switzerland

(72) Name of Inventor:

1)AISSAOUI Hamed

2)BOSS Christoph

3)RICHARD BILDSTEIN Sylvia

4)SIEGRIST Romain

#### (57) Abstract:

The present invention relates to phenyl substituted heterocyclyl derivatives of the formula (I) wherein Z n m R R R R R R R R R R and R are as described in the description and their use as prostaglandin receptor modulators most particularly as prostaglandin Dreceptor modulators in the treatment of various prostaglandin mediated diseases and disorders to pharmaceutical compositions containing these compounds and to processes for their preparation.

No. of Pages: 312 No. of Claims: 15

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

(43) Publication Date: 04/03/2016

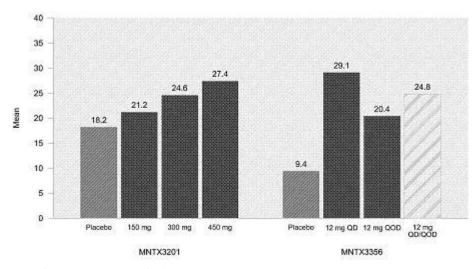
# (54) Title of the invention : METHODS FOR TREATMENT AND PREVENTION OF OPIOID INDUCED CONSTIPATION USING ORAL COMPOSITIONS OF METHYLNALTREXONE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:A61K31/485 :61/577654	(71)Name of Applicant: 1)SALIX PHARMACEUTICALS LTD.
(32) Priority Date	:19/12/2011	Address of Applicant :8510 Colonnade Center Dr. Raleigh NC
(33) Name of priority country	:U.S.A.	27615 U.S.A.
(86) International Application No	:PCT/US2012/070612	(72)Name of Inventor:
Filing Date	:19/12/2012	1)BORTEY Enoch
(87) International Publication No	:WO 2013/096444	
<ul><li>(61) Patent of Addition to Application</li><li>Number</li><li>Filing Date</li></ul>	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Presented herein are methods for treatment or prevention of opioid induced constipation by administration of oral compositions of methylnaltrexone. The methods are based at least in part on the identification of subjects that are particularly susceptible to such treatment and optimal dosages of such oral compositions to treat or prevent opioid induced constipation and further to minimize the occurrence of adverse events associated with such treatment.





No. of Pages: 122 No. of Claims: 81

(21) Application No.5480/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 16/07/2014 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: DOSAGE REGIME FOR APOLIPOPROTEIN FORMULATIONS

(51) International :A61K35/14,A61K38/17,A61P9/00

classification
(31) Priority Document No. :2011905368

(31) Priority Document No :2011905368 (32) Priority Date :21/12/2011 (33) Name of priority country :Australia

(86) International Application :PCT/AU2012/001345

Filing Date :02/11/2012

(87) International Publication WG 2012

(87) International Fublication :WO 2013/090978

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

(62) Divisional to Application
Number

Filing Date
:NA
:NA

(71)Name of Applicant:

1)CSL LIMITED

Address of Applicant: 45 Poplar Road Parkville Victoria 3052

Australia

(72)Name of Inventor: 1)RAYNER Craig

#### (57) Abstract:

An apolipoprotein formulation is provided at a fixed dosage that is efficacious in the prophylactic and/or therapeutic treatment of diseases or conditions including but not limited to cardiovascular disease acute coronary syndrome atherosclerosis unstable angina pectoris and myocardial infarction. More particularly the fixed dosage apolipoprotein formulation displays relatively reduced inter patient variability compared to weight adjusted dosages. Typically the apolipoprotein formulation is a reconstituted high density lipoprotein formulation comprising ApoA1 one or more lipids such as phosphatidylcholine sphingomyelin and/or phosphatidylglycerol and optionally a detergent such as cholate at a level that does not induce liver toxicity.

No. of Pages: 36 No. of Claims: 39

(21) Application No.5481/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : APPARATUS AND METHOD FOR SELECTING NETWORK CARD IN A PORTABLE COMMUNICATIONS DEVICE

(71)Name of Applicant: (51) International classification :H04W8/18,H04M1/727 1)NOKIA CORPORATION (31) Priority Document No :NA Address of Applicant: Keilalahdentie 4 FI 02150 Espoo (32) Priority Date :NA Finland (33) Name of priority country :NA (72) Name of Inventor: (86) International Application No :PCT/IB2011/055873 1)HEKANAHO Minna Anneli Filing Date :21/12/2011 2)R-NK-NHARJU Suvi Hanneli (87) International Publication No :WO 2013/093560 3)ZAVATTARO Manuela (61) Patent of Addition to Application :NA 4)TURNBULL Matt Number 5)LARSON Brody :NA Filing Date 6)SCHNEIDER Guilherme (62) Divisional to Application Number :NA 7)PHILLIPS Joseph Filing Date :NA 8)SILVA Ian

### (57) Abstract:

An apparatus comprising: at least one processor; and at least one memory including computer program code the at least one memory and the computer program code configured to with the at least one processor cause the apparatus to perform at least the following: provide a network card selection shortcut on at least one of one or more home screens and/or one or more user application screens of a portable communications device the network card selection shortcut allowing a user of the portable communications device to directly access selection of a particular one of a plurality of network cards available to the portable communications device.

No. of Pages: 31 No. of Claims: 18

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: SLIDING COMPONENT

(51) International :F16C33/20,F04B27/08,F04B39/02 classification

(31) Priority Document No :2011281752 :22/12/2011

(32) Priority Date (33) Name of priority country :Japan

(86) International Application :PCT/JP2012/077989

:30/10/2012 Filing Date

(87) International Publication :WO 2013/094315

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

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

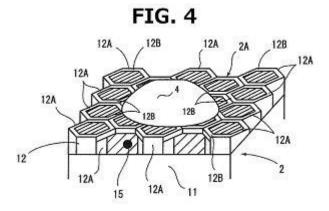
1)TAIHO KOGYO CO. LTD.

Address of Applicant :65 Midorigaoka 3 chome Toyota shi

Aichi 4718502 Japan (72) Name of Inventor: 1)YAMANE Kyohei 2)GOTO Shingo

(57) Abstract:

A swash plate type compressor is provided with a plurality of hemispherical shoes (4) and a plate shaped swash plate (2) and has a honeycomb structure resin coating (12) formed on an obverse surface (2A) and a reverse surface (2B) (sliding surface) of the swash plate (2) that slides with the shoes (4). Edge parts (12B) (upper end) of innumerable cylindrical bodies (12A) constituting the resin coating (12) are on the same plane which forms a sliding surface that slides with the end surface of the shoes (4). Also the interior space of the cylindrical bodies (12A) forms a reservoir section for lubricating oil and is a section for accommodating foreign matter (15). A swash plate (2) having excellent abrasion resistance seize resistance and lubricating oil retention properties can be provided.



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

(21) Application No.5559/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

# (54) Title of the invention: NOVEL THERAPEUTIC USE OF P75 RECEPTOR ANTAGONISTS

(51) International :A61K31/497,A61K31/498,A61K31/506 classification

:PCT/EP2012/076494

:EPO

:NA

:20/12/2012

(31) Priority Document

:11306709.4

(32) Priority Date :20/12/2011

(33) Name of priority

country

(86) International

Application No

Filing Date

(87) International

:WO 2013/092918 Publication No

(61) Patent of Addition

:NA to Application Number :NA Filing Date :NA

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

(71)Name of Applicant:

1)SANOFI

Address of Applicant :54 rue La Botie F 75008 Paris France

(72) Name of Inventor:

1)AVALLONE Roberta

2)BARONI Marco

3)CROCI Tiziano

# (57) Abstract:

The present invention provides for the use of a p75 receptor antagonist or its pharmaceutically acceptable salts for the preparation of a medicament for use in the treatment and/or prevention of overactive bladder.

No. of Pages: 45 No. of Claims: 6

(21) Application No.5515/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A METHOD FOR UPGRADING A GAS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:B01D53/02 :PA 2011 00994 :22/12/2011	(71)Name of Applicant:  1)RE N TECHNOLOGY ApS  Address of Applicant :holmvej 6 Osted DK 4320 Lejre
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2013/000001	(72)Name of Inventor:
Filing Date	:02/01/2013	1)WENNERGREN Bo
(87) International Publication No	:WO 2013/104364	2)TRADSBORG Jens Christensen
<ul> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

#### (57) Abstract:

The invention relates to a method for upgrading a gas by separation of carbon dioxide therefrom which method comprises the steps of introducing a stream of gas to a wet bed of ion exchange resin and desorbing the adsorbed carbon dioxide from the resin by increasing the temperature and/or lowering the pressure in said wet bed.

No. of Pages: 14 No. of Claims: 11

(21) Application No.5466/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 15/07/2014 (43) Publication Date: 04/03/2016

# (54) Title of the invention : VARIANT ACTIVIN RECEPTOR POLYPEPTIDES ALONE OR IN COMBINATION WITH CHEMOTHERAPY AND USES THEREOF

(51) International classification :A61K38/17,A61K31/55,A61K45/06

(31) Priority Document No :13/329897 (32) Priority Date :19/12/2011

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

country :U.S.F

(86) International PCT/US2012/070571
Application No

Filing Date :19/12/2012

(87) International Publication No :WO 2013/106175

(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)AMGEN INC.

Address of Applicant :One Amgen Center Drive Thousand

Oaks CA 91320 U.S.A. (72)Name of Inventor: 1)SUN Jeonghoon

2)TAM Lei Ting Tony 3)HAN Huiquan

4)KWAK Keith Soo Nyung

5)ZHOU Xiaolan

(57) Abstract:

The present invention provides variant activin IIB soluble receptor polypeptides and proteins capable of binding and inhibiting the activities of activin A myostatin or GDF 11. The present invention also provides polynucleotides vectors and host cells capable of producing the variant polypeptides and proteins. Compositions and methods for treating muscle wasting and other diseases and disorders are also provided.

No. of Pages: 210 No. of Claims: 53

(22) Date of filing of Application :15/07/2014 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: ROAMING OF NOTE TAKING APPLICATION FEATURES

(51) International classification :G06F9/06,G06F9/44,G06F15/16 (71) Name of Applicant:

(31) Priority Document No :13/359509 (32) Priority Date :27/01/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/022610

No

:23/01/2013 Filing Date

(87) International Publication No:WO 2013/112494

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

(62) Divisional to Application :NA

Number :NA

Filing Date

1)MICROSOFT CORPORATION

Address of Applicant :One Microsoft Way Redmond

Washington 98052 6399 U.S.A.

(72) Name of Inventor:

1)SIMMONS Alex J.

2)RAMACHANDRAN Arun

3)BESSONOV Vladilen

4)WALSH Patricia

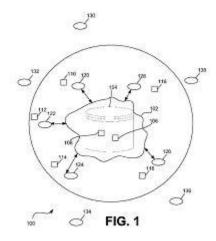
5)COROB Brad

6)STEINBOK Nicole

7) LANGE Donovan P.

# (57) Abstract:

Methods are disclosed for managing configuration variables and settings within a note taking application such that application features are adjusted globally across an entire note taking application regardless of the particular device from which application content is accessed. The configuration variables and settings may pertain to any or all of a variety of application features such as but not limited to adjustment of client user and content specific configuration options.



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

(21) Application No.5468/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: SULFIDE SCAVENGERS METHODS FOR MAKING AND METHODS FOR USING THEM

:C07C213/00,C10G29/20 (71)Name of Applicant : (51) International classification 1)GENERAL ELECTRIC COMPANY (31) Priority Document No :61/581710 (32) Priority Date Address of Applicant: 1 River Road Schenectady NY 12345 :30/12/2011 (33) Name of priority country :U.S.A. U.S.A. (86) International Application No :PCT/US2012/065666 (72) Name of Inventor: Filing Date :16/11/2012 1)KAPLAN Gregory (87) International Publication No :WO 2013/101361 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

# (57) Abstract:

Methods for making sulfide scavenging compositions are provided. The method comprises reacting at least one secondary amine with at least one aldehyde and solvent in the presence of a catalyst to form a reaction composition wherein a reaction temperature is less than or equal to  $90\,^{\circ}$ C. Sulfide scavengers using the above method are also disclosed. Methods for removing sulfides from fluid streams are also provided. The methods include adding the above sulfide scavengers to fluid streams.

No. of Pages: 27 No. of Claims: 37

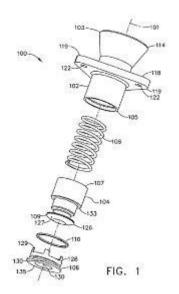
(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: ADAPTOR ASSEMBLY FOR REMOVABLE COMPONENTS

(51) International classification	:F23R3/60	(71)Name of Applicant:
(31) Priority Document No	:13/362332	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:31/01/2012	Address of Applicant :1 River Road Schenectady NY 12345
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/061821	(72)Name of Inventor:
Filing Date	:25/10/2012	1)PONZIANI Robert Louis
(87) International Publication No	:WO 2013/115858	2)CORSMEIER Donald
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

An assembly is provided with a housing a guide sleeve and a spring. The guide sleeve may be at least partially housed within the housing. The spring may be disposed to abut against the housing and the guide sleeve.



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

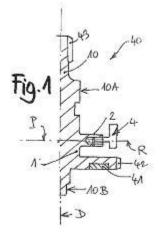
(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: METHOD FOR IMPROVING THE PIVOTAL MOVEMENT OF A MOBILE BODY

(51) International classification (31) Priority Document No	:G04B18/00,G04D7/08 :11195125.7	(71)Name of Applicant: 1)THE SWATCH GROUP RESEARCH AND
(32) Priority Date	:22/12/2011	DEVELOPMENT LTD
(33) Name of priority country	:EPO	Address of Applicant :Rue des Sors 3 CH 2074 Marin
(86) International Application No	:PCT/EP2012/074143	Switzerland
Filing Date	:30/11/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/092172	1)CONUS Thierry
(61) Patent of Addition to Application	:NA	2)VERARDO Marco
Number	:NA	3)VILLAR Ivan
Filing Date	.IVA	4)CABEZAS JURIN Andrs
(62) Divisional to Application Number	:NA	5)HELFER Jean Luc
Filing Date	:NA	6)GRAF Emmanuel

#### (57) Abstract:

The invention relates to a method for improving the pivotal movement of a mobile body (1) for a scientific instrument comprising a shaft (10) capable of pivoting or oscillating about an axis (D) of the mobile body wherein said method comprises: statically balancing said mobile body so as to bring the center of gravity thereof onto said axis (D); determining a target value for the resulting imbalance moment of said mobile body about said axis (D) which corresponds to a predetermined target divergence between a first main longitudinal axis of inertia of said mobile body and said axis (D); rotating said mobile body about said axis (D) of the mobile body at a predetermined speed and measuring the resulting imbalance moment relative to said axis (D); and adjusting the value of the imbalance moment of said mobile body about said axis (D) to within a given predetermined tolerance relative to said target value.



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

(21) Application No.5486/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: DIANHYDROHEXITOL DIESTER MIXTURE NMR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07D493/04 :10 2011 089 493.4 :21/12/2011 :Germany :PCT/EP2012/076072 :19/12/2012 :WO 2013/092655 :NA :NA :NA	(71)Name of Applicant:  1)EVONIK INDUSTRIES AG  Address of Applicant :Rellinghauser Strae 1 11 45128 Essen Germany (72)Name of Inventor:  1)GRASS Michael  2)GEVERS Andreas 3)WOLDT Benjamin 4)WOELK FAEHRMANN Michael
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#### (57) Abstract:

An ester mixture of dianhydrohexitol a composition comprising the ester mixture and a polymer composition comprising the ester mixture or the composition the use thereof and a process by which the ester mixture can be prepared where the ester mixture has a mean chain length of (8.3) to (9.2).

No. of Pages: 42 No. of Claims: 16

(21) Application No.5538/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

(54) Title of the invention: CATALYST INCLUDING AT LEAST ONE NU 86 ZEOLITE AT LEAST ONE USY ZEOLITE AND A POROUS INORGANIC MATRIX AND METHOD FOR THE HYDROCONVERSION OF HYDROCARBON FEEDSTOCKS USING SAID CATALYST

(51) International classification: B01J29/14, B01J29/80, C10G47/20 (71) Name of Applicant:

:23/11/2012

:WO 2013/093225

(31) Priority Document No :1104022 (32) Priority Date :22/12/2011

(33) Name of priority country :France

(86) International Application :PCT/FR2012/000481

No 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)IFP ENERGIES NOUVELLES

Address of Applicant :1 et 4 avenue de Bois Prau F 92852

Rueil Malmaison Cedex France

(72) Name of Inventor:

1)BONDUELLE Audrev 2) GUILLON Emmanuelle

3)ROY AUBERGER Magalie

(57) Abstract:

The invention relates to a catalyst including at least one metal selected from the group consisting of metals from Group VIB and Group VIII of the periodic table alone or in a mixture and a support including at least one NU 86 zeolite at least one Y zeolite and at least one porous inorganic matrix containing at least aluminum and/or at least silicon. The invention also relates to a method for the hydrocracking of hydrocarbon feedstocks using said catalyst.

No. of Pages: 42 No. of Claims: 14

(21) Application No.5539/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: A DRUG DELIVERY SYSTEM

(51) International classification: A61K47/02, A61F6/14, A61P15/18 (71) Name of Applicant:

:20125069 (31) Priority Document No (32) Priority Date :23/01/2012

(33) Name of priority country :Finland

(86) International Application :PCT/FI2013/050068

No :22/01/2013 Filing Date

(87) International Publication :WO 2013/110856

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

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

(57) Abstract:

1)BAYER OY

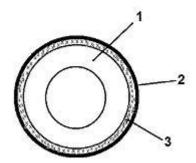
Address of Applicant: Pansiontie 47 FI 20210 Turku Finland

(72)Name of Inventor:

1)LYYTIK, INEN Heikki 2)JUKARAINEN Harri

The present invention provides a novel drug delivery system for the controlled release of therapeutically active substances at a predetermined essentially constant release rate over a prolonged period of time. The delivery system comprises at least one core comprising said therapeutically active substance(s) at least one membrane encasing the core and an intermediary layer of a substantially inert material wherein the intermediary layer is applied between the core and the membrane or between two membrane layers.

Fig. 1



No. of Pages: 20 No. of Claims: 5

(21) Application No.5456/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application:15/07/2014 (43) Publication Date: 04/03/2016

### (54) Title of the invention: GENERATING A SEARCH SET OF TELEVISION WHITE SPACE CHANNELS BASED ON LOCATION INFORMATION

(51) International classification: H04L27/00,G01S1/00,H04H20/42 (71) Name of Applicant:

:NA

(31) Priority Document No :61/603821 (32) Priority Date :27/02/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/022212

:18/01/2013 Filing Date

(87) International Publication

:WO 2013/130189

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

Filing Date (62) Divisional to Application :NA Number

Filing Date

1)OUALCOMM INCORPORATED

Address of Applicant : Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.

(72) Name of Inventor:

1) JONES Vincent K.

2)SAMPATH Hemanth

3)SHELLHAMMER Stephen J.

4)YUCEK Tevfik

5)ABRAHAM Santosh Paul

### (57) Abstract:

A method includes determining at an electronic device information associated with a location of the first electronic device. An initial set of television white space channels is filtered based on the information to generate a search set of television white space channels. A passive scan of the search set of television white space channels is performed at the electronic device to identify a television white space access point.

No. of Pages: 30 No. of Claims: 28

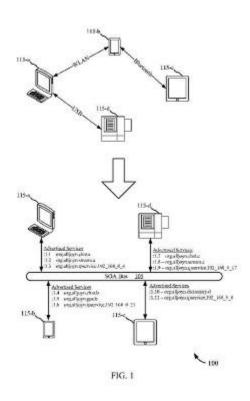
(22) Date of filing of Application: 15/07/2014 (43) Publication Date: 04/03/2016

# (54) Title of the invention: INTERNET PROTOCOL CONNECTIVITY OVER A SERVICE ORIENTED ARCHITECTURE BUS

(51) International classification	:H04L29/08,H04L29/12	(71)Name of Applicant :
(31) Priority Document No	:13/400889	1)QUALCOMM INCORPORATED
(32) Priority Date	:21/02/2012	Address of Applicant :Attn: International Ip Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2013/026479	(72)Name of Inventor:
Filing Date	:15/02/2013	1)MAHENDRAN Arungundram Chandrasekeran
(87) International Publication No	:WO 2013/126292	2)CHAUBEY Nishith K.
(61) Patent of Addition to Application	:NA	3)LUO Xun
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Methods systems and devices are disclosed for implementing Internet Protocol (IP) connectivity over a service oriented architecture (SOA) bus implemented by a peer to peer network. At a first device a first IP service is advertised over the SOA bus and a second IP service advertised by a second device over the SOA bus is discovered. The first device may transmit at least a first IP packet to the second device by remotely invoking the second IP service of the second device over the SOA bus. The first device may receive at least a second IP packet from the second device over the SOA bus through an invocation of the first IP service by the second device.



No. of Pages: 49 No. of Claims: 50

(21) Application No.5487/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 16/07/2014 (43) Publication Date: 04/03/2016

### (54) Title of the invention: CATALYST USABLE IN HYDROCONVERSION AND INCLUDING AT LEAST ONE ZEOLITE AND GROUP VIII AND VIB METALS AND PREPARATION OF THE CATALYST

(51) International

:B01J29/076,B01J29/16,B01J29/78

classification (31) Priority Document No

:11/04.025

(32) Priority Date

:22/12/2011

(33) Name of priority country

:France

:NA

(86) International Application

:PCT/FR2012/000488

:WO 2013/093229

No Filing Date

:27/11/2012

(87) International Publication

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

Filing Date

(62) Divisional to Application Number

:NA Filing Date

(71)Name of Applicant:

1)IFP ENERGIES NOUVELLES

Address of Applicant: 1 & 4 avenue de Bois Prau F 92852

Rueil Malmaison Cedex France

2)TOTAL RAFFINAGE FRANCE

(72)Name of Inventor:

1)SIMON Laurent

2) GUICHARD Bertrand

3)LAPISARDI Grgory

4)DULOT Hughes

5)DE GRANDI Valentina

6)MINOUX Delphine

7) DATH Jean Pierre

#### (57) Abstract:

1 1 The invention relates to a catalyst containing a support including at least one binder and at least one zeolite and having at least one series of channels the opening of which is defined by a ring containing 12 oxygen atoms said catalyst including phosphorus at least one C1 C4 dialkyl succinate acetic acid and a hydro dehydrogenating function that contains at least one Group VIB element and at least one Group VIII element. The Raman spectrum of said catalyst includes 990 and/or 974 cm bands characteristic of at least one Keggin heteropolyanion bands characteristic of said succinate and the main 896 cmband characteristic of acetic acid. The invention also relates to the method for preparing the catalyst and to the use of said catalyst in hydroconversion.

No. of Pages: 32 No. of Claims: 16

(22) Date of filing of Application :16/07/2014 (43) Publication Date: 04/03/2016

### (54) Title of the invention: THERMOPLASTIC ELASTOMERS VIA ATOM TRANSFER RADICAL POLYMERIZATION OF PLANT OIL

(51) International :C08F297/00,C08L53/00,C08L91/00 classification

:61/587816 (31) Priority Document No (32) Priority Date :18/01/2012

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

country

(86) International :PCT/US2013/022131 Application No

:18/01/2013 Filing Date

(87) International Publication: WO 2013/109878

(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)IOWA STATE UNIVERSITY RESEARCH

FOUNDATION INC.

Address of Applicant: 310 Lab of Mechanics Ames IA 50011

2131 U.S.A.

(72)Name of Inventor:

1)COCHRAN Eric William

2)WILLIAMS Ronald Christopher

3)HERNANDEZ Nacu

4) CASCIONE Andrew A.

#### (57) Abstract:

The present invention relates to a block copolymer comprising at least one PA block and at least one PB block. The PA block represents a polymer block comprising one or more units of monomer A and the PB block represents a polymer block comprising one or more units of monomer B. Monomer A is a vinyl acrylic diolefin nitrile dinitrile or acrylonitrile monomer. Monomer B is a radically polymerizable plant oil monomer containing one or more triglycerides. The present invention also relates to a method of preparing a thermoplastic block copolymer by radical polymerizing a radically polymerizable monomer with a radically polymerizable plant oil monomer containing one or more triglycerides in the presence of an initiator and a transition metal catalyst system to form the thermoplastic block copolymer. The polymerized plant oil based block copolymers are useful in a variety of applications such as asphalt modifiers rubber compositions adhesives tires in the automobile industry footwear packaging etc.

No. of Pages: 84 No. of Claims: 70

(21) Application No.5489/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: VEHICLE BODY SIDE STRUCTURE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:30/10/2012 :WO 2013/094314 :NA :NA	(71)Name of Applicant:  1)HONDA MOTOR CO. LTD.  Address of Applicant: 1 1 Minami Aoyama 2 chome Minato ku Tokyo 1078556 Japan (72)Name of Inventor:  1)WATANABE Yasunori 2)KITAYAMA Kenichi 3)NAGAI Shigeyuki
1 (01110 01	:NA :NA :NA	

#### (57) Abstract:

A vehicle body (12) includes: a coupling recess (35) that couples an outer bottom member (42) with an outer top member (41) of an outer panel (37) of a vehicle body pillar (21); and a door seal cover (34) that covers the coupling recess (35). The door seal cover (34) comprises: a U shaped body part (43) that has a U shaped cross section and serves as a central portion; a U shaped top lip (44) that extends upward from the body part (43); and a U shaped bottom lip (45) that extends downward from the body part (43). A front top leading end (57) a front bottom leading end (58) a back top leading end (61) and a back bottom leading end (62) of seal contact surface sections (51 54) which are firmly attached to door side seal members (48 49) are formed at step free thicknesses.

No. of Pages: 27 No. of Claims: 5

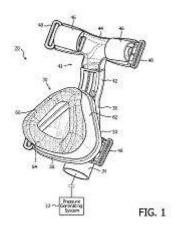
(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : PATIENT INTERFACE DEVICE HAVING AN ENGINEERED SURFACE FOR PROVIDING LOW FRICTION AND IMPROVED COMFORT TO THE USER

(51) International classification	:A61M16/06	(71)Name of Applicant:
(31) Priority Document No	:61/586869	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:16/01/2012	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2013/050229	(72)Name of Inventor:
Filing Date	:10/01/2013	1)HENDRIKS Cornelis Petrus
(87) International Publication No	:WO 2013/108160	2)VONCKEN Rudolf Maria Jozef
(61) Patent of Addition to Application	:NA	3)POTZE Willem
Number	:NA	4)WILLARD Nicolaas Petrus
Filing Date	.IVA	5)VAN ZANTEN Joyce
(62) Divisional to Application Number	:NA	6)KLEE Mareike
Filing Date	:NA	
(55) A1		•

#### (57) Abstract:

A patient interface device includes an elastomeric contacting portion that is structured to directly engage the skin of the user. The contacting portion has an engineered surface that includes a plurality of non random predesigned surface features designed to reduce friction and improve user comfort. In one implementation the pitch between each immediately adjacent pair of the surface features is less than or equal to a predetermined maximum pitch value and the height of each of the surface features is less than or equal to a predetermined maximum height value.



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

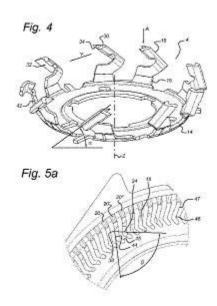
(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: ROTARY SHAVING UNIT

(51) International classification	:B26B19/14	(71)Name of Applicant:
(31) Priority Document No	:61/584858	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:10/01/2012	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/057683	(72)Name of Inventor:
Filing Date	:24/12/2012	1)CAMPBELL Stuart Robbie
(87) International Publication No	:WO 2013/104965	2)VAN DEN BERGE Jan Dirk
(61) Patent of Addition to Application	:NA	3)PRAGT Johan
Number	:NA	4)TERPSTRA Friso
Filing Date	.IVA	5)DE LANGE Albert Maas
(62) Divisional to Application Number	:NA	6)VAN KEMPEN Wouter
Filing Date	:NA	7)VAN EIBERGEN SANTHAGENS Robert Alexander

#### (57) Abstract:

A shaving unit (1) comprises a cap (2) having an annular shaving track (8) defining an axis (Z) the shaving track being provided with hair entry apertures (20) which have a V shaped forward edge with a point directed in a cutting direction (Y). A rotary cutter (4) has a plurality of cutter blades (18) the cutter being arranged to rotate about the axis such that the cutter blades follow the shaving track in the cutting direction to cut hairs protruding through the apertures wherein the cutter blades have a V shaped cutting edge (34) and a point of the V is directed opposite to the direction of rotation.



No. of Pages: 28 No. of Claims: 19

(21) Application No.5462/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :15/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: VITRECTOMY PROBE WITH ADJUSTABLE CUTTER PORT SIZE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A61B17/32 :61/577989 :20/12/2011 :U.S.A. :PCT/US2012/069216 :12/12/2012 :WO 2013/096053 :NA :NA :NA	(71)Name of Applicant:  1)ALCON RESEARCH LTD.  Address of Applicant:6201 South Freeway TB 4 8 Fort Worth Texas 76134 2099 U.S.A. (72)Name of Inventor:  1)UNDERWOOD John R.  2)FLOWERS Matthew Braden 3)AULD Jack Robert 4)HUCULAK John Christopher
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#### (57) Abstract:

Vitrectomy probes and system related thereto are disclosed herein. The disclosure describes various example vitrectomy probes having an adjustable cutting port size. Various example features are described for adjusting the size of the cutting port. Further the disclosure provides examples for adjusting the size of the cutter port while the vitrectomy probe is in operation.

No. of Pages: 75 No. of Claims: 36

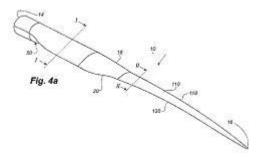
(22) Date of filing of Application :15/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : WIND TURBINE BLADE ASSEMBLED FROM INBOARD PART AND OUTBOARD PART HAVING DIFFERENT TYPES OF LOAD CARRYING STRUCTURES

(51) International classification	:F03D1/06,F03D7/02	(71)Name of Applicant:
(31) Priority Document No	:11195225.5	1)LM WP PATENT HOLDING A/S
(32) Priority Date	:22/12/2011	Address of Applicant :Jupitervej 6 DK 6000 Kolding Denmark
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/EP2012/076395	1)ROB Fons
Filing Date	:20/12/2012	2)MADSEN Jesper
(87) International Publication No	:WO 2013/092871	3)EJLERSEN Flemming
(61) Patent of Addition to Application	:NA	4)QUIRING Peter
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A blade (10) for a rotor of a wind turbine (2) is disclosed. The blade is assembled from an inboard blade part (50) closest to the hub and an outboard blade part (110) farthest from the hub of the wind turbine. The inboard part (50) comprises a load carrying structure (60) with a first aerodynamic shell (70) fitted to the load carrying structure (60) and the outboard part (110) comprises a blade shell (141 143) with a load carrying structure (142 144) integrated in the blade shell (141 143).



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

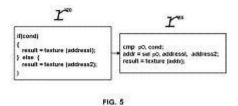
(22) Date of filing of Application :15/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : PREDICATION OF CONTROL FLOW INSTRUCTIONS HAVING ASSOCIATED TEXTURE LOAD INSTRUCTIONS FOR A GRAPHICS PROCESSING UNIT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:06/12/2012 :WO 2013/109353	(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)ZHANG Weifeng 2)ZHANG Chihong
(87) International Publication No	:WO 2013/109353 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Aspects of this disclosure relate to a method of compiling high level software instructions to generate low level software instructions. In an example the method includes identifying with a computing device a set of high level (HL) control flow (CF) instructions having one or more associated texture load instructions wherein the set of HL CF instructions comprises one or more branches. The method also includes converting with the computing device the identified set of HL CF instructions to low level (LL) instructions having a predicate structure. The method also includes outputting the converted (LL) instructions having the predicate structure.



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

(21) Application No.5506/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : LOW DELAY REAL TO COMPLEX CONVERSION IN OVERLAPPING FILTER BANKS FOR PARTIALLY COMPLEX PROCESSING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:H03H17/02 :61/602848 :24/02/2012 :U.S.A. :PCT/EP2013/053607 :22/02/2013 :WO 2013/124443 :NA	(71)Name of Applicant:  1)DOLBY INTERNATIONAL AB  Address of Applicant :Apollo Building 3E Herikerbergweg 1  35 NL 1101 CN Amsterdam Netherlands (72)Name of Inventor:  1)VILLEMOES Lars 2)MUNDT Harald
(61) Patent of Addition to Application Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

An arrangement of overlapping filter banks comprises a synthesis stage and an analysis stage. The synthesis stage receives a first signal segmented into time blocks and outputs based thereon an intermediate signal to be received by the analysis stage forming the basis for the computation of a second signal segmented into time frames. In an embodiment the synthesis stage is operable to release an approximate value of the intermediate signal in a time block located L 1 time blocks ahead of its output block which approximate value is computed on the basis of any available time blocks of the first signal so that the approximate value contributes in the analysis stage to the second signal. The delay is typically reduced by L 1 blocks. Applications include audio signal processing in general and real to complex conversion in particular.

No. of Pages: 36 No. of Claims: 22

(21) Application No.5507/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: PREPARATION OF MOLECULAR IMPRINTED POLYMERS BY CROSS LINKING

(51) International classification	:B01J20/26,C08F8/00,C08J3/24	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MIPSALUS APS
(32) Priority Date	:NA	Address of Applicant :Fures vej 109 DK 2830 Virum
(33) Name of priority country	:NA	Denmark
(86) International Application No	:PCT/EP2012/053332	(72)Name of Inventor:
Filing Date	:28/02/2012	1)GREGORIUS Klaus
(87) International Publication No	:WO 2013/127433	2)NICHOLLS Ian Alan
(61) Patent of Addition to	:NA	3)KROGH Nicolas Otto
Application Number	:NA	
Filing Date	.NA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.TVA	

#### (57) Abstract:

Provided is an improved method for preparation of insoluble molecular imprinted polymers (MIPs) the method comprising: a) providing soluble or semi soluble MIPs that 1) substantially all bind template agents and 2) have sizes which enable their separation in a chromatographic step utilizing packed bed chromatography b) cross linking the template agent binding soluble MIPs provided in step a so as to obtain insoluble template agent binding MIPs and c) optionally isolating concentrating or purifying the MIPs obtained by the cross linking in step b. In an interesting embodiment step a includes an affinity purification procedure which ensures that the MIPs provided in step a are indeed all binders of the template.

No. of Pages: 23 No. of Claims: 17

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : LOCATING WIRELESS IDENTITY TRANSMITTER USING SHORT RANGE WIRELESS BROADCASTS

(71)Name of Applicant: 1)OUALCOMM INCORPORATED (51) International classification :G01S1/02,H04L9/18,H04L29/06 Address of Applicant : Attn: International IP Administration (31) Priority Document No :61/601620 5775 Morehouse Drive San Diego California 92121 U.S.A. (32) Priority Date :22/02/2012 (72) Name of Inventor: (33) Name of priority country :U.S.A. 1)ALTMAN Steven R. (86) International Application :PCT/US2013/027392 2)SPRIGG Stephen A. No :22/02/2013 3)GASSER Liz Filing Date 4)LINSKY Joel (87) International Publication :WO 2013/126747 5)WOODAHL Leif 6)KENAGY Jason (61) Patent of Addition to :NA 7)MENENDEZ Jose **Application Number** :NA 8) WURSTER Charles S. Filing Date 9)JACOBS Paul (62) Divisional to Application :NA 10)MEIJERS Neville Number :NA 11)JOHNSON Peggv Filing Date 12)WISE Dave 13)HUNTER Kevin

#### (57) Abstract:

Methods systems and devices for locating a wireless identity transmitter (110) with a central server (120) connected with one or more proximity broadcast receivers (138 142) such as stationary receivers (142) or mobile devices operating as wireless receivers (138). The wireless identity transmitter (110) may be a device configured to broadcast messages such as through Bluetooth ® advertisements including an identification code. When within proximity a proximity broadcast receiver (138 142) may receive broadcast messages from the wireless identity transmitter (110) and relay location information along with the wireless identity transmitter s identification code to a central server (120) as sighting messages. The proximity broadcast receiver s own location may provide an approximate location for the wireless identity transmitter. The central server may process sighting messages including signal strength information to accurately locate the wireless identity transmitter. The central server may transmit data to third party devices when receiving sightings messages.

No. of Pages: 366 No. of Claims: 194

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

# (54) Title of the invention : PROCESS FOR MANUFACTURING ARTICLES IN CARBON FIBER AND ARTICLE MANUFACTURED WITH THIS PROCESS

(51) International classification :B29C70/46,B29C70/54 (71)Name of Applicant : (31) Priority Document No :MI2012A000307 1)AUTOMOBILI LAMBORGHINI S.P.A. (32) Priority Date :28/02/2012 Address of Applicant: Via Modena 12 I 40019 SantAgata (33) Name of priority country Bolognese BO Italy :Italy :PCT/IB2013/051115 (72) Name of Inventor: (86) International Application No Filing Date :11/02/2013 1)MASINI Attilio (87) International Publication No :WO 2013/128312 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

The invention relates to a heat compression molding process for the manufacturing of composite material articles the process comprising the steps of i) providing a mold (20) in which the negative shape (31 32) of an article (30) to be manufactured is formed; ii) inserting into said mold (20) an SMC semi finished product (10) comprising one or more sheets of composite material comprising a matrix of a heat hardening resin and carbon fibers the mold being pre heated at a temperature suitable to allow the cure of said heat hardening resin; iii) closing the mold (20) and carrying out a compression cycle in an autoclave according to a predefined time pressure law; and iv) extracting the article (30) wherein the amount of SMC semi finished product (10) inserted in the mold (20) is calculated by weighing on the basis of the volume of the article (30) to be manufactured. The size of the surfaces of the SMC semi finished product (10) intended to contact the surfaces of the shape (31 32) are calculated so as to cover said surfaces in a percentage comprised between 70 to 99% in particular higher than 80% and less than or equal to 99%. Thanks to these characteristics it is possible to obtain manufactured articles substantially free from surface defects and suitable for both structural and aesthetic uses.

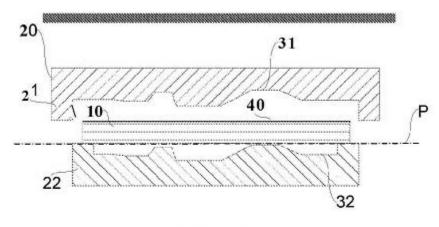


Fig.1

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

(21) Application No.5450/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 15/07/2014 (43) Publication Date: 04/03/2016

## (54) Title of the invention: 2 BENZYL 3 (PYRIMIDIN 2 YL) SUBSTITUTED PYRAZOLES USEFUL AS SGC STIMULATORS

(51) International (71)Name of Applicant: :C07D413/14,C07D403/04,C07D417/14 1)IRONWOOD PHARMACEUTICALS INC. classification (31) Priority Document Address of Applicant :301 Binney Street 2nd Floor Cambridge :61/580439 MA 02142 U.S.A. (72) Name of Inventor: (32) Priority Date :27/12/2011 (33) Name of priority 1)KIM Charles :U.S.A. country 2)NAKAI Takashi (86) International 3)MOORE Joel :PCT/US2012/071654 Application No 4)PERL Nicholas Robert :26/12/2012 Filing Date 5)IM G yoon Jamie (87) International 6)BARDEN Timothy Claude :WO 2013/101830 Publication No 7)IYENGAR Rajesh R. (61) Patent of Addition to :NA 8)ZIMMER Daniel P. **Application Number** 9)FRETZEN Angelika :NA Filing Date 10) RENHOWE Paul Allan (62) Divisional to :NA **Application Number** :NA Filing Date

#### (57) Abstract:

No. of Pages: 209 No. of Claims: 20

<sup>2</sup> Benzyl 3 (pyrimidin 2 YL) substituted pyrazoles are described. They are useful as stimulators of sGC particularly NO independent heme dependent stimulators. These compounds may be useful for treating preventing or managing various disorders that are herein disclosed.

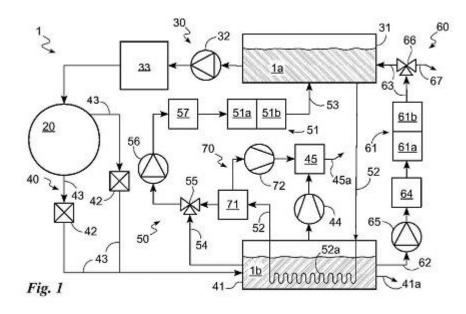
(22) Date of filing of Application :15/07/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: STEAM STERILISER

(51) International classification	:A61L2/07,B01J3/04	(71)Name of Applicant:
(31) Priority Document No	:MI2011A002334	1)ABSOLUTE UP S.R.L.
(32) Priority Date	:21/12/2011	Address of Applicant :via Verdi 4 I 24020 Villa di Serio (BG)
(33) Name of priority country	:Italy	Italy
(86) International Application No	:PCT/IB2012/057123	(72)Name of Inventor:
Filing Date	:10/12/2012	1)ONGARO Daniele
(87) International Publication No	:WO 2013/093700	2)GHILARDI Mariapia
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A steam steriliser (1) for medical instruments comprising a feeding system (30) suitable to feed a sterilisation chamber (20) and comprising at least one main tank (31) for containing a sterilisation fluid (1a); an evacuation system (40) suitable to evacuate a discharge fluid (1b) from the sterilisation chamber (20); and a purification system (50) suitable to draw one of the fluids (1a 1b) out of one of the systems (30 40) and to introduce it into the main tank (31) and comprising cleaning means (51) suitable to filter said fluid.



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

(21) Application No.5520/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: CONTROLLING ACCESS TO A MOBILE DEVICE

(51) International classification	:H04M1/725	(71)Name of Applicant:
(31) Priority Document No	:61/552,396	1)QUALCOMM INCORPORATED
(32) Priority Date	:27/10/2011	Address of Applicant :Attn: International IP Administration,
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive, San Diego, California 92121-1714,
(86) International Application No	:PCT/US2012/059593	United States of America U.S.A.
Filing Date	:10/10/2012	(72)Name of Inventor:
(87) International Publication No	:WO/2013/062771	1)FORUTANPOUR, Babak
(61) Patent of Addition to Application	:NA	2)PAREKH, Shyam K.
Number	INA	3)FORRESTER, John

Number :NA Filing Date :NA

(62) Divisional to Application Number :2517/CHENP/2014 Filed on :03/04/2014 4)PRASAD, Harsha Rajendra

(57) Abstract:

Various arrangements for customizing a configuration of a mobile device are presented. The mobile device may collect proximity data. The mobile device may determine that a user has gripped the mobile device based on the proximity data. A finger length of the user may be determined using the proximity data. Configuration of the mobile device may be customized at least partially based on the determined finger length of the user

No. of Pages: 55 No. of Claims: 30

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

(54) Title of the invention: ABSORPTIVE ARTICLE

(51) International :A61F13/49,A61F13/511,A61F13/53

:NA

classification (31) Priority Document No :2011289357

(32) Priority Date :28/12/2011 (33) Name of priority

:Japan country

(86) International :PCT/JP2012/079641

Application No :15/11/2012 Filing Date

(87) International

Publication No

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

:WO 2013/099463

(57) Abstract:

Filing Date

(19) INDIA

1)UNICHARM CORPORATION Address of Applicant: 182 Shimobun Kinsei cho Shikokuchuo shi Ehime 7990111 Japan (72) Name of Inventor: 1)MATSUSHIMA Hideki

(21) Application No.5521/CHENP/2014 A

(71)Name of Applicant:

This absorptive article (1) has a liquid permeable front surface sheet (10) a liquid impermeable outer cover sheet (20) an absorption body (30) and a second sheet (15). The absorptive article (1) also has a first region (R1) in which the skin contact side surface of the absorption body and the second sheet are in contact with each other and has a second region (R2) in which the skin contact side surface of the absorption body and the front surface sheet are in contact with each other. Compressed sections (31) formed by compressing the absorption body in the thickness direction are formed on the absorption body. The front surface sheet and the second sheet are arranged along the skin contact side surface of the absorption body and as a result first recesses (11) and second recesses (12) are formed in the skin contact side surface of the absorptive article the first and second recesses (11 12) following the compressed sections of the absorption body. The depth of the first recesses in the first region is less than the depth of the second recesses in the second region.

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

(21) Application No.5522/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

### (54) Title of the invention: METHOD FOR PREPARING A CATALYST USABLE IN HYDROPROCESSING AND **HYDROCONVERSION**

(51) International

:B01J37/02,B01J37/28,B01J23/882

classification

:1104026

(31) Priority Document No (32) Priority Date

:22/12/2011

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

:France

No

:PCT/FR2012/000487

Filing Date

:27/11/2012

(87) International Publication

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

Filing Date

(62) Divisional to Application

Number Filing Date :WO 2013/093228

:NA

:NA

:NA

(71)Name of Applicant:

1)IFP ENERGIES NOUVELLES

Address of Applicant :1 et 4 avenue de Bois Prau F 92852

Rueil Malmaison Cedex France

2)TOTAL RAFFINAGE FRANCE

(72)Name of Inventor:

1)GUICHARD Bertrand

2)SIMON Laurent

3)LOPEZ Sylvie

4)DE GRANDI Valentina

5)MINOUX Delphine

6)DATH Jean Pierre

### (57) Abstract:

The invention relates to a method for preparing a catalyst from a catalytic precursor including an alumina and/or silica alumina and/or zeolite support and including at least one Group VIB element and optionally at least one Group VIII element said method involving impregnating said precursor with a solution of a C1 C4 dialkyl succinate. The method comprises a step (step 1) of impregnating said dried calcined or regenerated precursor with at least one solution containing at least one carboxylic acid other than acetic acid followed by aging and drying at a temperature of less than or equal to 200°C optionally followed by a heat treatment at a temperature of less than 350°C step 1 being followed by impregnation (step 2) with a solution containing at least one C1 C4 dialkyl succinate followed by aging and drying at a temperature of less than 200°C without a subsequent calcining step. The catalyst is used in hydroprocessing and/or hydroconversion.

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

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention : AUTOMATIC DETECTION AND COMPENSATION OF FREQUENCY OFFSET OF A CLOCK RECOVERY

(51) International classification :H04L7/033,H03L7/07,H04L7/00 (71) Name of Applicant: (31) Priority Document No 1)OUALCOMM INCORPORATED :13/401020 (32) Priority Date :21/02/2012 Address of Applicant : Attn: International IP Administration (33) Name of priority country 5775 Morehouse Drive San Diego California 92121 U.S.A. :U.S.A. (86) International Application (72) Name of Inventor: :PCT/US2013/026923 1)KONG Xiaohua :20/02/2013 Filing Date 2)ZHU Zhi (87) International Publication 3)DANG Nam V. :WO 2013/126440 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

### (57) Abstract:

Systems and methods for automatic detection and compensation of frequency offset in point to point communication. A burst mode clock and data recovery (CDR) system comprises input data received at a first frequency and a reference clock operating at a second frequency. A master phase locked loop (PLL) comprising a first gated voltage controlled oscillator (GVCO) is configured to align the phases of reference clock and the input data and provide phase error information and a recovered clock. A second GVCO is controlled by the recovered clock to sample the input data. A frequency alignment loop comprising a feedback path from the second GVCO to the master PLL is configured to use the phase error information to correct a frequency offset between the first frequency and the second frequency. In a second embodiment the clock of the master PLL is supplied to an interpolator which is controlled by the phase error information.

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

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

### (54) Title of the invention: METHOD AND DEVICES FOR OBSCURING DEVICE IDENTIFIER

(51) International :H04L29/06,H04W12/02,H04L9/18

(31) Priority Document No :61/601620 (32) Priority Date :22/02/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/027409

No :22/02/2013

Filing Date

(87) International Publication :WO 2013/126759

(61) Patent of Addition to
Application Number :NA

Application Number :NA :NA

(62) Divisional to Application :NA
Number :NA

Filing Date

(57) Abstract:

(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:

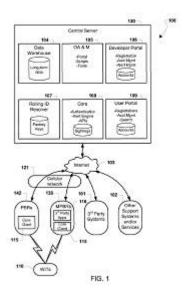
1) WURSTER Charles S.

2)SHANG Ning 3)THOMAS Panos 4)SPRIGG Stephen A. 5)HOHLFELD Matthew

6)MCLEAN Ivan Hugh

Methods systems and devices enable synchronizing obscured identification information between a wireless identity transmitter (110) and a central server (120) to support one way communication of the obscured identification information to the central server. The wireless identity transmitter (110) may be a compact device configured to broadcast messages such as through Bluetooth ® advertisements including an obscured identifier for receipt and relay to the central server (120) by proximate proximity broadcast receivers (138 142) via sighting messages that may also include location information. The central server (120) may decode received identification codes to identify the wireless identity transmitter. The wireless identity transmitter may create message data by concatenating identifying information with an incrementing nonce encrypting the concatenated information and truncating the

concatenating identifying information with an incrementing nonce encrypting the concatenated information and truncating the encrypted information. Alternatively concatenated identification information may be encrypted with a pseudo random function and a secret key known by the central server. The central server that may compare received data to pre calculated encrypted data.



No. of Pages: 241 No. of Claims: 128

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

### (54) Title of the invention: A CIRCUIT FOR DETECTING A VOLTAGE CHANGE USING A TIME TO DIGITAL CONVERTER

(51) International classification :G01R19/255, (31) Priority Document No :13/401296 (32) Priority Date :21/02/2012 (33) Name of priority country :U.S.A.

(86) International Application No
Filing Date

PCT/US2013/027194

:21/02/2013

(87) International Publication No :WO 2013/126611

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

:G01R19/255,G04F10/00 (71)**Name of Applicant :** 

1)QUALCOMM INCORPORATED

Address of Applicant : Attn: International IP Administration

5775 Morehouse Drive San Diego CA 92121 U.S.A.

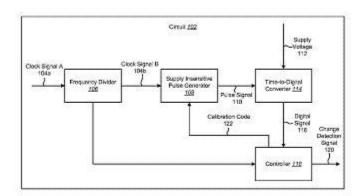
(72)Name of Inventor:

1)PARK Sang Wook

2)RAGHUNATHAN Ashwin 3)PEDRALI NOY Marzio

#### (57) Abstract:

A circuit for detecting a voltage change is described. The circuit includes a supply insensitive pulse generator that generates a pulse signal. The circuit also includes a time to digital converter coupled to the supply insensitive pulse generator. The time to digital converter generates a digital signal based on the pulse signal and a voltage. The circuit also includes a controller coupled to the time to digital converter that detects a voltage change based on the digital signal.



No. of Pages: 50 No. of Claims: 30

(21) Application No.5458/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :15/07/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : HYBRID WRITE THROUGH/WRITE BACK CACHE POLICY MANAGERS AND RELATED SYSTEMS AND METHODS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:61/586937 :16/01/2012 :U.S.A.	(71)Name of Applicant:  1)QUALCOMM INCORPORATED  Address of Applicant: Attn: International Ip Administration  5775 Morehouse Drive San Diego California 92121 U.S.A.  (72)Name of Inventor:  1)SASSONE Peter G.  2)KOOB Christopher Edward  3)VANTREASE Dana M.  4)VENKUMAHANTI Suresh K.  5)CODRESCU Lucian
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### (57) Abstract:

Embodiments disclosed in the detailed description include hybrid writethrough/ write back cache policy managers and related systems and methods. A cache write policy manager is configured to determine whether at least two caches among a plurality of parallel caches are active. If all of one or more other caches are not active the cache write policy manager is configured to instruct an active cache among the parallel caches to apply a write back cache policy. In this manner the cache write policy manager may conserve power and/or increase performance of a singly active processor core. If any of the one or more other caches are active the cache write policy manager is configured to instruct an active cache among the parallel caches to apply a write through cache policy. In this manner the cache write policy manager facilitates data coherency among the parallel caches when multiple processor cores are active.

No. of Pages: 30 No. of Claims: 23

(21) Application No.5459/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :15/07/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention : METHOD FOR THREE DIMENSIONAL LOCALIZATION OF AN OBJECT FROM A TWO DIMENSIONAL MEDICAL IMAGE

(51) International classification: A61B19/00, A61B6/00, A61B6/12 (71) Name of Applicant: (31) Priority Document No :61/587469 1)SUNNYBROOK HEALTH SCIENCES CENTRE (32) Priority Date :17/01/2012 Address of Applicant :2075 Bayview Avenue Toronto Ontario (33) Name of priority country :U.S.A. M4N 3M5 Canada (72) Name of Inventor: (86) International Application :PCT/CA2013/050023 1)ROBERT Normand :16/01/2013 Filing Date 2) CRYSTAL Eugene (87) International Publication :WO 2013/106926 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

#### (57) Abstract:

A method for determining the three dimensional location of an object in realtime from a two dimensional medical image obtained with a medical imaging system is provided. For example the three dimensional location of an interventional medical device or a marker positioned on such a device may be determined from a two dimensional x ray image obtained with an interventional x ray imaging system. Template images corresponding to the object under different imaging geometries and orientations are produced and are compared to images acquired with the medical imaging system. Similarity measures such as normalized cross correlation and normalized similarity integral are used to determine the similarity between a selected template image and the medical images in different stages of refining the position information for the object.

No. of Pages: 35 No. of Claims: 20

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

### (54) Title of the invention: LED BASED DIRECT VIEW LUMINAIRE WITH UNIFORM LIT APPEARANCE

(51) International classification :F21K99/00,F21V5/04,F21V7/00 (71)Name of Applicant:

(31) Priority Document No :61/586156 (32) Priority Date :13/01/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/IB2013/050222

No :10/01/2013 Filing Date

(87) International Publication No:WO 2013/105046

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

Filing Date

1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72) Name of Inventor:

1)LACROIX Luc Guy Louis

### (57) Abstract:

Disclosed are methods and apparatus related to an LED based luminaire (10) that redirects substantially all light output from LEDs (40) thereof off of an interior reflective surface at least once prior to the light exiting the LED based luminaire (10). In some embodiments an LED based luminaire (10) is provided that includes a housing having a light output opening (20) a reflective interior surface a diffusing cover lens (30) across the light output opening (20) and a plurality of optics (50) that are configured to redirect light output from a plurality of LEDs (40) within the lighting fixture (10).

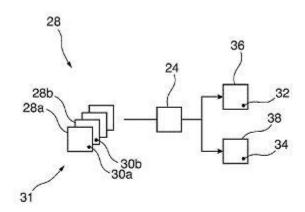


FIG. 2

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

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 04/03/2016

# (54) Title of the invention : GENERATING ATTENUATION IMAGE DATA AND PHASE IMAGE DATA IN AN X RAY SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:A61B6/00 :61/585761 :12/01/2012 :U.S.A. :PCT/IB2012/057717 :26/12/2012 :WO 2013/104966 :NA :NA	(71)Name of Applicant:  1)KONINKLIJKE PHILIPS N.V.  Address of Applicant: High Tech Campus 5 NL 5656 AE  Eindhoven Netherlands (72)Name of Inventor:  1)KOEHLER Thomas 2)R–SSL Ewald
* *		

#### (57) Abstract:

In generating phase image data 38 first x ray image data 28a comprising first pixel wise measurement signal values 30a and second x ray image data 28b comprising second pixel wise measurement signal values 30bare received. The first x ray image data 28awas obtained in a first measurement mode and the second x ray image data 28b was obtained in a second measurement mode different from the first measurement mode. Phase image data 38 comprising pixel wise phase values 34 from the first and second x ray image data 28a 28bis determined by determining a phase value 34 at a pixel 31 from a first measurement signal value 30a obtained in a first measurement mode at the pixel 31 and a second measurement signal value 30b obtained in a second measurement mode at the pixel 31.

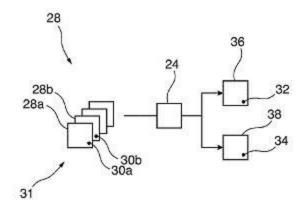


FIG. 2

No. of Pages: 23 No. of Claims: 15

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: MR IMAGING WITH B1 MAPPING

(51) International classification	:G01R33/24	(71)Name of Applicant :
(31) Priority Document No	:61/585726	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:12/01/2012	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2013/050084	(72)Name of Inventor:
Filing Date	:04/01/2013	1)NEHRKE Kay
(87) International Publication No	:WO 2013/105006	2)BOERNERT Peter
(61) Patent of Addition to Application	:NA	3)GRAESSLIN Ingmar
Number	:NA	4)KATSCHER Ulrich
Filing Date	.IVA	5)LEUSSLER Christoph
(62) Divisional to Application Number	:NA	6)EGGERS Holger
Filing Date	:NA	

#### (57) Abstract:

1212The invention relates to a method of MR imaging wherein a portion of a body placed in the examination volume of an MR device is subjected to an imaging sequence of RF pulses and switched magnetic field gradients. The imaging sequence is a stimulated echo sequence including i) two preparation RF pulses (a) radiated toward the portion of the body during a preparation period (21) and ii) reading RF pulses () radiated toward the portion of the body during an acquisition period (22) temporally subsequent to the preparation period (21). FID signals (I) and stimulated echo signals I) are acquired during the acquisition period (22) with equal T2 weighting. A B1map indicating the spatial distribution of the RF field of the preparation RF pulses within the portion of the body is derived from the acquired FID (I) and stimulated echo (I) signals.

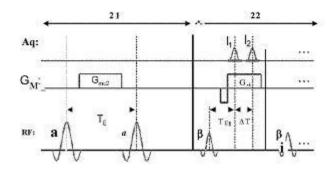


Fig. 2

No. of Pages: 34 No. of Claims: 26

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: INVERTER WITH LESS SNUBBER CAPACITORS

(51) International (71) Name of Applicant: :H02M7/483,H02M7/487,H02M1/34 classification 1)KONINKLIJKE PHILIPS N.V. (31) Priority Document No :61/585767 Address of Applicant : High Tech Campus 5 NL 5656 AE (32) Priority Date :12/01/2012 Eindhoven Netherlands (72) Name of Inventor: (33) Name of priority :U.S.A. country 1)WOYWODE Oliver (86) International 2)LUERKENS Peter :PCT/IB2013/050150 Application No :08/01/2013 Filing Date (87) International :WO 2013/105017 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

### (57) Abstract:

An electrical inverter 18 for transforming an DC current into an AC current comprises at least one half bridge 54. The half bridge 54 comprises at least two series connected semiconductor switches 58a 58b 58c 58d interconnecting an input terminal 54 56 with an output terminal 50 of the inverter 18. A snubber capacitor 62a 62b is connected in parallel to at least two semiconductor switches 58a 58b 58c 58d of the half bridge 54.

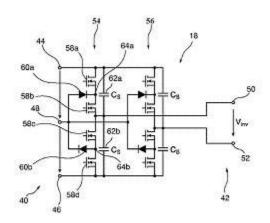


FIG. 3

No. of Pages: 19 No. of Claims: 13

(21) Application No.5495/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/07/2014 (43) Publication Date: 04/03/2016

### (54) Title of the invention: MULTI BIT MAGNETIC TUNNEL JUNCTION MEMORY AND METHOD OF FORMING SAME

(51) International :G11C11/15,G11C11/16,H01L43/08

classification

(31) Priority Document No :13/356530 (32) Priority Date :23/01/2012 (33) Name of priority country: U.S.A.

(86) International Application: PCT/US2013/022789

No :23/01/2013

Filing Date

(87) International Publication :WO 2013/112615 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)QUALCOMM INCORPORATED

Address of Applicant : Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.

(72) Name of Inventor:

1)WU Wenqing

2)LI Sean

3)ZHU Xiaochun

4)MADALA Raghu Sagar

5)KANG Seung H.

6)YUEN Kendrick H.

### (57) Abstract:

A spin torque transfer (STT) magnetic tunnel junction (MTJ) memory includes a unitary fixed magnetic layer a magnetic barrier layer on the unitary fixed magnetic layer a free magnetic layer having a plurality of free magnetic islands on the magnetic barrier layer and a cap layer overlying the free magnetic layer. Also a method of forming an STT MTJ memory.

No. of Pages: 29 No. of Claims: 54

(21) Application No.5496/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: THROUGHPUT IMPROVEMENT FOR CABAC COEFFICIENT LEVEL CODING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:61/587624 :17/01/2012 :U.S.A.	(71)Name of Applicant:  1)QUALCOMM INCORPORATED  Address of Applicant: ATTN: International IP Administration  5775 Morehouse Drive San Diego California 92121 1714 U.S.A.  (72)Name of Inventor:  1)KARCZEWICZ Marta  2)CHEN Jianle  3)CHIEN Wei Jung  4)JOSHI Rajan Laxman
Filing Date (62) Divisional to Application Number	:NA :NA	4)JOSHI Rajan Laxman
Filing Date	:NA	

#### (57) Abstract:

This disclosure proposes various techniques for limiting the number of bins that are coded using an adaptive context model with context adaptive binary arithmetic coding (CABAC). In particular this disclosure proposes to limit the number of bins that use CABAC for coding level information of transform coefficients in a video coding process.

No. of Pages: 90 No. of Claims: 50

(21) Application No.5497/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/07/2014 (43) Publication Date: 04/03/2016

### (54) Title of the invention: ANTIBODIES AGAINST CD38 FOR TREATMENT OF MULTIPLE MYELOMA

(51) International :C07K16/28,A61K39/395,A61P35/00

classification

(31) Priority Document No :PA 2005 00429 (32) Priority Date :23/03/2005 (33) Name of priority :Denmark

country

(86) International :PCT/DK2006/000166 Application No

:23/03/2006 Filing Date

(87) International

:WO/2006/099875 Publication No

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

Filing Date

(62) Divisional to :4718/CHENP/2007 **Application Number** 

:23/03/2006 Filed on

(71) Name of Applicant:

1)GENMAB A/S

Address of Applicant :Bredgade 34, P.O. Box 9068, DK-1260

Copenhagen K, Denmark Denmark

(72)Name of Inventor:

1)DE WEERS, Michel

2)GRAUS, Yvo 3) OPRINS, Judith 4)PARREN, Paul

5)VAN DE WINKEL, Jan 6)VAN VUGT, Martine

## (57) Abstract:

This invention relates to an antibody binding to human CD38 encoded by (i) human light chain and human heavy chain nucleic acids comprising nucleotide sequences in their variable regions as set forth in SEO ID No:1 and SEO ID No:6, respectively; or (ii) human light chain and human heavy chain nucleic acids comprising nucleotide sequences in their variable regions, which are conservative sequence modifications of the sequences as set forth in (i). This invention also discloses nucleic acid, expression vectors, immunoconjugate, pharmaceutical composition kit etc., thereof.

No. of Pages: 285 No. of Claims: 40

(21) Application No.5498/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/07/2014 (43) Publication Date: 04/03/2016

### (54) Title of the invention: ANTIBODIES AGAINST CD38 FOR TREATMENT OF MULTIPLE MYELOMA

:C07K16/28,A61K39/395,A61P (71)Name of Applicant : (51) International classification

35/00

(31) Priority Document No :PA 2005 00429 (32) Priority Date :23/03/2005 (33) Name of priority country :Denmark

(86) International Application No :PCT/DK2006/000166

Filing Date :23/03/2006 (87) International Publication No: WO/2006/099875

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

(62) Divisional to Application

:4718/CHENP/2007 Number :23/03/2006

Filed on

1)GENMAB A/S

Address of Applicant :Bredgade 34, P.O. Box 9068, DK-1260

Copenhagen K, Denmark. Denmark

(72) Name of Inventor:

1)DE WEERS, Michel

2) GRAUS, Yvo 3) OPRINS, Judith 4)PARREN, Paul

5)VAN DE WINKEL, Jan 6) VAN VUGT, Martine

#### (57) Abstract:

This invention relates to an antibody binding to human CD38 encoded by (i) human light chain and human heavy chain nucleic acids comprising nucleotide sequences in their variable regions as set forth in SEQ ID No:11 and SEQ ID No:16, respectively; or (ii) human light chain and human heavy chain nucleic acids comprising nucleotide sequences in their variable regions, which are conservative sequence modifications of the sequences as set forth in (i). This invention also discloses nucleic acid, expression vectors, immunoconjugate, pharmaceutical composition kit etc., thereof.

No. of Pages: 287 No. of Claims: 52

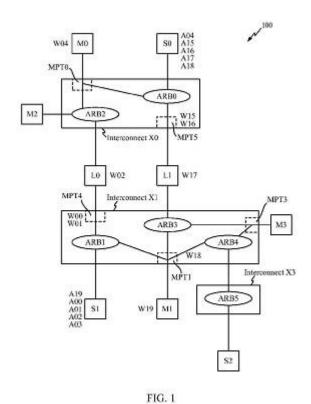
(22) Date of filing of Application :16/07/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: TRANSACTION ORDERING TO AVOID BUS DEADLOCKS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:G06F13/40 :61/589582 :23/01/2012 :U.S.A. :PCT/US2013/022785 :23/01/2013 :WO 2013/112612	(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)NOONEY Prudhvi N.  2)CANASAN Java Prakash Suhramaniam
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	2)GANASAN Jaya Prakash Subramaniam 3)WOLFORD Barry Joe

#### (57) Abstract:

Methods and apparatus for transaction ordering to avoid bus deadlocks are provided. In an exemplary method custom routing rules for data transport are defined for data transport between a plurality of masters and a plurality of slaves via a plurality of interconnects based on a network topology and traffic profile. In an example the customized rule allows a request address to arbitrate in a first phase of arbitration at a first interconnect in the plurality of interconnects prior to receiving write data associated with the request address at a second interconnect in the plurality of interconnects and does not allow the request address to arbitrate during a subsequent second phase of arbitration unless the request address beats other competing address requests.



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

(21) Application No.3726/KOLNP/2015 A

(19) INDIA

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

(43) Publication Date: 04/03/2016

### (54) Title of the invention: DYNAMIC POWER FLOW CONTROLLERS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:H02J3/18 :61/815,241 :23/04/2013 :U.S.A.	(71)Name of Applicant:  1)VARENTEC, INC.  Address of Applicant: 1531 Atteberry Lane, San Jose, CA 95131 UNITED STATES OF AMERICA.
<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:PCT/US2014/035210 :23/04/2014 :WO 2014/176381 :NA :NA :NA	(72)Name of Inventor: 1)DIVAN, Deepakraj, M. 2)PRASAI, Anish

### (57) Abstract:

Dynamic power flow controllers are provided. A dynamic power flow controller may comprise a transformer and a power converter. The power converter is subject to low voltage stresses and not floated at line voltage. In addition, the power converter is rated at a fraction of the total power controlled. A dynamic power flow controller controls both the real and the reactive power flow between two AC sources having the same frequency. A dynamic power flow controller inserts a voltage with controllable magnitude and phase between two AC sources; thereby effecting control of active and reactive power flows between two AC sources.

No. of Pages: 43 No. of Claims: 13

(21) Application No.3727/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 10/11/2015 (43) Publication Date: 04/03/2016

### (54) Title of the invention: DEVICE AND METHOD FOR OPTIMALLY ADJUSTING THE LENS PLATE IN A CPV MODULE

(51) International classification :G02B3/00,H01L31/042,H01L31/052

(31) Priority Document No :10 2013 006 264.0 (32) Priority Date :11/04/2013

(33) Name of priority country :Germany

(86) International :PCT/DE2014/000186

Application No Filing Date :10/04/2014

(87) International

Publication No :WO 2014/166477

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

(71)Name of Applicant:

1)GRENZEBACH MASCHINENBAU GMBH

Address of Applicant: Albanusstrasse 1-3, 86663 Asbach-

Bäumenheim GERMANY (72)Name of Inventor:
1)NEUHÄUSLER, Ulrich

## (57) Abstract:

The invention relates to a device and a method for optimally adjusting the lens plate in a CPV module which consists of a plurality of CPV sensors and a plurality of lenses mounted over the sensors at a distance from the focal length of said sensors in a container, having the following features: a) a sensor support plate (1) with a plurality of CPV sensors (5), b) a lens plate (2) with a number of lenses, said number corresponding to the number of CPV sensors, c) a fixed lens plate (3) mounted parallel to the position of the lens plate (2), d) a number of sensors which are oriented parallel to the lens plate (3), said number corresponding to the number of CPV sensors, e) two devices (12, 13) for adjusting the lens plate (2) in two horizontal directions, and f) a control device (9) for evaluating output signals, said control device (9) controlling the two devices (12, 13) dependent on characteristics of the output signals.

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

(21) Application No.3728/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention : PROGRAM, INFORMATION PROCESSING SYSTEM, AND INFORMATION PROCESSING DEVICE

:2013-104512 :16/05/2013 :Japan :PCT/JP2014/062538 :01/05/2014 :WO 2014/185362 :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)KATO, Yoshinaga
:NA :NA	
	:2013-104512 :16/05/2013 :Japan :PCT/JP2014/062538 :01/05/2014 :WO 2014/185362 :NA :NA

#### (57) Abstract:

A program for causing an information processing device connected to an apparatus to perform a method includes acquiring from the apparatus a display setting representing a setting of display for one or more user interface components displayed by the apparatus; selecting, in response to the acquired display setting, one of display settings representing a setting of display for one or more user interface components displayed on a screen of the information processing device; and displaying the one or more user interface components on the screen of the information processing device in accordance with the selected display setting.

No. of Pages: 121 No. of Claims: 9

(21) Application No.3729/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 10/11/2015 (43) Publication Date: 04/03/2016

### (54) Title of the invention: AUTOMATIC INJECTION DEVICE FOR ADMINISTRATION OF HIGH VISCOSITY MEDICATION

(51) International classification :A61M5/20,A61M5/24,A61M5/31 (71)Name of Applicant : (31) Priority Document No :61/815,257

(32) Priority Date :23/04/2013 (33) Name of priority country :U.S.A.

(86) International Application :PCT/IL2014/050375

No :23/04/2014 Filing Date

(87) International Publication :WO 2014/174519

(61) Patent of Addition to

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

:NA Number :NA Filing Date

(57) Abstract:

1)ELCAM MEDICAL AGRICULTURAL COOPERATIVE ASSOCIATION LTD.

Address of Applicant : Kibbutz Bar-Am, 1386000 Merom

HaGalil ISRAEL

(72) Name of Inventor: 1)RADAY, Lior

2) CARMEL, Udi

An automatic injection device configured for injection of a material stored in a syringe into an injection site, the syringe including a generally cylindrical storage container and a piston disposed therewithin, whose exact initial axial position within the container is not predetermined, wherein axial forward displacement of the piston in the container forces the material forwardly out of the container, the automatic injection device including at least one spring drive assembly operative, when actuated, to initially apply a first axial force to the syringe, thereby to axially displace the syringe in a forward direction, and thereafter, responsive to driving engagement with the piston, to apply a second axial force, substantially greater than the first axial force, notwithstanding the fact that the exact axial position of the piston within the container is not predetermined, to the piston, thereby to axially forwardly displace the piston relative to the syringe.

No. of Pages: 79 No. of Claims: 17

(21) Application No.3730/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 10/11/2015 (43) Publication Date: 04/03/2016

# (54) Title of the invention : COMPOSITIONS AND METHODS FOR TREATING AND PREVENTING MACULAR DEGENERATION

:A61K38/17,A61P27/02 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)GENZYME CORPORATION :61/813,014 :17/04/2013 (32) Priority Date Address of Applicant: 500 Kendall Street, Cambridge, (33) Name of priority country Massachusetts 02142 UNITED STATES OF AMERICA. :U.S.A. (86) International Application No :PCT/US2014/034538 2)THE UNITED STATES OF AMERICA AS Filing Date :17/04/2014 REPRESENTED BY THE SECRETARY, DEPARTMENT (87) International Publication No :WO 2014/172560 OF HEALTH AND HUMAN SERVICES (61) Patent of Addition to Application (72) Name of Inventor: :NA Number 1)WADSWORTH, Samuel :NA Filing Date 2)SCARIA, Abraham (62) Divisional to Application Number :NA 3) CHAN, Chi-Chao Filing Date :NA

### (57) Abstract:

Compositions and methods for treating macular degeneration are disclosed. The methods utilize IL17 inhibitors, such as IL17 receptors, as well as fusion proteins including an IL17 receptor fused with a multimerization domain, and recombinant viral vectors encoding such fusions.

No. of Pages: 87 No. of Claims: 62

(21) Application No.3731/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention : PORTABLE DEVICE CAPABLE OF CONTROLLING OUTPUT CHARACTERISTICS OF ADAPTOR, AND CORRESPONDING METHOD

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:H02J7/04 :61/830,486 :03/06/2013 :U.S.A. :PCT/CN2014/079099 :03/06/2014 :WO 2014/194810 :NA :NA	(71)Name of Applicant:  1)MEDIATEK INC.  Address of Applicant:NO. 1 DUSING ROAD 1ST, SCIENCE-BASED INDUSTRIAL PARK, HSIN-CHU, TAIWAN PEOPLE'S REPUBLIC OF CHINA (72)Name of Inventor: 1)HSU, Chih-Yuan 2)LEE, Chi-Ming
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

A portable device capable of controlling output characteristics of an adaptor used for charging a battery of the portable device includes a sensing circuit and a controlling circuit. The sensing circuit senses a condition of the battery. The controlling circuit controls the adaptor to adjust its output characteristics based on the condition of the battery.

No. of Pages: 22 No. of Claims: 25

(21) Application No.3732/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 10/11/2015 (43) Publication Date: 04/03/2016

### (54) Title of the invention: ODORANT KETONES

(51) International :C11B9/00,C07C49/553,A61Q13/00 classification

(31) Priority Document No :13169301.2

(32) Priority Date :27/05/2013

(33) Name of priority country: EPO

(86) International Application: PCT/EP2014/059664

No :12/05/2014 Filing Date

(87) International Publication :WO 2014/191187 No

(61) Patent of Addition to :NA

**Application Number** :NA Filing Date

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

Filing Date

(57) Abstract:

(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)BIRKBECK, Anthony A.

The present invention concerns compounds of formula (I) in the form of any one of its stereoisomers or a mixture thereof, and wherein each R, independently from each other, represents a hydrogen atom or a methyl or ethyl group provided that at least one of said R groups represents a methyl or ethyl group, and R1 represents a methyl or ethyl group. Said compounds are useful in perfumery to impart odor notes of the woody, balsamic type.

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

(22) Date of filing of Application: 10/11/2015 (43) Publication Date: 04/03/2016

# (54) Title of the invention : APPARATUS AND METHOD FOR HIGH EFFICIENCY FIXED TARGET SOLAR THERMAL CONCENTRATOR POWER PLANTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H02S20/30 :61/814,765 :22/04/2013 :U.S.A. :PCT/CN2014/075929 :22/04/2014 :WO 2014/173287 :NA :NA :NA	(71)Name of Applicant:  1)E-CUBE ENERGY TECHNOLOGIES, LTD.  Address of Applicant: P.O. Box 3213, Saratoga, California 95070 UNITED STATES OF AMERICA. (72)Name of Inventor:  1)XIANG, Xiaodong 2)WU, Lu
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#### (57) Abstract:

A fixed target solar thermal tower design is provided that utilizes a low number of collector modules (32, 172, 191), e.g. 5 to 30, mounted on solar-tracking mechanisms. The collector modules may be rotatable so as to reflect incident sunlight onto a target receiver (1200, 192) mounted on a tower (31, 171), and substantially all of the collector modules for a given tower may be located in a rectangular area that extends polewards from the tower by a distance of approximately three times the height h of the target receiver and that is approximately h wide. Each collector module may have a plurality of reflectors (42, 43, 194, 201, 202, 203) that are angled so as to reflect incident light generally towards a common point on the target receiver. Multiple such solar thermal tower plants may be collocated and ganged together to provide higher overall power output.

No. of Pages: 93 No. of Claims: 26

(21) Application No.3734/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/11/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: ANTI-IL-4/ANTI-IL-13 BISPECIFIC ANTIBODY FORMULATIONS

:A61K39/395,C07K16/24 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/816,899 1)SANOFI (32) Priority Date :29/04/2013 Address of Applicant: 54 rue La Boétie, F-75008 Paris (33) Name of priority country :U.S.A. **FRANCE** (86) International Application No :PCT/EP2014/058733 (72) Name of Inventor: Filing Date :29/04/2014 1) CARAYON, Sophie (87) International Publication No :WO 2014/177568 2)BOUSSIF, Otmane (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

The present invention provides stable pharmaceutical antibody formulations, including lyophilized formulations, comprising an anti-IL-4/anti-IL-13 bispecific antibody and a buffering system, wherein the pH of the formulation is about pH 7, and wherein the formulation has a low salt concentration in order to reduce the ionic strength of the formulation. The formulations may, optionally, further comprise a non-ionic surfactant, a sugar, and/or a non-ionic stabilizing agent. The formulations can be used in the treatment of various diseases.

No. of Pages: 134 No. of Claims: 40

(21) Application No.3737/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 12/11/2015 (43) Publication Date: 04/03/2016

# (54) Title of the invention : A CARD, AN ASSEMBLY, A METHOD OF ASSEMBLING THE CARD AND A METHOD OF OUTPUTTING INFORMATION

(51) International classification	:G06K19/06 :PCT/EP2013/057671	(71)Name of Applicant:
<ul><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:12/04/2013	1)CARDLAB APS Address of Applicant :Lyskær 3 EF, DK-2730 Herlev
(33) Name of priority country	:EPO	DENMARK
(86) International Application No		(72)Name of Inventor:
Filing Date	:14/04/2014	1)NIELSEN, Finn
(87) International Publication No	:WO 2014/167136	2)SPEIERMANN, Finn
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A card configured to output an magnetic field on or at a surface thereof the card comprising an elongated magnetically conducting material on or at the surface of the card the magnetically conducting material having a first and a second guide ends and a field generator positioned so as to feed a magnetic field into the magnetically conducting material. The magnetically conducting material is positioned at the position where the reading head travels and forms a return path for the field generated by the field generator whereby field from the generator is fed to the reading head via the magnetically conducting material.

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

(21) Application No.3741/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 12/11/2015 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: A DRUM FILTER APPARATUS

(51) International :B01D33/067,B01D33/00,B01D33/07

classification (31) Priority Document No :20135542

(31) Priority Document No :20135542 (32) Priority Date :21/05/2013 (33) Name of priority :Finland

(86) International :PCT/FI2014/050384

Application No
Filing Date

1 C1712014/05
20/05/2014

(87) International :WO 2014/188068

Publication No
(61) Patent of Addition to
Application Number
Filing Date

.WG
:NA
:NA

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)OUTOTEC (FINLAND) OY

Address of Applicant: Rauhalanpuisto 9, FI-02230 Espoo

**FINLAND** 

(72)Name of Inventor: 1)KAARNISTO, Pasi

## (57) Abstract:

The apparatus (10) comprises a cylindrical drum (20) supported with a rim structure (21, 22) on a shaft (25). An outer surface of the drum (20) comprises a number of filter plates(23) forming a cylindrical filter surface. Each filter plate (23) is attached through at least three fastening points (P1, P2, P3) to the rim structure (21, 22). A first recess (46) extends into the filter plate (23) and a fastening flange (110) is positioned at least partly in the first recess (46). A longitudinal fastening member (120) is attached from a first end portion (121) to the fastening flange (110) and from a second end portion (122) to the rim structure (21, 22). At least one snap locking means (140) is positioned in the fastening flange (110) or in the rim structure (21, 22) or in both. The filter plate (23) is mounted on the drum (20) by pressing the filter plate (23) radially to the drum (20) so that the snap locking means (140) locks the filter plate (23) to the rim structure (21, 22) of the drum (20). The outer surface of the filter plate (23) will be unbroken, which leads to a bigger effective filter area in the filter plate (23).

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

(21) Application No.3742/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 12/11/2015 (43) Publication Date: 04/03/2016

# (54) Title of the invention : PRODUCTION LINES FOR PRODUCING CORE COMPONENTS OF DYNAMO ELECTRIC MACHINES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H02K15/00 :PI2013A000031 :19/04/2013 :Italy :PCT/IB2014/060440 :04/04/2014 :WO 2014/170790 :NA :NA :NA	(71)Name of Applicant: 1)ATOP S.P.A. Address of Applicant: Strada S. Appiano 8/A, I-50021 Barberino Val D'Elsa ITALY (72)Name of Inventor: 1)SANTANDREA, Marco
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#### (57) Abstract:

A production line (100,200,300,400) for manufacturing wound core components (10,10) of a dynamo electric machine, comprising a central processing zone (101) provided with at least a winder (104,104) for winding coils (15) to produce wound core components, a downstream processing zone (111) for finishing the wound core components. The production line further comprises a first load and unload device (105) for transferring the core components to be wound to at least a winder (104,104) from a waiting position (103a), or from an upstream transport carrier (108a), located at a first position (G), for transferring core components to be wound from an upstream processing zone (201). The first load and unload device (105) transferring wound core components from the at least a winder (104,104) to a downstream transport carrier (108b), located at a second position (A), for transferring wound core components to the downstream processing zone (111).

No. of Pages: 32 No. of Claims: 12

(43) Publication Date: 04/03/2016 (22) Date of filing of Application: 12/11/2015

### (54) Title of the invention: DRAIN VALVE IMPLANTABLE IN THE EYE OF A PATIENT FOR THE TREATMENT OF **GLAUCOMA**

(51) International classification :A61F9/007 (31) Priority Document No :MI2013A000783 (32) Priority Date :13/05/2013 (33) Name of priority country :Italy

(86) International Application No Filing Date :12/05/2014 :WO 2014/184725

(87) International Publication No (61) Patent of Addition to Application

:NA Number Filing Date (62) Divisional to Application Number :NA Filing Date :NA (71)Name of Applicant: 1)ITH T3 PLUS S.R.L.

Address of Applicant: Viale Rinaldo Piaggio 32 I-56026

Pontedera (PI) ITALY :PCT/IB2014/061378 (72)Name of Inventor : 1)TORELLO, Giulio 2) RICCI, Alfredo

:NA

(57) Abstract:

A drain valve (10) implantable surgically in the eye (O) of a patient for the treatment of glaucoma, comprising a main body (11), and a drainage tube (12), connected at one end with the main body (11) and provided to be implanted in the eye (O) so as to penetrate with its distal tip inside the anterior chamber (CA) of the eye globe (GO), so as to allow the drainage outwards of the aqueous humour (UA), wherein the valve (10) is characterised by a series of significant improvements, including: 1) an extractable configuration (12a, 12b) of the drainage tube (12), to allow the adaptation (fl) of the length of the drainage tube (12) during the surgical operation to implant the valve (10); 2) a flattened or flat shape in section (12) of the drainage tube (12, 12a, 12b) suitable for reducing the dimensions in the radial direction (IR) of the drainage tube (12) with respect to the surface of the eye globe (GO); 3) a connection free from encumbrances between the tip portion (12f) of the drainage tube (12), provided to penetrate inside the eye globe (GO, CA), and the remaining part (12b) of the drainage tube (12); 4) a series of retaining bags or compartments (11b), formed along the lower or soffit surface (S) of the main body (11) in contact with the surface of the eye globe (GO), wherein these retaining bags (11b) are associated with respective through holes (11a) extended through the same main body (11) of the valve and are suitable for receiving and retaining the aqueous humour (UA), so as to improve lubrication of the eyeball in the zone of the valve, once implanted; 5) a divergent fan-shaped opening (11c) formed on the extrados (S), not in contact with the eye globe, of the main body (11) of the valve, in order to convey the aqueous humour (UA) and improve the lubrication around the drain valve (10), once implanted; and 6. a modified configuration, with respect to conventional drain valves, such as to allow, during the surgical operation, an arrangement, closer to the iris, of the holes (11d) for the insertion of the yarn for fixing the valve to the surface of the eye globe. Thanks to these improvements the drain valve (10) ensures considerably improved and superior performances with respect to the currently known drain valves in use in the medical field for treating glaucoma.

No. of Pages: 32 No. of Claims: 9

(21) Application No.3818/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application:19/11/2015 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: RAILWAY VEHICLE TRUCK

(51) International classification :B61F5/16,B61F5/14,B61F5/30 (71)Name of Applicant :

(31) Priority Document No :2013-091157 (32) Priority Date :24/04/2013

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2014/002104

Filing Date :14/04/2014 (87) International Publication No: WO 2014/174788

(61) Patent of Addition to :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 railyway vehicle truck (1) is provided with: a truck frame (4) having a cross beam (5) extending in the direction of vehicle width and a leaf spring (30) extending in the direction of vehicle length in the state of supporting both ends of the cross beam (5) in the direction of vehicle width, the truck frame (4) being able to rotate in the yawing direction with respect to a bolster (3); and stoppers (41A, 41B, 45A, 45B) that are provided to the truck frame (4) and that, when the truck frame (4) rotates in the yawing direction with respect to the bolster (3), contact interference members (51A, 51B, 55A, 55B) connected to the bolster (3), thus restricting the range of rotation. In the state of the truck frame (4) being in a neutral position in the vawing direction with respect to the bolster (3), the stoppers (41A, 41B, 45A, 45B) are disposed to the sides in the direction of vehicle width of the cross bream (5) in a manner so as to overlap the cross beam (5) in a lateral view.

No. of Pages: 31 No. of Claims: 6

(21) Application No.3819/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application:19/11/2015 (43) Publication Date: 04/03/2016

### (54) Title of the invention: COMPOSITION FOR ENHANCING IMMUNITY

(51) International classification: A23L1/30, A23L1/302, A23L1/303 (71) Name of Applicant:

(31) Priority Document No :13164434.6 (32) Priority Date :19/04/2013

(33) Name of priority country :EPO

(86) International Application :PCT/EP2014/058162

No :22/04/2014 Filing Date

(87) International Publication :WO 2014/170505

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

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

1)ACTIGENOMICS SA

Address of Applicant :Biopôle - Route de la Corniche 4, CH-

1066 Epalinges SWITZERLAND

(72) Name of Inventor:

1)BOURGEOIS, Marie-Françoise

2)CEFAÏ • , Daniel 3) WAHLI, Walter

4)PRINCE-DAVID, Mireille 5) TUYISENGE, Lisine

#### (57) Abstract:

The invention relates to preparations for dietary, food supplement or medical purposes and more specifically to a safe and natural preparation or a composition useful in immunity regulation and/or stimulation and in particular in the building, reinforcement, efficiency, maintenance and regeneration of natural immune defences in a subject. The preparations comprise magnesium, zinc and/or iron, blackcurrent seed oil and/or palm oil, two plant extracts selected from thyme, chickpea and lentil, as well as algae (fucus, wakame, nori), mushroom (shiitake, maitake), and at least one hydrosoluble vitamin and/or vitamin E.

No. of Pages: 73 No. of Claims: 17

(21) Application No.3820/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/11/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: SYNTHETIC RESIN PLAIN BEARING

(51) International classification	:B62D3/12,F16C17/10	(71)Name of Applicant :
(31) Priority Document No	:2013-102637	1)OILES CORPORATION
(32) Priority Date	:14/05/2013	Address of Applicant :2-70, Kounan 1-chome, Minato-ku,
(33) Name of priority country	:Japan	Tokyo 1080075 JAPAN
(86) International Application No	:PCT/JP2014/002430	(72)Name of Inventor:
Filing Date	:07/05/2014	1)NAKAGAWA, Noboru
(87) International Publication No	:WO 2014/185031	2)AKEDA, Kazuhiko
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

This plain bearing (4) is equipped with: a bearing base section (9) having a notched section (8); a bearing section (12) having an outer peripheral surface (10) that contacts the inner peripheral surface (3) of a gear case (2); a pair of bearing sections (14) that sandwich the bearing section (12) in the direction (R) around the axial center (O) with a pair of slits (13) respectively therebetween; and a pair of arc sections (17) that sandwich the pair of bearing sections (14) in the direction (R) around the axial center with a pair of slits (15) respectively therebetween.

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

(21) Application No.3821/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application:19/11/2015 (43) Publication Date: 04/03/2016

## (54) Title of the invention: METHOD OF APPLYING A COMPOSITION AND PHARMACEUTICAL COMPOSITION WITH A REGIMEN OF ADMINISTERING IT

(51) International :A61K41/00,A61K31/4709,A61K31/4745

classification

(31) Priority Document :1068/3

(32) Priority Date :05/06/2013 (33) Name of priority :Switzerland

country

(86) International

:PCT/CH2014/000075 Application No :04/06/2014

Filing Date

(87) International :WO 2014/194435

**Publication No** 

(61) Patent of Addition :NA to Application Number

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

:NA

(71)Name of Applicant: 1)HAFEZI, Farhad

Address of Applicant : Route de la Capite 151, CH-1222

Vésenaz SWITZERLAND

2) RICHOZ, Olivier

(72)Name of Inventor:

1)HAFEZI, Farhad

2)RICHOZ, Olivier

### (57) Abstract:

Filing Date

The invention addresses in particular the problem resistant pathogens and cancer cells. A method is provided of applying a composition to a human or non-human individual or to an object or a surface area and a pharmaceutical composition with a regimen of administering it to a human or non-human individual is provided. The composition comprises an active chemical component for killing of or retarding proliferation of target cells including pathogens, infected cells and cancer cells. The application of the composition and the regimen of administration of the composition are accompanied by at least one exposure to electromagnetic radiation in a range of wavelength, in which the active chemical component absorbs and which has a lower limit of 190 nm thereby photo-activating the active component.

No. of Pages: 131 No. of Claims: 46

(22) Date of filing of Application :18/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: GRAPHICAL USER INTERFACE FOR SURGICAL CONSOLE

(51) International classification	:A61B5/044	(71)Name of Applicant:
(31) Priority Document No	:61/868,672	1)NOVARTIS AG
(32) Priority Date	:22/08/2013	Address of Applicant :Lichtstrasse 35, CH-4056 Basel
(33) Name of priority country	:U.S.A.	SWITZERLAND
(86) International Application No	:PCT/US2014/046974	(72)Name of Inventor:
Filing Date	:17/07/2014	1)THOE, David A.
(87) International Publication No	:WO 2015/026457	2)BOUKHNY, Mikhail
(61) Patent of Addition to Application	:NA	3)SUTLIFF, Tiffany M.
Number	:NA	4)WOOLDRIDGE, Craig G.
Filing Date	.IVA	5)YOUNG, Mark
(62) Divisional to Application Number	:NA	6)KING, Keven G.
Filing Date	:NA	

### (57) Abstract:

A surgical system includes a control device, a touch screen display, and a GUI displayed on the touch screen display. A parameter icon has a parameter area, a first set point, a second set point, a parameter line extending from the first set point to the second set point, and a value orb located on the parameter line. The location of the value orb on the parameter line corresponds to a control position of the control device. A parameter value area is located under the parameter line and extends from the first set point to the value orb. A numerical parameter value is located in the parameter area. The parameter line represents a range of parameter values from the first set point to the second set point, and when the control device is a foot pedal, a range of travel of the foot pedal.

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

(21) Application No.3815/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 19/11/2015 (43) Publication Date: 04/03/2016

# (54) Title of the invention : TASK TIME ALLOCATION METHOD ALLOWING DETERMINISTIC ERROR RECOVERY IN REAL TIME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> </ul>	:1353630 :19/04/2013 :France :PCT/FR2014/050613 :17/03/2014 :WO 2014/170569 :NA	(71)Name of Applicant: 1)KRONO-SAFE Address of Applicant: Btiment Erable, 86 Rue de Paris, F- 91400 Orsay FRANCE (72)Name of Inventor: 1)DAVID, Vincent
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The invention concerns a method for executing tasks of a real-time application on a multitasking computer, comprising steps of: defining time windows, each associated with the execution of the processing of a task of the application, allocating, to each processing operation having a time window, a time quota (QA1, QA2, QA3, QB) and a time margin (MA1, MA2, MA3, MB), the time allocated to the processing operation by the time quota and the time margin being shorter than the duration of the time window of the processing operation, during the execution of the application, activating each processing operation at the start of the time window with which it is associated, on expiry of the time quota of one of the processing operations, activating an error mode if the execution of the processing operation has not been completed, and, if the error mode is active for one of the processing operations, executing an error handling operation for the processing operation, during the remaining time allocated to the processing operation by the time quota and the time margin.

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

(21) Application No.3816/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application:19/11/2015 (43) Publication Date: 04/03/2016

## (54) Title of the invention: METHOD FOR DETERMINING THE ENDOTOXIN CONTENT OF AN ALUMINIUM SALT **PREPARATION**

(51) International :G01N33/569,A61K39/39,G01N33/579 classification

(31) Priority Document

:1310151.4

:U.K.

(32) Priority Date :07/06/2013 (33) Name of priority

country

(86) International

:PCT/EP2014/061652 Application No :05/06/2014

Filing Date

(87) International

:WO 2014/195387 **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)GLAXOSMITHKLINE BIOLOGICALS S.A.

Address of Applicant : Rue de l'Institut 89, B-1330 Rixensart

**BELGIUM** 

(72) Name of Inventor:

1)MASCAUX, Clementine

### (57) Abstract:

The present invention provides methods for determining the endotoxin content of an aluminium salt preparation for use in medicine, comprising the steps of: a. Mixing the aluminium salt preparation with a desorption buffer thereby desorbing any endotoxin from the aluminium salt; b. Separating the aluminium salt from the endotoxin; and c. Measuring the amount of endotoxin.

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

(21) Application No.3817/KOLNP/2015 A

Chuo-ku, Kobe-shi, Hyogo 6508670 JAPAN

(72) Name of Inventor:

1)NISHIMURA, Takehiro

1)KAWASAKI JUKOGYO KABUSHIKI KAISHA

Address of Applicant: 1-1, Higashikawasaki-cho 3-chome,

(19) INDIA

(22) Date of filing of Application: 19/11/2015 (43) Publication Date: 04/03/2016

### (54) Title of the invention: RAILWAY VEHICLE TRUCK

(51) International classification :B61F5/14,B61F5/30,B61F5/52 (71) Name of Applicant:

(31) Priority Document No :2013-091156 (32) Priority Date :24/04/2013

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2014/002103 Filing Date :14/04/2014

(87) International Publication No :WO 2014/174787

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

NA

:NA

Number :NA Filing Date :NA 2014/174787 **2)NAKAO, Shunichi** 

## (57) Abstract:

This railway vehicle truck (1) is provided with: a truck frame (4) having a cross beam (5) extending in the direction of vehicle width and a leaf spring (30) extending in the direction of vehicle length in the state of supporting both ends in the direction of vehicle width of the cross beam (5), the truck frame (4) being able to rotate in the yawing direction with respect to the vehicle body; a vehicle shaft (6) disposed along the direction of vehicle width; a bearing (8) that is provided to both sides in the direction of vehicle width of the vehicle shaft (6) and that rotatably supports the vehicle shaft (6); a shaft box (9) that houses the bearing (8) and supports the leaf spring (30) from below; and a rubbing plate (37) provided to the top surface of the truck frame (4) in order to slidably contact a rubbed plate (23) provided to the bottom surface of a bolster (3). The rubbing plate (37) is disposed in a manner so as to be contained within the region (A1) at which the cross beam (5) and the leaf spring (30) intersect in a plan view, and is disposed on the center line (C1) extending in the direction of vehicle length of the leaf spring (30).

No. of Pages: 24 No. of Claims: 2

(22) Date of filing of Application :21/05/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: MOBILE TERMINAL AND METHOD OF CONTROLLING THE SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:G06F13/38 :10-2014-0112538 :27/08/2014 :Republic of Korea :PCT/KR2014/008797 :22/09/2014 : NA :NA :NA	(71)Name of Applicant:  1)LG ELECTRONICS INC.  Address of Applicant: 128, YEOUI-DAERO YEONGDEUNGPO-GU SEOUL 150-721 REPUBLIC OF KOREA (72)Name of Inventor:  1)CHO, CHANGSEOK
Filing Date	:NA :NA	

### (57) Abstract:

The present disclosure relates to a mobile terminal capable of outputting graphic objects and a control method thereof. The mobile terminal includes a display unit that is configured to• display a home screen page 5including a plurality of graphic objects, and a controller that is configured to output the plurality of graphic objects on the other region, except for a specific region, of the home screen page, wherein the plurality of graphic objects are output on positions, decided based on a preset condition, on the other region.

No. of Pages: 118 No. of Claims: 20

(22) Date of filing of Application :23/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: MEDICATION DELIVERY MANAGEMENT

(51) International classification	:G06Q50/22	(71)Name of Applicant:
(31) Priority Document No	:13/900,482	1)CAREFUSION 303, INC.
(32) Priority Date	:22/05/2013	Address of Applicant :3750 Torrey View Court, San Diego,
(33) Name of priority country	:U.S.A.	California 92130 UNITED STATES OF AMERICA.
(86) International Application No	:PCT/US2014/038657	(72)Name of Inventor:
Filing Date	:19/05/2014	1)UTECH, Thomas William
(87) International Publication No	:WO 2014/189858	2)JASKELA, Maria Consolacion
(61) Patent of Addition to Application	:NA	3)WEBSTER, William Lee
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

Methods for managing a delivery of prepared medications are provided. In one aspect, a method includes receiving first information includes a delivery deadline for a first medication, and receiving second information includes a preparation status of a second medication. The method also includes comparing the first information includes the delivery deadline for the first medication with the second information includes the preparation status of the second medication to determine whether the first medication should be indicated for delivery prior to completing preparation of the second medication, and providing a notification indicating when to deliver the first medication based on the determination. Systems and machine-readable media are also provided.

No. of Pages: 35 No. of Claims: 23

(21) Application No.3846/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/11/2015 (43) Publication Date: 04/03/2016

## (54) Title of the invention: FD CHAIN GENE OR L CHAIN GENE EACH CAPABLE OF INCREASING SECRETION AMOUNT OF FAB-TYPE ANTIBODY

(51) International classification: C12N15/09,C12N1/19,C12P21/08 (71) Name of Applicant:

(31) Priority Document No :2013-092862 (32) Priority Date :25/04/2013

(33) Name of priority country :Japan

(86) International Application :PCT/JP2014/060941

:17/04/2014 Filing Date

(87) International Publication

:WO 2014/175164

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

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

#### 1)KANEKA CORPORATION

Address of Applicant: 3-18, Nakanoshima 2-chome, Kita-ku,

Osaka-shi, Osaka 5308288 JAPAN

(72) Name of Inventor: 1)NISHIYAMA Tozo

(57) Abstract:

The purpose of the present invention is to provide a method for producing an antibody having a reduced molecular weight, such as a Fab-type antibody, using yeast as a host, whereby it becomes possible to produce the antibody having a reduced molecular weight with high productivity. According to the present invention, a gene is provided, in which a nucleotide sequence encoding an amino acid residue or an amino acid sequence each capable of increasing the secretion amount of a Fab-type antibody is contained at the 3terminal of a nucleotide sequence encoding an amino acid sequence for an Fd chain or an L chain of an antibody.

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

(22) Date of filing of Application :23/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: AUTOMATED UTILIZATION DRIVEN INVENTORY MANAGEMENT

(51) International classification	:G06Q50/22	(71)Name of Applicant:
(31) Priority Document No	:61/827,419	1)CAREFUSION 303, INC.
(32) Priority Date	:24/05/2013	Address of Applicant :3750 Torrey View Court, San Diego,
(33) Name of priority country	:U.S.A.	California 92130 UNITED STATES OF AMERICA.
(86) International Application No	:PCT/US2014/038658	(72)Name of Inventor:
Filing Date	:19/05/2014	1)UTECH, Thomas William
(87) International Publication No	:WO 2014/189859	2)JASKELA, Maria Consolacion
<ul> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

### (57) Abstract:

Methods for automated inventory management are provided. In one aspect, a method includes receiving storage capability data for an item in a dispensing unit, retrospective usage data for the item in the dispensing unit, and an indicator of a minimum time period for which to stock the item in the dispensing unit. The dispensing unit includes a compartment assigned for storing stock of the item. The method also includes determining, based on the minimum time period for which to stock the item, the storage capability data, and the retrospective usage data, a minimum number of stock of the item to store in the compartment, and providing a notification indicating the determined minimum number of stock of the item to store in the compartment. Systems and machine-readable media are also provided.

No. of Pages: 36 No. of Claims: 21

(22) Date of filing of Application :23/11/2015

(43) Publication Date: 04/03/2016

# (54) Title of the invention : CERAMIC FILTER ELEMENT AND METHOD FOR MANUFACTURING A CERAMIC FILTER ELEMENT

### (57) Abstract:

The invention relates to a ceramic filter element (22) for removal of liquid from solids containing material in a capillary suction dryer. The filter element comprises a ceramic substrate covered by a sintered ceramic microporous layer (31). The sintered microporous membrane layer is provided with coarse solid particles (71) of a particle size larger than a pore size of the membrane material layer(31) so as to form a textured surface (50) which prevents a filter cake from sliding off the surface of the filter element prior to the intended cake dis- charge.

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

(21) Application No.3874/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/11/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: MECHANISM FOR A DRUG DELIVERY DEVICE

(51) International classification :A61M5/24,A61M5/31 (71)Name of Applicant : (31) Priority Document No 1)SANOFI-AVENTIS DEUTSCHLAND GMBH :13167987.0 (32) Priority Date :16/05/2013 Address of Applicant :Brüningstraße 50, 65929 Frankfurt am (33) Name of priority country :EPO Main GERMANY (86) International Application No :PCT/EP2014/059405 (72) Name of Inventor: Filing Date :08/05/2014 1)PLUMPTRE, David Aubrey (87) International Publication No :WO 2014/184081 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

### (57) Abstract:

The present invention concerns a mechanism (2) for a drug delivery device (1), having a longitudinal axis (21) and comprising a first member (17) comprising a first contact surface (27) and a second member (18) comprising a second contact surface (29), wherein the first member (17) is configured to be assembled to the second member (18), wherein the first member (17) and the second member (18) are configured such that the first contact surface (27) abuts the second contact surface (29) when the first member (17) is assembled to the second member (18), wherein the first contact surface (27) is arranged such that a force applied to the mechanism (2) in a direction parallel to the longitudinal axis (21) is split up into a first component (30) in a direction perpendicular to a surface normal (28) of the first contact surface (27) and a second component (31) parallel to the surface normal (28), wherein the first member (17) and the second member (18) are configured such that the first member (17) is detached from the second member (18) by the force applied to the mechanism (2) in a direction parallel to the longitudinal axis (21) if the absolute value of the force is stronger than a first predetermined value, and wherein the first predetermined value is defined as the absolute value of the force which has a first component (30) strong enough to move the first contact surface (27) out of abutment with the second member (18).

No. of Pages: 30 No. of Claims: 15

(22) Date of filing of Application :26/11/2015

(43) Publication Date: 04/03/2016

## (54) Title of the invention: A HIGH DYNAMIC RANGE (HDR) PROJECTOR

:G06T 5/00,G06T (71)Name of Applicant: (51) International classification 1)DOLBY LABORATORIES LICENSING 5/20 (31) Priority Document No :60/962,708 CORPORATION Address of Applicant: 100 POTRERO AVENUE, SAN (32) Priority Date :30/07/2007 (33) Name of priority country FRANCISCO, CA 94103-4813 United States of America. :U.S.A. (86) International Application No :PCT/CA2008/001413 (72)Name of Inventor : Filing Date :30/07/2008 1) REMPEL, ALLAN (87) International Publication No :WO/2009/015483 2)HEIDRICH, WOLFGANG (61) Patent of Addition to Application 3)SEETZEN, HELGE :NA Number 4)WARD, GREGORY JOHN :NA Filing Date 5) WHITEHEAD, LORNE A.

:244/KOLNP/2010

:21/01/2010

#### (57) Abstract:

Filed on

A method for High Dynamic Range (HDR) projector is disclosed. The method involves the steps of: a first modulation layer configured to emit a pattern of light in response to a set of driving signals based on image data; a second modulation layer configured to modulate the light pattern to yield a desired image; and a processor configured to, identify at least one enhancement region within the image data, apply a brightness enhancement function to the image data to generate desired image data, wherein compared to the image data, the desired image data comprises modified luminance values of pixels in the enhancement region and modified luminance values of one ormore boundary-region pixels outside of the enhancement region, an amount of modification of the luminance values of the boundary-region pixelsdecreasing with distance from the enhancement region, and determine the driving signals for the first modulation layer based at least in part on intermediate data obtained in thecourse of application of the brightness enhancement function to the image data; wherein: the brightness enhancement function involves generating afeature based component of the brightness enhancement function based at least in part on a gradient of the image data, the feature based componenthaving pixel values which indicate if the brightness enhancement function should modify pixels of the image data; and wherein the intermediate data comprises a low resolution version of the feature based component.

No. of Pages: 46 No. of Claims: 16

(62) Divisional to Application Number

(22) Date of filing of Application :26/11/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: BREATHING ASSISTANCE APPARATUS

:A61L 2/06,A61M (71)Name of Applicant: (51) International classification 1)FISHER & PAYKEL HEALTHCARE LIMITED 16/00 (31) Priority Document No :544169 Address of Applicant: 15 MAURICH PAYKEL PLACE, (32) Priority Date :15/12/2005 EAST TAMAKI. AUCKLAND NEW ZEALAND (33) Name of priority country (72) Name of Inventor: :New Zealand (86) International Application No :PCT/NZ2006/000330 1)O' DONNELL, KEVIN, PETER Filing Date :15/12/2006 2) PAYTON, MATTHEW, JON (87) International Publication No :WO/2007/069922 3)QUILL, CHRISTOPHER, SIMON, JAMES (61) Patent of Addition to Application 4) KRAMER, MARTIN, PAUL, FRIEDERICH :NA Number 5)HAWKINS, PETER, GEOFFREY :NA Filing Date 6)DAKEN, REENA (62) Divisional to Application Number :2663/KOLNP/2008 Filed on :01/07/2008

#### (57) Abstract:

A breathing assistance apparatus (4) adapted to deliver humidified gases to a patient (1) comprising a housing (10), a gases supply, a removable humidification chamber (5), a gases supply oudet port (11) in fluid connection with said gases supply and adapted to in use make fluid connection with the inlet of the humidification chamber (5) of the type that includes both an inlet and an outlet (15), in order to supply gases to said humidification chamber (5) via said inlet, a patient return (13) adapted to make fluid connection with said humdification chamber outlet (15) in use in order to receive humidified gases from said humdification chamber (5), a patient outlet (8) in use in fluid connection with said patient return (13) and also in fluid connection or adapted to make fluid connection with a breathing conduit (3) for delivery of humidified gases to a patient (1), an elbow conduit (12) connecting said patient return (13) and said patient outlet (8), wherein said breathing apparatus (4) can be put in a cleaning mode, in which the humidification chamber (5) is removed and a controller is configured to control said gases supply to provide dry gases out said gases supply outlet port (11) for transfer to said elbow conduit (12), and provide power to heat dry gases from said gases supply output port (11) to meet or exceed a temperature required for disinfecting said elbow conduit (12).

No. of Pages: 26 No. of Claims: 14

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

(43) Publication Date: 04/03/2016

# (54) Title of the invention : CYCLOALKANOPYRROLOCARBAZOLE DERIVATIVES AND THE USETHEREOF AS PARP, VEGFR2 AND MLK3 INHIBITORS

(51) International classification :A61K31/437
(31) Priority Document No :11/455356
(32) Priority Date :19/06/2006
(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2007/014300 Filing Date :19/06/2007

(87) International Publication No :WO 2007/149451

(61) Patent of Addition to Application
Number:NA

(62) Divisional to Application Number :242/KOLNP/2009 Filed on :19/01/2009 (71)Name of Applicant : 1)CEPHALON, INC,

Address of Applicant :41 MOORES ROAD, P.O.BOX 4011, FRAZER, PENNSYLVANIA 19355, UNITED STATES OF AMERICA.

(72) Name of Inventor:

1)SANKAR CHATTERJEE 2)JAMES L. DIEBOLD 3)DEREK DUNN

4)ROBERT L. HUDKINS

5)REDDEPPAREDDY DANDU

6)GREGORY J. WELLS 7)ALLISON L. ZULLI

## (57) Abstract:

The present invention is directed to novel multicyclic molecules of Formula (IIIIa) that mediate enzymatic activity. In particular, the compounds may be effective in the treatment of diseases or disease states related to the activity of PARP3 VEGFR2, and MLK3 enzymes, including, for example, neurodegenerative diseases, inflammation, ischemia, and cancer.

No. of Pages: 211 No. of Claims: 23

(22) Date of filing of Application :27/11/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: DEVICE FOR DISPENSING FLUIDS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:B05B11/00 :VI2013A000130 :08/05/2013 :Italy :PCT/IB2014/061086 :29/04/2014 :WO 2014/181218 :NA :NA	(71)Name of Applicant:  1)TAPLAST S.P.A.  Address of Applicant: Via Marosticana, 65/67, I-36031  Dueville, Povolaro (VI) ITALY  (72)Name of Inventor:  1)SANTAGIULIANA, Evans
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

The invention is a fluid dispensing device suited to be connected, by means of a connection element (220), to a container (C) holding the fluid that can be dispensed from the inside to the outside of the container through an actuator element (400), comprising: a suction duct (240) suited to communicate with the fluid held inside the container (C), a dispenser duct (440) in communication with the outer space with respect to the volume (V) enclosed by the container (C), a suction/compression chamber (300) that can communicate with the suction duct (240) and the dispenser duct (440), a suction valve (260) suited to alternatively allow and prevent the passage of a fluid between the suction duct (240) and the suction/compression chamber (300) when, respectively, the suction valve is closed and open, a dispensing valve (460) suited to alternatively allow and prevent the passage of a fluid between the dispenser duct (440) and the suction/compression chamber (300) when, respectively, the suction valve is closed and open, a tight membrane (500) slidingly coupled with the walls of the suction/compression chamber (300) so that it can be translated in a predetermined direction; both the suction valve (260) and the dispensing valve (460) comprise the membrane (500). The invention concerns also a system for containing and dispensing fluids (F).

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

(22) Date of filing of Application :27/11/2015 (43) Publication Date: 04/03/2016

## (54) Title of the invention: SYNTHETIC ANTIBODY MIMETIC COMPOUNDS (SYAMS) TARGETING CANCER, ESPECIALLY PROSTATE CANCER

(51) International :A61K39/395,A61K38/16,C07D249/04

classification

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

country

(86) International

:PCT/US2013/039472 Application No :03/05/2013

:NA

:NA

Filing Date

(87) International

:WO 2014/178878 Publication No

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

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

Filing Date

(71)Name of Applicant: 1)YALE UNIVERSITY

Address of Applicant: 2 Whitney Avenue, New Haven, CT

06511 UNITED STATES OF AMERICA.

(72) Name of Inventor: 1)SPIEGEL, David, A.

2)MCENANEY, Patrick 3)FITZGERALD, Kelly

# (57) Abstract:

The present invention relates to compounds which function as antibody mimetic compounds. These compounds are bifunctional/multifunctional compounds which contain at least one cancer cell binding moiety which selectively binds to prostate specific membrane antigen (PSMA) and a FC receptor binding moiety which modulates an FC immune receptor, preferably a FcyRI receptor. Compounds according to the present invention bind selectively to cancer cells which upregulate PSMA and through that interaction, place the Fc receptor binding moiety of the compound in proximity to a Fc receptor, preferably a FcyRI receptor, which can modulate (preferably, upregulate) a humoral response in a patient to cancer cells. Through this biological action of the compounds according to the present invention, cancer cells, including metastatic cancer cells, especially prostate cancer cells can be immune regulated, resulting in the favorable therapy of cancer in a patient. Methods of using these compounds to treat cancer and/or reduce the likelihood of metastatis of cancer are additional aspects of the present invention.

No. of Pages: 151 No. of Claims: 60

(22) Date of filing of Application :27/11/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: A METHOD OF REDUCING OR PREVENTING BACTERIAL GROWTH ON A SUBSTRATE

(51) International classification (71)Name of Applicant: :A61L 2/238 (31) Priority Document No :60/790307 1)BACTIGUARD AB (32) Priority Date Address of Applicant :BOX 5070, 102 42 STOCKHOLM :07/04/2006 (33) Name of priority country :U.S.A. **SWEDEN** (86) International Application No :PCT/SE2006/050485 (72)Name of Inventor : Filing Date :16/11/2006 1)OHRLANDER, MATTIAS (87) International Publication No :WO/2007/117191 2)SODERVALL, BILLY (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :4113/KOLNP/2008 Filed on :10/10/2008

### (57) Abstract:

A method of reducing or preventing bacterial growth on a substrate, wherein the method comprises the following steps: a. providing a substrate base, wherein said substrate base comprises an electron donating surface; and b. depositing metal particles from a suspension of metal particles, at an amount of about 0.001 to about  $8 \mu g/cnr$  on said surface; wherein said metal particles comprise palladium and at least one non-palladium metal selected from the group consisting of gold, ruthenium, rhodium, osmium, iridium, and platinum, wherein said metal particles have an average size of about 100 to about 10,000 A, wherein said particles are distributed particles or clusters on said surface, and wherein the metal particles do not form a covering layer.

No. of Pages: 35 No. of Claims: 18

(22) Date of filing of Application: 12/11/2015 (43) Publication Date: 04/03/2016

# (54) Title of the invention : IN SITU EXFOLIATION METHOD TO FABRICATE A GRAPHENE-REINFORCED POLYMER MATRIX COMPOSITE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:18/04/2014 :WO 2014/172619 :NA :NA	(71)Name of Applicant:  1)RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY  Address of Applicant: Old Queen's Somerset Street, New Brunswick, NJ 08909 UNITED STATES OF AMERICA. (72)Name of Inventor:  1)NOSKER, Thomas  2)LYNCH, Jennifer  3)KEAR, Bernard  4)HENDRIX, Justin
- 14/	:NA :NA :NA	

#### (57) Abstract:

A method for forming a graphene-reinforced-polymer matrix composite by distributing graphite microparticles into a molten thermoplastic polymer phase comprising one or more molten thermoplastic polymers; and applying a succession of shear strain events to the molten polymer phase so that the molten polymer phase exfoliates the graphene successively with each event, until tearing of exfoliated multilayer graphene sheets occurs arid produces reactive edges on the multilayer sheets that react with and cross-link the one or more thermoplastic polymers; where the one or more thermoplastic polymers are selected from thermoplastic polymers subject to UV degradation.

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

(21) Application No.3748/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: METHOD AND DEVICE FOR CO-SIMULATING TWO SUBSYSTEMS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:G05B17/02 :A50260/2013 :15/04/2013 :Austria :PCT/EP2014/057194 :09/04/2014 :WO 2014/170188 :NA	(71)Name of Applicant:  1)KOMPETENZZENTRUM - DAS VIRTUELLE FAHRZEUG, FORSCHUNGSGESELLSCHAFT MBH Address of Applicant: Inffeldgasse 21/A, A-8010 Graz AUSTRIA (72)Name of Inventor: 1)ZEHETNER, Josef 2)PAULWEBER, Michael 3)KOKAL, Helmut
(61) Patent of Addition to Application	:NA :NA	2)PAULWEBER, Michael
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

In order to achieve real-time co-simulation of subsystems of a complete system (1), said subsystems being reciprocally coupled by coupling variables (y1, y2), a mathematical model (M) of the subsystems (TS1, TS2) which is valid at the actual point of operation of the complete system (1) is determined from input variables (x1, x2) and/or measurement variables (w1, w2) of said subsystems (TS1, TS2) using a data-based model identification method, and from this model (M), the coupling variables (y1, y2) are extrapolated for a subsequent coupling time step and supplied to the subsystems (TS1, TS2).

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

(21) Application No.3749/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention : SYSTEMS AND METHODS FOR DEPLOYING A SPOTTED VIRTUAL SERVER IN A CLUSTER SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> <li>Number</li> </ul>	:G06F9/50,G06F9/48,H04L29/08 :13/895,284 :15/05/2013 :U.S.A. :PCT/US2014/037495 :09/05/2014 :WO 2014/186225 :NA :NA	(71)Name of Applicant:  1)CITRIX SYSTEMS, INC.  Address of Applicant:851 West Cypress Creek Road, Fort Lauderdale, FL 33309 UNITED STATES OF AMERICA. (72)Name of Inventor:  1)KAMATH, Sandeep 2)ARUMUGAM, Mahesh 3)ITTA, Vishnu
. ,	:NA :NA	

### (57) Abstract:

The present invention is directed towards systems and methods deploying a virtual server on a subset of devices in a cluster of devices. A first device of a cluster of devices intermediary between at least one client and at least one server, may identify a first virtual server to establish on one or more devices of the cluster. The first device may associate, to the identified virtual server, a group comprising a subset of devices in the cluster of devices The cluster may establish the first virtual server on each device in the group responsive to associating the group to the first virtual server,. Each virtual server on each device of the group may be assigned a same internet protocol address.

No. of Pages: 205 No. of Claims: 20

(21) Application No.3934/KOLNP/2015 A

(19) INDIA

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

(43) Publication Date: 04/03/2016

# (54) Title of the invention : METHOD AND A PLATE MODULE FOR MANUFACTURING A THERMAL MODIFICATION KILN

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> </ul>	:F26B25/08,F26B25/06,E04C2/40 :20135453 :02/05/2013 :Finland :PCT/FI2014/050315 :30/04/2014 :WO 2014/177768	(71)Name of Applicant:  1)LUXHAMMAR OY  Address of Applicant:Maaherrankatu 34 50100 Mikkeli, FINLAND (72)Name of Inventor:  1)LALLUKKA, Tero
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

According to one exemplary embodiment the application relates to a method for manufacturing a thermal modification kiln for timber. The method comprises making plate modules from steel plates (200) by forming edges (210 220 230 240) of the plates with flaps (211 213 215 221 223 225 231 233 235 241 243 245) which enable adjacent modules to be interconnected for constructing a kiln frame.

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

(22) Date of filing of Application :02/12/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: DISTRIBUTED REMOTE SENSING SYSTEM SENSING DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:B60R21/00 :61/824,512 :17/05/2013 :U.S.A. :PCT/US2014/038585 :19/05/2014 :WO 2014/186787 :NA :NA	(71)Name of Applicant: 1)FYBR Address of Applicant:640 Cepi Drive Suite C, Chesterfield, MO 63005 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)BECKER, Paul 2)GOODWIN, Richard, E. 3)HORTON, Edwin 4)CHARVAT, Gregory, L.
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

A vehicle detection sensor apparatus including a frame and a dual mode sensor connected to the frame, the dual mode sensor having an active and a passive sensing mode wherein at least one of the active and passive sensing mode is automatically cycled between on and off states when providing a positive reading condition.

No. of Pages: 92 No. of Claims: 43

(22) Date of filing of Application :02/12/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: METHOD FOR DETERMINING ACTIVATION OF ISR CAPABILITY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H04W8/02 :61/820,187 :07/05/2013 :U.S.A. :PCT/KR2014/004045 :07/05/2014 :WO 2014/182061 :NA :NA :NA	(71)Name of Applicant:  1)LG ELECTRONICS INC.  Address of Applicant:128, Yeoui-daero, Yeongdeungpo-gu Seoul 150-721 REPUBLIC OF KOREA (72)Name of Inventor:  1)KIM, Hyunsook 2)KIM, Jaehyun 3)KIM, Laeyoung 4)KIM, Taehyeon
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#### (57) Abstract:

One disclosure of the present specification provides a method for determining whether to activate an idle mode signaling reduction (ISR) capability in a network entity for managing mobility of user equipment. The method for determining whether to activate the ISR capability comprises the steps of: obtaining information related to a proximity service of the user equipment; receiving from the user equipment a location refresh request message; determining whether to activate the ISR based on ISR capability information of a network node that had been just previously in charge of the user equipment ISR capability information of the network entity and information related to the proximity service of the user equipment; and transmitting a location refresh acceptance message to the user equipment after the determination.

No. of Pages: 52 No. of Claims: 14

(22) Date of filing of Application :02/12/2015 (43) Publication Date: 04/03/2016

## (54) Title of the invention: COMPOUNDS FOR INHIBITING DRUG-RESISTANT STRAINS OF HIV-1 INTEGRASE

(51) International

:A61K31/4375,A61K31/4704,A61K31/496

classification

(31) Priority :61/824,306 Document No

(32) Priority Date :16/05/2013 (33) Name of priority

:U.S.A. country

(86) International :PCT/US2014/037905 Application No :13/05/2014

:NA

Filing Date

(87) International :WO 2014/186398

Publication No

(61) Patent of Addition:NA

to Application Number :NA

Filing Date (62) Divisional to

Application Number :NA Filing Date

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1)THE UNITED STATES OF AMERICA, AS

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2)SMITH, Steven

3) METIFIOT, Mathieu, A.

4) JOHNSON, Barry

5)MARCHAND, Christophe

6) HUGHES, Stephen 7)POMMIER, Yves 8)BURKE, Terrence, R.

### (57) Abstract:

A method of inhibiting drug -resistant HIV-1 integrase in a subject comprising administering to a subject in need thereof a therapeutically effective amount of a compound of formula I, or a pharmaceutically acceptable salt or ester thereof, having a structure of: wherein X is N, C(OH), or CH; Y is H or OH; each of Z1-Z5 is independently H or halogen; R4 is H, OH, NH2, NHR8, NR8R9 or R8; R5, R6, and R7 is each independently H, halogen, OR8, R8, NHR8, NR8R9, CO2R8, CONR8R9, SO2NR8R9, or R5 and R6 together with the carbon atoms to which R5 and R6 are attached form an optionally-substituted carbocycle or optionally-substituted heterocycle; and R8 and R9 is each independently H, optionally-substituted alkyl, optionally-substituted alkenyl, optionallysubstituted alkynyl, optionally-substituted aryl, optionally-substituted cycloalkyl, optionally-substituted cycloalkylene, optionallysubstituted heterocycle, optionally-substituted amide, optionally-substituted ester, or R8 and R9 together with the nitrogen to which R8 and R9 are attached form an optionally-substituted heterocycle.

No. of Pages: 103 No. of Claims: 46

(21) Application No.3938/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/12/2015 (43) Publication Date: 04/03/2016

## (54) Title of the invention: TREATMENT OF PULMONARY AND OTHER CONDITIONS

(51) International :C07D403/06,C07D403/08,A61K31/506

classification :61/822,224

:U.S.A.

(31) Priority Document

(32) Priority Date :10/05/2013

(33) Name of priority

country

(86) International

:PCT/US2014/037548 Application No :09/05/2014

Filing Date (87) International

:WO 2014/183068 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:

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STATES OF AMERICA.

2)THE UNITED STATES GOVERNMENT AS

REPRESENTED BY THE DEPARTMENT OF VETERANS **AFFAIRS** 

(72) Name of Inventor:

1)REDDY, Raju

## (57) Abstract:

Disclosed is a compound, or a pharmaceutically acceptable salt or ester thereof, having a structure of X1 - L - X2 wherein L is a linking moiety comprising an enone; and X1 and X2 are each independently an optionally-substituted N-heterocycle. Also disclosed are method for treating pulmonary conditions and other organ or system conditions with the compounds.

No. of Pages: 166 No. of Claims: 49

(22) Date of filing of Application :02/12/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: ANTIBODY DRUG CONJUGATES

(51) International classification :A61K47/48,C07D309/32,A61P35/00

(31) Priority Document No :1309807.4 (32) Priority Date :31/05/2013

(33) Name of priority :U.K.

country

(86) International :PCT/EP2014/061392

Application No :02/06/2014

Filing Date (87) International

Publication No :WO 2014/191578

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

Filing Date
2) Divisional to

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant: 1)PHARMA MAR, S.A.

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(72)Name of Inventor:

1)CUEVAS MARCHANTE, Cármen 2)DOMÍNGUEZ CORREA, Juan Manuel 3)FRANCESCH SOLLOSO, Andrés

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9) URSA PECHARROMÁN, Maria Ángeles

### (57) Abstract:

Drug conjugates of formula [D-(X)b-(AA)w-(L)-]n-Ab wherein: D is a drug moiety having the following formula (I) or a pharmaceutically acceptable salt, ester, solvate, tautomer or stereoisomer thereof, wherein: A is selected from (II) and (III) R1, R2 and R3 is H, ORa, OCORa, OCOORa, alkyl, alkenyl, etc; R3 is, CORa, COORa, CONRaRb, etc; each of R4 to R10 and R12 is alkyl, alkenyl or alkynyl; R11 is H, CORa, COORa, alkyl, alkenyl or alkynyl, or R11 and R12+N+C atoms to which they are attached may form a heterocyclic group; each of R13 and R14 is H, CORa, COORa, alkyl, alkenyl or alkynyl; each Ra and Rb is H, alkyl, alkenyl, alkynyl, etc.; each dotted line represents an optional additional bond; X is an extending group; AA is an amino acid unit; L is a linker group; w is 0 to 12; b is 0 or 1; A bis a moiety comprising at least one antigen binding site, and n is the ratio of the group [D-(X) b -(AA)w-(L)-] to the moiety comprising at least one antigen binding site and is in the range from 1 to 20, are useful in the treatment of cancer.

No. of Pages: 351 No. of Claims: 97

(21) Application No.3767/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 04/03/2016

(54) Title of the invention: HUSKER

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:2013-085908	1)SATAKE CORPORATION
(32) Priority Date	:16/04/2013	Address of Applicant :7-2, Sotokanda 4-chome, Chiyoda-ku,
(33) Name of priority country	:Japan	Tokyo 1010021 JAPAN
(86) International Application No	:PCT/JP2014/058899	(72)Name of Inventor:
Filing Date	:27/03/2014	1)FUKUMORI, Takeshi
(87) International Publication No	:WO 2014/171288	2)KOREDA, Minoru
(61) Patent of Addition to Application	:NA	3)YORIOKA, Seiji
Number		4)HARAMOTO, Akio
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A husker having a pair of rubber rolls (4, 5) on a base part (24), one of the pair of rubber rolls (4, 5) being supported at both ends as an anchored roll by anchor bearings (23), and the other roll being supported at both ends as a moving roll by moving bearings (22). One anchor bearing (22) and one moving bearing (23) are provided with seat parts (25, 35) capable of sliding in a direction away from the shaft ends of support shafts supporting the rubber rolls (4, 5), and the seat parts can be rotated to positions where the seat parts avoid interfering with the axial movement of the rubber rolls (4, 5).

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

(22) Date of filing of Application :03/12/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: AIR CONDITIONER AND METHOD FOR OPERATING THE SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:10-2013-0054578 :14/05/2013 :Republic of Korea :PCT/KR2014/004306 :14/05/2014 :WO 2014/185701 :NA :NA	(71)Name of Applicant:  1)LG ELECTRONICS INC.  Address of Applicant: 128, Yeoui-daero, Yeongdeungpo-gu, Seoul 150-721 REPUBLIC OF KOREA (72)Name of Inventor:  1)JUNG, Yee Kyeong 2)HYUN, Ok Chun 3)PARK, Hyung Ho
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Disclosed is an air conditioner including a case having an air inlet and an air outlet formed therein, a fan mounted in the case, an air cleaner mounted to the case, a cleanness sensor for sensing cleanness of air introduced to the air inlet at set intervals, and a control unit for controlling the air cleaner in a stabilization mode in which the air cleaner is turned on, if the present value sensed at the cleanness sensor in middle of an initial set time period is lower than a recent value sensed at the cleanness sensor, and controlling the air cleaner in a general cleaning mode in which the air cleaner is turned on, if the present value sensed at the cleanness sensor after the initial set time period is passed is lower than a set value, thereby permitting for the air cleaner to minimize power consumption while maintaining room air comfortable.

No. of Pages: 24 No. of Claims: 15

(22) Date of filing of Application :03/12/2015

(43) Publication Date: 04/03/2016

# (54) Title of the invention : ELECTROCHROMIC COMPOUND, ELECTROCHROMIC COMPOSITION, DISPLAY ELEMENT, AND DIMMING ELEMENT

(51) International classification: C07F9/6512,C09K9/02,G0 (31) Priority Document No :2013-134671 (32) Priority Date :27/06/2013 (33) Name of priority country :Japan (86) International Application No :PCT/JP2014/067725 (26/06/2014  Filing Date (87) International Publication No :WO 2014/208775 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date Filing Date Filing Date  (62) Divisional to Application Number :NA Filing Date	(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)INOUE, Mamiko 2)SASAKI, Masaomi 3)YASHIRO, Tohru 4)YUTANI, Keiichiroh 5)OKADA, Yoshinori 6)KIM, Sukchan 7)TAKAHASHI, Hiroyuki 8)FUJIMURA, Koh 9)NAIJO, Yoshihisa 10)TSUJI, Kazuaki 11)HIRANO, Shigenobu 12)SAGISAKA, Toshiya 13)YAMAMOTO, Satoshi 14)GOTO, Daisuke 15)TAKAUJI, Keigo
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### (57) Abstract:

An electrochromic compound, represented by the following general formula (I): where X1 to X4 are each a substituent represented by the following general formula (II), an alkyl group that may contain a functional group, an aromatic hydrocarbon group that may contain a functional group, or a hydrogen atom, and at least two selected from X1 to X4 are the substituents represented by the general formula (II): where R1 to R8 are each independently a hydrogen atom, or a monovalent group that may contain a substituent; B is a substituted or unsubstituted monovalent group that may contain a functional group; A- is a monovalent anion; and m is any of 0 to 3, and R1 to R8, B, and m may each independently be different when a plurality of the substituents represented by the general formula (II) are present.

No. of Pages: 171 No. of Claims: 16

(22) Date of filing of Application :03/12/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: COMPRESSOR VALVE SEAT RECONDITIONING LIMIT INDICATOR

(51) International classification :F04B39/10, (31) Priority Document No :61/823,008 (32) Priority Date :14/05/2013 (33) Name of priority country :U.S.A.

(86) International Application No
Filing Date

12/05/2014

Filing Date

12/05/2014

(87) International Publication No :WO 2014/186249

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

WO 2014/186249 NA

:NA :NA :NA

:F04B39/10,F04B53/10 (71)**Name of Applicant :** 

1)DRESSER-RAND COMPANY

Address of Applicant :Paul Clark Drive, Olean, New York

14760 UNITED STATES OF AMERICA.

2)HATCH, Glenn D. 3)SANFORD, Joel T. 4)PENNYPACKER, Jeffrey

(72)Name of Inventor:1)HATCH, Glenn D.2)SANFORD, Joel T.3)PENNYPACKER, Jeffrey

### (57) Abstract:

Filing Date

A compressor valve may include a guard and a seat affixed thereto. The seat may have an inlet surface and an outlet surface opposite the inlet surface. A reconditioning limit indicator may be defined by or adjacent the outlet surface. The reconditioning limit indicator may be indicative of a maximum amount of material of the seat removable from the outlet surface during reconditioning of the seat. The reconditioning limit indicator may be a groove defined by the outer cylindrical surface of the seat, a portion of the outer cylindrical surface of the seat adjacent the outlet surface and having an outer diameter smaller than the outer diameter of the seat, or a predetermined shape of a predetermined depth machined on the outlet surface of the seat.

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

(21) Application No.3780/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application:16/11/2015 (43) Publication Date: 04/03/2016

## (54) Title of the invention: PHARMACEUTICAL COMPOSITION COMPRISING A BOTULINUM NEUROTOXIN AND USES **THEREOF**

(51) International :A61K9/00,A61K38/00,A61K47/36 classification

(31) Priority Document No :2013122509 :15/05/2013

(32) Priority Date (33) Name of priority country: Russia

(86) International Application :PCT/IB2014/061417

No

:14/05/2014 Filing Date

(87) International Publication :WO 2014/184746

(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)BOSTI TRADING LTD.

Address of Applicant : The Business Forum, 30 Karpenisi

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(72)Name of Inventor:

1)POKUSHALOV, Evgeny 2)FOMENKO, Vladislav

3)SALAKHUDINOV, Nariman

### (57) Abstract:

The invention relates a pharmaceutical composition containing botulinum toxin and a mucopolysaccharide uses thereof with increased pharmacological activity and long lasting botulinum toxin effect.

No. of Pages: 34 No. of Claims: 22

(21) Application No.3785/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 17/11/2015 (43) Publication Date: 04/03/2016

## (54) Title of the invention: SYSTEM AND METHOD FOR REDUCING DENIAL OF SERVICE ATTACKS AGAINST DYNAMICALLY GENERATED NEXT SECURE RECORDS

(51) International :H04L29/12,H04L29/06,H04L29/08

classification (31) Priority Document No

:13/895.279 (32) Priority Date :15/05/2013 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2014/037125

No

:07/05/2014 Filing Date

(87) International Publication: WO 2014/186189

(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) CITRIX SYSTEMS, INC.

Address of Applicant: 851 West Cypress Creek Road, Fort Lauderdale, Florida 33309 UNITED STATES OF AMERICA.

(72) Name of Inventor:

1)MUTHIAH, Manikam

### (57) Abstract:

The present disclosure is directed to the reduction of denial of service, DoS, attacks against dynamically generated next secure, NSEC, records. A domain name system, DNS, proxy (602) prevents spoofed IP addresses by forcing clients (600) to transmit DNS queries via transmission control protocol, TCP, by replying (626) to a user datagram protocol, UDP, DNS request (620) with a blank or predetermined resource record with a truncation bit set to indicate that the record is too large to fit within a single UDP packet payload. Under the DNS specification, the client must re-transmit the DNS request via TCP. Upon receipt (634) of the retransmitted request via TCP, the DNS proxy generates (640) fictitious neighbor addresses and a signed NSEC record and transmits (642) the record to the client. Accordingly, the DNS proxy need not waste resources generating and signing records for requests from spoofed IP addresses via UDP.

No. of Pages: 130 No. of Claims: 20

(21) Application No.3786/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 17/11/2015 (43) Publication Date: 04/03/2016

## (54) Title of the invention: PRODUCING A DISC FROM CERAMIC GLASS

(51) International

:C03C19/00,C03B13/04,C03B32/02 classification

(31) Priority Document No :00 787/13 (32) Priority Date :17/04/2013 (33) Name of priority country: Switzerland

(86) International Application :PCT/CH2014/000047

:14/04/2014

Filing Date

(87) International Publication :WO 2014/169399

(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)SAINT-GOBAIN GLASS FRANCE

Address of Applicant :18, Avenue d'Alsace, F-92400

Courbevoie FRANCE (72) Name of Inventor: 1)RATZEL, Paul Kirk

(57) Abstract:

The invention relates to a method for producing a ceramic glass disc, having the following steps: providing a green glass disc, mechanical abrading and/or polishing of the green glass disc subsequent to the abrading and/or polishing, and ceramising the green glass disc to form the ceramic glass disc. It has surprisingly been found that polishing time and polishing outlay can be significantly reduced if the glass is polished before the ceramising step.

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

(22) Date of filing of Application :04/12/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: FILTER ELEMENT AND METHOD FOR MANUFACTURING THE FILTER ELEMENT

(51) International classification	:B01D33/23,B01D35/06	(71)Name of Applicant:
(31) Priority Document No	:20135607	1)OUTOTEC (FINLAND) OY
(32) Priority Date	:31/05/2013	Address of Applicant :Rauhalanpuisto 9 FI-02230 Espoo
(33) Name of priority country	:Finland	FINLAND
(86) International Application No	:PCT/FI2014/050438	(72)Name of Inventor:
Filing Date	:30/05/2014	1)EKBERG, Bjarne
(87) International Publication No	:WO 2014/191636	2)PALMER, Jason
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

Magnetic elements (51) are provided inside a ceramic filter plate (32A) for creating a magnetic field. In an embodiment of the invention, magnetic elements (51) are located in cavities provided in partition walls (30) which define filtrate channels (33) between themselves. The filter plate can be used for increasing filtration capacity particularly in magnetite applications. The magnetic field causes an attractive force on the magnetic particles and thus increases the amount of material forming on the filter plate in a vacuum filter, such as a capillary action filter, conventional rotary vacuum filter or drum filter or capillary action drum filter.

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

(22) Date of filing of Application :04/12/2015 (43) Publication Date: 04/03/2016

## (54) Title of the invention: FLAME-RETARDANT SYNTHETIC RESIN COMPOSITION

:C08L101/00,C08K5/521 (71)Name of Applicant : (51) International classification (31) Priority Document No :2013-170354 (32) Priority Date :20/08/2013

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2014/070473 Filing Date :04/08/2014 (87) International Publication No :WO 2015/025701

(61) Patent of Addition to Application :NA

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

1)ADEKA CORPORATION

Address of Applicant: 2-35, Higashiogu 7-chome, Arakawa-

ku, Tokyo 1168554 JAPAN

(72)Name of Inventor:

1)SAKURAI, Hisashi 2)KOKURA, Genta

3)KAMIMOTO, Tetsuo

### (57) Abstract:

The present invention provides a flame-retardant resin composition which has excellent flame retardancy, also has excellent heat resistance including a thermal deformation temperature, and also has excellent processability including a melt viscosity, a handling property and the like. Provided is a flame-retardant synthetic resin composition characterized by comprising 100 parts by mass of a synthetic resin and 0.5 to 20 parts by mass of a mixture of phosphate esters each represented by general formula (1), wherein the content of a phosphate ester represented by general formula (1) wherein n = 1 is 70 to 75 mass% relative to the whole amount of the mixture (wherein the total content of a phosphate ester represented by general formula (1) wherein n is 1, a phosphate ester represented by general formula (1) wherein n is 2, a phosphate ester represented by general formula (1) wherein n is 3, a phosphate ester represented by general formula (1) wherein n is 4 and a phosphate ester represented by general formula (1) wherein n is 5 is 100 mass%). (In formula (1), R1 and R2 independently represent a hydrogen atom or a methyl group; and n represents a numerical value of 1, 2, 3, 4 or 5.)

No. of Pages: 35 No. of Claims: 4

(21) Application No.3791/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: DISTRIBUTED REMOTE SENSING SYSTEM COMPONENT INTERFACE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:19/05/2014 :WO 2014/186788 :NA :NA	(71)Name of Applicant:  1)FYBR  Address of Applicant:640 Cepi Drive, Suite C, Chesterfield, MO 63005 UNITED STATES OF AMERICA. (72)Name of Inventor:  1)BECKER, Paul 2)GOODWIN, Richard, E. 3)HORTON, Edwin
Filing Date	:NA	

### (57) Abstract:

A distributed remote sensing system including at least one gateway, at least one sensing device and a communication interface providing radio frequency communication through a shared frequency scheme between each sensing device and one of the at least one gateway and between each sensing device and another of the at least one gateway through a different frequency scheme.

No. of Pages: 47 No. of Claims: 20

(22) Date of filing of Application :17/11/2015 (43) Publication Date : 04/03/2016

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

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:17/04/2014 :WO 2014/171768 :NA :NA	(71)Name of Applicant:  1)WILUS INSTITUTE OF STANDARDS AND TECHNOLOGY INC.  Address of Applicant:(Jeong-hwan-Bldg., Yangjae-dong) 2F 48 Mabang-ro, Seocho-gu Seoul 137-894 REPUBLIC OF KOREA (72)Name of Inventor:  1)OH, Hyunoh
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The present invention relates to a video signal processing method and apparatus and, more specifically, to a video signal processing method and apparatus for encoding or decoding a video signal. To this end, the present invention provides a video signal processing method and a video signal processing apparatus using the same, the method comprising the steps of: receiving a scalable video signal including a base layer and an enhancement layer; decoding a picture of the base layer; generating a reference picture list between the layers for prediction between the layers using the picture of the base layer; and decoding a picture of the enhancement layer using the reference picture list between the layers, wherein when a current picture of the enhancement layer is a random access decodable leading (RADL) picture, a random access skipped leading (RASL) is not included in a reference picture list between layers corresponding to the current picture.

No. of Pages: 42 No. of Claims: 7

(22) Date of filing of Application :04/12/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention : FLAME-RETARDANT COMPOSITION AND FLAME-RETARDANT SYNTHETIC RESIN COMPOSITION

(51) International classification :C09K21/12,C08K3/26,C08K3/32 (71)Name of Applicant: (31) Priority Document No 1)ADEKA CORPORATION :2013-171458 (32) Priority Date :21/08/2013 Address of Applicant :2-35, Higashiogu 7-chome, Arakawa-(33) Name of priority country ku, Tokyo 1168554 JAPAN :Japan (72) Name of Inventor: (86) International Application :PCT/JP2014/069172 1)KAMIMOTO, Tetsuo :18/07/2014 Filing Date 2)YONEZAWA, Yutaka (87) International Publication 3)NAKAMURA, Michio :WO 2015/025658 4)OKAMOTO, Yuri (61) Patent of Addition to 5)OMORI, Kohei :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

# (57) Abstract:

The present invention provides a flame retardant composition having excellent heat resistance and reduced risk of corroding processing equipment during resin compounding specifically a flame retardant composition containing 20 50 parts by mass of component (A) 50 80 parts by mass of component (B) (where the total of component (A) and component (B) is 100 parts by mass) and 0.01 5 parts by mass of component (C). Component (A): one or more melamine salts selected from melamine orthophosphate melamine pyrophosphate melamine polyphosphate and mixtures containing two or more of these melamine salts. Component (B): one or more piperazine salts selected from piperazine orthophosphate piperazine pyrophosphate piperazine polyphosphate and mixtures containing two or more of these piperazine salts. Component (C): hydrotalcite compound.

No. of Pages: 39 No. of Claims: 6

(22) Date of filing of Application :04/12/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: HYDROELECTRIC GENERATOR DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:2013-102740 :15/05/2013 :Japan :PCT/JP2014/002521 :13/05/2014 :WO 2014/185057 :NA :NA	(71)Name of Applicant:  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)NAKAYAMA, Hitoshi 2)TOKUDA, Noriaki
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

This hydroelectric generator device (10) is provided with: a casing (5); a runner (3) having a plurality of runner vanes (31) arranged annularly centered around a hydraulic turbine shaft (H); a stationary boss (41) positioned/affixed relative to the casing (5); a plurality of guide vanes (42) provided to the outer peripheral side of the stationary boss (41) at the upstream side of the runner vanes (31); a plurality of rotating vanes (44) provided to the upstream side of the plurality of guide vanes (42); a rotor (field magnet (34)) provided to the runner (3); and a stator (armature (2)) provided directly or indirectly to the casing (5).

No. of Pages: 27 No. of Claims: 8

(22) Date of filing of Application :04/12/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: TONER, DEVELOPER, IMAGE FORMING APPARATUS, AND IMAGE FORMING METHOD

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date  :2013-101950 :14/05/2013 :Japan :PCT/JP2013/082511 :27/11/2013	2)SUGIMOTO, Tsuyoshi 3)SAITO, Akinori	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:2013-101950 :14/05/2013 :Japan :PCT/JP2013/082511 :27/11/2013	Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 JAPAN (72)Name of Inventor:  1)MAKABE, Keiji 2)SUGIMOTO, Tsuyoshi

### (57) Abstract:

A toner includes a binder resin including a copolymer resin containing structural units derived from crystalline and non-crystalline resins, respectively. Spin-spin relaxation time (t50) of the toner at  $50^{\circ}$ C measured by pulse NMR is  $\leq$ 0.05msec., spin-spin relaxation time (t130) at  $130^{\circ}$ C when warmed from  $50^{\circ}$ C to  $130^{\circ}$ C is  $\geq$ 15msec., and spin-spin relaxation time (t70) at  $70^{\circ}$ C when cooled from  $130^{\circ}$ C to  $70^{\circ}$ C is  $\leq$ 1.00msec. A binarized image obtained by binarizing a phase image of the toner observed by a tapping mode AFM based on intermediate value between maximum and minimum phase difference values in the phase image includes first phase difference images constituted by large phase-difference portions and a second phase difference image constituted by a small phase-difference portion. The first phase difference images are dispersed in the second phase difference image. The dispersion diameter of the first phase difference images is 150 nm or less.

No. of Pages: 124 No. of Claims: 10

(22) Date of filing of Application :01/12/2015

(43) Publication Date: 04/03/2016

# (54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING 4D CONTENT PRODUCTION SERVICE AND CONTENT PRODUCTION APPARATUS THEREFOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G06Q50/10 :10-2013-0054829 :15/05/2013 :Republic of Korea :PCT/KR2014/004111 :08/05/2014 :WO 2014/185658 :NA :NA :NA	(71)Name of Applicant:  1)CJ 4DPLEX CO., LTD.  Address of Applicant: (Jeungsan-dong), 325, Jeungsan-ro, Eunpyeong-gu, Seoul 122-935 REPUBLIC OF KOREA (72)Name of Inventor:  1)KIM, Ju Whan
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#### (57) Abstract:

The present invention relates to a method and system for providing a 4D content production service and a content production apparatus therefor. The system for providing a 4D content production service includes: a terminal device configured to transmit content source including at least one of a picture, text and video, synopsis information and video time information, to receive content and special effect codes, to select a special effect code corresponding to each play interval of the content and to transmit special effect selection information indicating selected special effect codes; and a content production apparatus configured to produce content using the content source on the basis of the synopsis information and video time information received from the terminal device, to transmit the produced content and special effect codes to the terminal device, to receive the special effect selection information from the terminal device and to generate 4D content using the special effect selection information. According to the present invention, a business proprietor can promote business expansion and improve the image of business and a user can produce 4D content by directly participating in content selection and production.

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

(21) Application No.3925/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/12/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: AVOIDING NARCOLEPSY RISK IN INFLUENZA VACCINES

:NA

:A61K39/145,C07K14/005 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)NOVARTIS AG :61/822,228 (32) Priority Date :10/05/2013 Address of Applicant :Lichtstrasse 35, CH-4056 Basel (33) Name of priority country :U.S.A. **SWITZERLAND** (86) International Application No 2)STEINMAN, Lawrence :PCT/EP2014/059672 Filing Date 3) VOLKMUTH, Wayne :12/05/2014 (87) International Publication No :WO 2014/180999 (72)Name of Inventor: 1)STEINMAN, Lawrence (61) Patent of Addition to Application :NA Number 2) VOLKMUTH, Wayne :NA Filing Date 3)AHMED, SYED, SOHAIL

## (57) Abstract:

Filing Date

The invention provides influenza vaccines and methods which improve the safety of influenza vaccines further, in particular in relation to the risk of causing narcolepsy in adjuvanted vaccines.

No. of Pages: 69 No. of Claims: 20

(62) Divisional to Application Number :NA

(22) Date of filing of Application :01/12/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: ANGLE VALVE WITH HAMMERLESS GRINDING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:61/821,625 :09/05/2013 :U.S.A. :PCT/US2014/037432 :09/05/2014 :WO 2014/182992 :NA	(71)Name of Applicant:  1)BRAY INTERNATIONAL, INC. Address of Applicant: 13333 Westland E Blvd, Houston, TX 77041 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)LAKSHMANAN, Varadharajen 2)VARGHESE, Mathew 3)RAJAN, Karthikeyan 4)MARSHALL, Laural
(61) Patent of Addition to Application		3)RAJAN, Karthikeyan

### (57) Abstract:

In an angle valve, an externally threaded sleeve within the yoke surrounds the stem at an upper end of the stem. A yoke bushing fixed to the valve has internal threads matching with the external threading of the sleeve. A split collar assembly is located on the stem above the sleeve. The stem has a greater diameter itself, and/ or via a nut, at a lower portion of the stem (below the sleeve) relative to the upper portion of stem. The plug stem is designed to pass through the yoke bushing making it possible to perform the normal openclose operation and grinding operation independently.

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

(22) Date of filing of Application :01/12/2015 (43) Publication Date: 04/03/2016

## (54) Title of the invention: USING A GEOMETRY INDICATOR IN HETNET DEPLOYMENTS

(51) International :H04W64/00,H04W16/10,H04W72/04 classification

(31) Priority Document No :61/821,175 :08/05/2013 (32) Priority Date

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

country

(86) International :PCT/SE2014/050558

Application No :07/05/2014 Filing Date

(87) International :WO 2014/182230 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)ZTE WISTRON TELECOM AB

Address of Applicant: Kista Science Tower 18 tr., Färögatan

33. S-164 51 Kista SWEDEN

(72) Name of Inventor:

1)CAO, Aijun

2) SCHIER, Thorsten 3) JOHANSSON, Jan 4)GAO, Yonghong 5)SVEDMAN, Patrick

6)HADJISKI, Bojidar

### (57) Abstract:

In a heterogeneous network deployment that includes a macro base station and one or more low power nodes, a geometry indicator signal is transmitted to facilitate the determination of geometry or location at a user equipment. The geometry indicator, in general, is transmitted on the same or different frequency as the data signal transmission and is transmitted over a range that is same or different from that of the data signal transmission. The geometry indicator signal may be transmitted by the macro base station, the low power nodes or both.

No. of Pages: 49 No. of Claims: 46

(22) Date of filing of Application :28/08/2014

(43) Publication Date: 04/03/2016

(54) Title of the invention: AN INTERMEDIATE DEVICE FOR RIGIDLY HOLDING THE LONG HEAVY WEIGHT BORING HEADS ON HEAVY CNC HORIZONTAL BORING MACHINE (HB) FOR ACCURATE MACHINING OF NARROW SMALL DIAMETER DEEP DIFFUSER BORES OF TURBINE CASING AND THE METHOD FOR THE SAME.

(51) International classification	:F01D25/26	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :REGIONAL OPERATIONS
(33) Name of priority country	:NA	DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(86) International Application No	:NA	KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091,
Filing Date	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(87) International Publication No	: NA	FORT, NEW DELHI - 110049, INDIA. West Bengal
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ELTEM CHANDRAIAH
(62) Divisional to Application Number	:NA	2)POLISETTY SURESH BABU
Filing Date	:NA	3)PRAMEEDULA DEVENDRA

### (57) Abstract:

An intermediate device (12) consisting of a recess (13) for accurate location on spigot (7) of a CNC horizontal boring machines milling spindle is fixed to the machine ram (2) by six bolts on a pitch circle diameter holes (15). A long boring head (4) having a recess is fixed rigidly to the locating pin (18) of the intermediate device (12) by four bolts in a threaded holes (16) making the axis of the boring the head (4) in alignment with the axis of the machine spindle.

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

(21) Application No.3973/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/12/2015 (43) Publication Date: 04/03/2016

# (54) Title of the invention: TRANSMISSION TERMINAL, TRANSMISSION SYSTEM, DISPLAY METHOD AND PROGRAM

(51) International :H04N7/15,G06Q10/00,H04M1/247 classification

(31) Priority Document No :2013-120187 (32) Priority Date :06/06/2013

(33) Name of priority country: Japan

(86) International Application :PCT/JP2014/065393

:04/06/2014

Filing Date

(87) International Publication :WO 2014/196654 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)RICOH COMPANY, LTD.

Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku,

Tokvo, 1438555 JAPAN (72)Name of Inventor: 1)NAGASE, Tatsuva

2)KATO, Yoshinaga

#### (57) Abstract:

A transmission terminal is for a communications connection with an other terminal via a network. The transmission terminal includes a reception unit that receives display data to be displayed on a display unit connected to the transmission terminal from the other terminal; a name acquisition unit that acquires a name associated with the other terminal from one or more names that are registered for the transmission terminal in advance; a name overlaying unit that generates overlaid display data by incorporating the acquired name in the display data; and an image display control unit that displays the overlaid display data on the display unit.

No. of Pages: 142 No. of Claims: 10

(22) Date of filing of Application :04/12/2015 (43) Publication Date : 04/03/2016

## (54) Title of the invention: AN IMPROVED SUPPORT FOR VARIOUS TYPES OF ITEMS

(51) International classification :H01R13/62,H01R9/28 (71)Name of Applicant : (31) Priority Document No 1)JOS TECHNOLOGY SRLS :PI2013A000044 (32) Priority Date Address of Applicant: Via Rinaldo Piaggio, 32, I-56025 :24/05/2013 (33) Name of priority country :Italy Pontedera (PI) ITALY (72) Name of Inventor: (86) International Application No :PCT/IB2014/061617 Filing Date :22/05/2014 1)ARIANI, Marco (87) International Publication No :WO 2014/188366 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

## (57) Abstract:

A system (100) for managing electric devices comprises a first panel (110) having at least one hole (113) and having a first conductive surface (115), a second panel (120) integral and substantially parallel to the first panel (110) and having a second conductive surface (125). In use, the first panel (110) is overlapped to the second panel (120). The system (100) is configured in such a way that the second conductive surface (125) has at least one portion (126) not covered by the first panel (110) and accessible through the or each hole (113). The first conductive surface (115) and the second conductive surface (125) are connected to an electric circuit (10) in such a way that the first conductive surface (115) has a first predetermined polarity, and the second conductive surface (125) has a second predetermined polarity, opposite to the first predetermined polarity. The system (100) for managing electric devices also comprises at least one electric connection member (150) arranged to electrically connect the first conductive surface (115) and the second conductive surface (125) to an electric device (160), in order to close the electric circuit (10) and electrically supply the electric device (160). The first and the second panel (110,120) are made of electrically conductive material, and the first panel (110) is electrically insulated by the second panel (120) by means of an insulating element (140). The insulating element (140) is an insulating glue arranged to constrain the first and the second panel (110,120), in order to make them integral with one another and arrange them close each other.

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

(21) Application No.893/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :28/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: A SOLAR POWER DRIVEN SILK YARN PRODUCTION MACHINE AND A METHOD THEREOF

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	1/00 :NA :NA	(71)Name of Applicant:  1)JHARKHAND SILK TEXTILE & HANDICRAFT DEVELOPMENT CORPORATION LTD  Address of Applicant:DIC Office, Ratu Road, Ranchi – 834005, Jharkhand, India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KUMAR, Dhirendra
(87) International Publication No	: NA	2)VAID, Kunal
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A Tasar silk yarn production machine for manufacture and production of Tasar silk yarn, wherein the end product, i.e., tasar silk yarn is wound over in bobbins is provided. The yarn production machine is capable of being operated by more than one power source and has a gear train and cam arrangement for rotating a multiple number of spindles. The auxiliary power source for driving of the machine is a battery which can be charged by solar power. A plurality of rings in combination is utilized for imparting the necessary twist strength to the silk yarn. A feed roller provided in front side of the yarn production machine enables continuous and uninterrupted supply of yarn to the machine with minimum occurrence of yarn breakages. The operating speeds of the gear trains and cam arrangement can be adjusted to varying levels to commensurate with the optimal requirements of the appropriate actions viz., reeling, spinning and twisting of the Tasar silk yarn. The Tasar silk yarn production machine is aimed at achieving, enhanced parameters and properties of the silk yarn and increased in production.

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

(21) Application No.1262/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :08/04/2010 (43) Publication Date : 04/03/2016

# (54) Title of the invention: BICYCLIC-GAMMA-AMINO ACID DERIVATIVE •

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:25/09/2008 : NA :NA :NA	(71)Name of Applicant:  1)DAIICHI SANKYO COMPANY LIMITED  Address of Applicant: 3-5-1 Nihonbashi Honcho Chuo-ku Tokyo 103-8426 Japan (72)Name of Inventor:  1)SHIMADA Kousei  2)KAWAMURA Asuka 3)ARAKAWA Naohisa 4)DOMON Yuki
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

It is intended to provide a bicyclic -amino acid derivative having excellent activity as an a2d ligand. The present invention provides a compound represented by the general formula (I): Wherein R1, R2, R2, R4, R5, R6, R7, R8 and R8 are a hydrogen atom or the like; and R3 is a hydrogen atom, a halogen atom, a c1-c6 alkyl group, or the like.

No. of Pages: 214 No. of Claims: 23

(22) Date of filing of Application :29/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : AN AUTOMATICALLY RE-ORIENTABLE SOLAR THERMAL SUN TRACKER FOR STANDALONE DISTRIBUTED SOLAR POWER SYSTEMS

(51) International classification	:G01S3/786	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :REGIO CAL OPERATIONS
(33) Name of priority country	:NA	DIVISION(ROD), PLOT NO:9/1, DJ BLOCK 3RD FLOOR,
(86) International Application No	:NA	KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091
Filing Date	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(87) International Publication No	: NA	FORT, NEW DELHI - 110049, INDIA. West Bengal
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RAMESH PAWAR MAMIDI
(62) Divisional to Application Number	:NA	2)SURYASIVAPRAKASH ALAPATI
Filing Date	:NA	3)KOGANTI VENKATA PUSHPA RAMAKRISHNA RAO

### (57) Abstract:

The invention relates to an automatically re-orientable solar thermal sun Tracker for tracking the Sun from morning to evening to produce increased power output, comprising: a supporting device consisting of one each top, and bottom portion, the top portion formed of a panel fixing frame on a horizontal axis rigid shaft detachably attaching a plurality of photovoltaic (PV) modules, the bottom portion consisting of multiple pole members with a base plate affixed at a lower end, at the top end of the bottom portion of the pole members, one each stopper is fixed to limit the movement angle of the panel fixing frame on East and West side, the stoppers provided with vibration dampers to dampen the vibrations and noise in case the tracker hits the stopper due to sudden high winds, the upper end of the each pole member having a Plummer block bearings in which a shaft rigidly connected to the multiple pole members, the bottom portion of the pole member assembly accommodating the base plate rigidly fixed to a concrete base; at least two containers having volatile fluid located at the extreme ends of the panel fixing frame which rotates along East to West direction with the horizontal axis of rotation oriented North-South direction, the container flowably connected to each other via an interconnecting tube for fluid-transfer; a plurality of shadow casting covers provided to the container such that depending on the position of the sun, the covers allow the respective container distal to the sun rays to receive higher impingement generating a temperature differential of the volatile liquid in two containers which leads to inter transfer of the liquid between the containers including application of gravitational force in the containers which causing the tracker to automatically tilt from West to East direction in the morning after the sunrise, and East to West direction during the day time, the tracker facing the west after the sun set.

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

(22) Date of filing of Application :29/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : A METHOD FOR CONTROLLING AN INCREASE IN LOCAL TEMPERATURE OF CLAMP PLATE IN A SPLIT-WINDING POWER TRANSFORMER

		(71)Name of Applicant :
(51) International classification	:H02J7/00	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. West Bengal
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)RAJENDRA KUMAR MOHAPATRA
Filing Date	:NA	2)VISHAL SHRIVASTAVA
(62) Divisional to Application Number	:NA	3)VED PRAKASH SHRIVASTAVA
Filing Date	:NA	4)SOM NATH PIPLANI
		5)RAM SANJIVAN SHRIVASTAVA

## (57) Abstract:

The invention relates to a method for controlling an increase in local temperature of Clamp plate in a split-winding power transformer, the transformer comprising: at least two different electrical windings formed of current conductors covered with electrolytic paper, the windings being mounted concentrically over a core of the transformer with insulating boards and papers isolating said windings from the other structural components of the transformer remaining at ground potential, wherein the core of the transformer is formed by piling a plurality of thin steel sheets on fabricated steel plates constituting clamp plates, the clamp plates when fabricated to corresponding structural components allows the transformer core to be held thereon; a plurality of coils mounted around the core assembly maintaining an axial and redial distance; and a metallic container acting as a tank and filled with di-electric fuel housing the complete core assembly for transferring power between the low voltage circuit and the high voltage circuit of the transformer, providing an additional sheet of non-magnetic material over the existing clamp plate such that the sheet facing the coils; selecting the dimension and location of the additional sheet such that the generated stray electro-magnetic flux terminates on this sheet and disabled to extend up to the clamp plate, thereby eliminating all the effects of additional and local heating inside the transformer.

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

(21) Application No.3777/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: INSPECTING A STEAM GENERATOR

(51) International classification	:G21C17/017	(71)Name of Applicant:
(31) Priority Document No	:61/829,738	1)NUSCALE POWER, LLC
(32) Priority Date	:31/05/2013	Address of Applicant :1100 NE. Circle Boulevard, Suite 200,
(33) Name of priority country	:U.S.A.	Corvallis, Oregon 97330 UNITED STATES OF AMERICA.
(86) International Application No	:PCT/US2014/039825	(72)Name of Inventor:
Filing Date	:28/05/2014	1)POLLOCK, Weston
(87) International Publication No	:WO 2014/193976	2)RASMUSSEN, Adam
(61) Patent of Addition to Application	:NA	3)GALVEZ, Cristhian
Number	:NA	4)YOUNG, Eric Paul
Filing Date	.11/1	5)SIEGEL, Jeff
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A steam generator tube probe includes a probe head comprising an electronic probe coupled between a proximal portion of the head that is configured for entry into a steam generator tube and a distal portion of the head; and a probe shaft coupled to the distal portion of the shaft and comprising a flexible metallic conduit that comprises a plurality of interlocking portions, each interlocking portion moveably affixed to at least one adjacent interlocking portion.

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

(21) Application No.3778/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention : IN SITU MIXING AND APPLICATION OF HYDROCOLLOID SYSTEMS FOR PRE-AND POST HARVEST USE ON AGRICULTURAL CROPS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:A01N25/00 :61/819,633 :05/05/2013 :U.S.A. :PCT/US2014/036717 :04/05/2014 :WO 2014/182579 :NA :NA	(71)Name of Applicant:  1)MIR, Nazir  Address of Applicant: 30 Valley Wood Drive, Somerset, NJ 08873 UNITED STATES OF AMERICA. (72)Name of Inventor:  1)MIR, Nazir
· /		
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

In-situ methods of applying ethylene response manipulation formulations are disclosed. The formulations comprise at least one ethylene response manipulation agent which is at least partially encapsulated, a polyol liquid medium, or a hydrogel medium, or a combination of polyol and hydrogel medium. A preferred ethylene response manipulation agent is 1- methylcyclopropene.

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

(21) Application No.3779/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A PROCESS FOR PREPARING IV ABRADINE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07D223/16 :MI2013A000830 :22/05/2013 :Italy :PCT/IB2014/000762 :19/05/2014 :WO 2014/188248 :NA :NA :NA	(71)Name of Applicant:  1)LABORATORIO CHIMICO INTERNAZIONALE S.P.A. Address of Applicant: Largo Donegani, 2, 20121 Milano ITALY (72)Name of Inventor: 1)SADA, Mara 2)GARIS, Faris 3)BERTOLINI, Giorgio
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## (57) Abstract:

The invention refers to a process for preparing ivabradine in particular a process for preparing an ivabradine salt.

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

(21) Application No.3961/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/12/2015

(43) Publication Date: 04/03/2016

# (54) Title of the invention: MICROCAPSULES CONTAINING A GAS-GENERATING PHOTOLABILE KETOACID OR KETOESTER AND USES THEREOF

(51) International classification :A61K8/37,A61Q13/00,A61K8/11 (71)Name of Applicant : (31) Priority Document No :13168740.2

:WO 2014/187833

(32) Priority Date :22/05/2013

(33) Name of priority country :EPO

(86) International Application :PCT/EP2014/060365

:20/05/2014 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)FIRMENICH SA

Address of Applicant: 1, route des Jeunes, P.O. Box 239, CH-

1211 Geneva 8 SWITZERLAND

(72)Name of Inventor: 1) HERRMANN, Andreas 2) BERTHIER, Damien 3)PARET, Nicolas

4)TRACHSEL, Alain

## (57) Abstract:

The present invention relates to water-dispersable microcapsules comprising an oil phase, e.g. a perfume, containing a photolabile  $\alpha$ ketoacid or α-ketoester capable of generating a gas upon exposure to light. The gas is able to cause an extension or the breaking of the microcapsule allowing the release of the oil phase and thus increasing the long-lastingness of the odor perception. The present invention concerns also the use of said microcapsules in perfumery as well as the perfuming compositions or perfumed articles comprising the inventions microcapsules to provide a prolonged release of fragrant molecules.

No. of Pages: 51 No. of Claims: 15

(21) Application No.3962/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/12/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: TASTE-MODIFYING INGREDIENT

	n:A23L1/222,A23L1/236,A23L2/60	1
(31) Priority Document No	:61/840,401	1)FIRMENICH SA
(32) Priority Date	:27/06/2013	Address of Applicant :1, route des Jeunes, P. O. Box 239, CH-
(33) Name of priority country	:U.S.A.	1211 Geneva 8 SWITZERLAND
(86) International Application	:PCT/EP2014/061417	(72)Name of Inventor:
No	:03/06/2014	1)GELIN, Jean-Luc
Filing Date	:03/00/2014	2)DELATTRE, Maxime
(87) International Publication	:WO 2014/206690	
No		
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.IVA	

# (57) Abstract:

Use of 7-[4,5-dihydroxy-6-(hydroxymethyl)-3-(3,4,5-trihydroxy-6-methyloxan-2-yl)oxyoxan-2-yl]oxy-5-hydroxy-2-(4-hydroxyphenyl)chromen-4-one (rhoifolin) as a taste modifying ingredient in order to reduce bitterness and/or increase sweetness of a foodstuff or beverage.

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

(22) Date of filing of Application :04/12/2015 (43) Publication Date: 04/03/2016

## (54) Title of the invention: ARBEKACIN DERIVATIVE AND PRODUCTION AND USE OF SAME

(51) International :C07H15/236,C07H15/26,A61K31/7048 classification

:2013-114597

:Japan

(31) Priority Document

:30/05/2013 (32) Priority Date

(33) Name of priority

country

(86) International

:PCT/JP2014/064221 Application No :29/05/2014

Filing Date (87) International

:WO 2014/192848 Publication No

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

Filing Date

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

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Address of Applicant :4-16, Kyobashi 2-chome, Chuo-ku,

Tokyo 104-8002 JAPAN

(72)Name of Inventor:

1)MIWA Hiroyasu

2)KISHI Hisashi

3)SASAKI Toshiro 4)MURATA Takashi

5)OYAMA Makoto

6)SANO Nao

7)ODAGIRI Ayako

# (57) Abstract:

It was discovered that an arbekacin derivative containing arbekacin carbonate and a carbamate of arbekacin can be produced by adding carbon dioxide or the like to a solution containing arbekacin free base. It was also discovered that this arbekacin derivative has high stability and that high purity arbekacin free base and pharmaceutically acceptable salts thereof can be efficiently produced by using this arbekacin derivative.

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

(22) Date of filing of Application :01/09/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention: DASHBOARD FOR AUTOMOTIVE VEHICLE WITH INTEGRATED STORAGE COMPARTMENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:B62D25/14 B62D29/04 :NA :NA :NA :NA	(71)Name of Applicant:  1)RENAULT S.A.S. Address of Applicant:13-15 QUAI ALPHONSE LE GALLO 92100 BOULOGNE BILLANCOURT, FRANCE (72)Name of Inventor: 1)CINA TANA VIJAY
(87) International Publication No	: NA	2)DHANDAPANI SARAVANAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Dashboard for an automotive vehicle comprising a dashboard structure, a storage compartment (30) located below an airbag module (20) arranged in an upper part (12) of said dashboard structure and an airbag reinforcement bracket (32) located below the airbag module (20) and resting on the dashboard structure. The airbag reinforcement bracket (32) comprises a back portion (32a) extending frontwards with respect to the longitudinal direction (X) of the vehicle, said back portion (32a) forming an upper and/or rear wall of the storage compartment (30).

No. of Pages: 13 No. of Claims: 9

(22) Date of filing of Application :26/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention : DECORATIVE-MATERIAL TRIMMING DEVICE, AND COATED-ARTICLE PRODUCTION DEVICE AND PRODUCTION METHOD

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:2013-097106 :02/05/2013 :Japan :PCT/JP2014/062021 :30/04/2014 :WO 2014/178413 :NA :NA	(71)Name of Applicant:  1)KATOMOKUZAI KOGYO CO., LTD.  Address of Applicant:105-10, aza-Futatsuiri, Yotsuya-cho, Kasugai-shi, Aichi 4860909 JAPAN (72)Name of Inventor:  1)KATO Hisaya
Filing Date	:NA	

#### (57) Abstract:

Provided is a decorative-material trimming device with which tracing deviation of a guidance part with respect to a base material is inhibited, a surplus end portion of a decorative material can be reliably removed, and chamfering can be performed. This decorative-material trimming device (6) for removing a surplus end portion (S) of a decorative material (9) bonded to an end surface (8a) of a base material (8), and performing chamfering, is provided with a trimming head (41) which is moved along the surplus end portion of the decorative material. The trimming head is provided with: a drive motor (47); a rotary cutter (48) which is coupled to a drive shaft (47a) of the drive motor, and which removes the surplus end portion of the decorative material; an attachment member (49) attached to a side of the rotary cutter along a central axis; and a guidance part (52) which is supported on the attachment member so as to be capable of rotating about the central axis of the rotary cutter, and which rolls along a top of the base material.

No. of Pages: 99 No. of Claims: 7

(21) Application No.3878/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/11/2015

(43) Publication Date: 04/03/2016

# (54) Title of the invention: METHOD FOR MARKING A FEATURE SUBSTANCE, SECURITY FEATURE, DOCUMENT OF VALUE AND METHOD FOR VERIFYING SAID DOCUMENT

(51) International

:B42D15/00,B42D25/00,B41M3/14

classification

(31) Priority Document No :10 2013 007 811.3

(32) Priority Date

:07/05/2013

(33) Name of priority country: Germany

(86) International Application :PCT/EP2014/001197

No

:05/05/2014

Filing Date

(87) International Publication :WO 2014/180557

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

Filing Date

(62) Divisional to Application

Number Filing Date :NA :NA

(57) Abstract:

(71)Name of Applicant:

1)GIESECKE & DEVRIENT GMBH

Address of Applicant :Prinzregentenstraße 159, 81677

M<sup>1</sup>/<sub>4</sub>nchen, GERMANY (72) Name of Inventor: 1)STOCK, Kai, Uwe 2)STARK, Martin

The invention relates to a method for marking a feature substance, more particularly a feature substance present in powder form, with at least one marker, the feature substance being suitable for authenticating documents of value, comprising the step of mixing the feature substance with a small amount of the marker in particle form, so that the macroscopic detectability of the feature substance is unaffected by the marker and the marker is detectable in a document of value bearing a security feature comprising the marked feature substance through a spatially resolving analytical technique able to resolve down to single-particle level.

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

(22) Date of filing of Application :26/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: COPPER ALLOY, USE OF A COPPER ALLOY, BEARING HAVING A COPPER ALLOY, AND METHOD FOR PRODUCING A BEARING COMPOSED OF A COPPER ALLOY

:C22C9/02,C22C9/06,C22C9/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)FEDERAL-MOGUL WIESBADEN GMBH :10 2013 208 497.8 (32) Priority Date Address of Applicant : Stielstraße 11, 65201 Wiesbaden :08/05/2013 (33) Name of priority country **GERMANY** :Germany (86) International Application No: PCT/EP2014/059441 (72) Name of Inventor: Filing Date :08/05/2014 1)SCHMITT, Holger (87) International Publication No: WO 2014/180951 2)MEISTER, Daniel (61) Patent of Addition to 3)SAXTON, David M. :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

### (57) Abstract:

The invention relates to a copper alloy such as, for example, CuNi6Sn5Fe2P0.15, which has hard particles such as, for example, Fe3P or Fe2P and optionally solid lubricants such as, for example, hexagonal boron nitrides or graphite. The invention further relates to the use of said copper alloy for a bearing and to a bearing having said copper alloy. The invention further relates to a method for producing a bearing having a copper alloy, wherein a metal powder is produced, for example, by means of melt atomization, hard particles and optional solid lubricants are optionally added to said powder, and the powder is sintered onto a substrate. Finally, the invention relates to an alternative method for producing a bearing, wherein the copper alloy is applied to a substrate by means of casting or plating or wherein the bearing is made completely of the copper alloy.

No. of Pages: 17 No. of Claims: 14

(21) Application No.715/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :29/06/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: CROSS-LINKING OF EYE TISSUE

(51) International classification	:G06F19/00	(71)Name of Applicant :
(31) Priority Document No	:10 2014 012 675.7	1)WAVELIGHT GMBH Address of Applicant :AM WOLFSMANTEL 5 91058,
(32) Priority Date	:26/08/2014	ERLANGEN GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)KATRIN SKERL
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	
<ul><li>(61) Patent of Addition to Application Number</li><li>Filing Date</li><li>(62) Divisional to Application Number</li></ul>	:NA :NA :NA	

### (57) Abstract:

The present disclosure relates to the cross-linking of eye tissue. Embodiments of the disclosure relate to the activation of a photosensitizer and/or nanoparticles for the cross-linking of eye tissue.

No. of Pages: 27 No. of Claims: 13

(22) Date of filing of Application :02/09/2014

(43) Publication Date: 04/03/2016

# (54) Title of the invention : A PROXIMITY SENSOR DEVICE FOR CONTINUOUS MONITORING OF PROXIMITY SENSOR OF A SRGM

	C01D15/10	(71)None of Ameliana
(51) International classification	:G01P15/18 G06F3/0488	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :REGIONAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD), PLOT NO:9/1, DJ BLOCK 3RD FLOOR,
(33) Name of priority country	:NA	KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091,
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA. West Bengal
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)AMIT GUPTA
Filing Date	:NA	2)UMESH DUTT
(62) Divisional to Application Number	:NA	3)VIKAS SINGH
Filing Date	:NA	

## (57) Abstract:

A proximity sensor testing device for a Super Rapid Gum Mount (SRGM) operation comprising: an input signal connector (4) crimped to pins A, B and C connecting (19) means; a housing (6) mounted on the connector assembly; an output signal cable gland (9) attached the said housing (6) positioned to review an output signal cable assembly; wherein the said output cable assembly is inserted through the said output signal cable gland (9) extended to tip of the said housing (6) to connect to a PCB (7). Said PCB (7) including indicating means.

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

(22) Date of filing of Application :30/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: ELECTRICALLY ACTUATED FRICTION BRAKE

(51) International classification	:B60T13/74	(71)Name of Applicant:
(31) Priority Document No	:A50165/2013	1)VE VIENNA ENGINEERING FORSCHUNGS- UND
(32) Priority Date	:11/03/2013	ENTWICKLUNGS GMBH
(33) Name of priority country	:Austria	Address of Applicant :HEILIGENSTÄDTER LÄNDE 29/5,
(86) International Application No	:PCT/EP2014/054531	A-1190 WIEN AUSTRIA
Filing Date	:10/03/2014	(72)Name of Inventor:
(87) International Publication No	: NA	1)PUTZ, MICHAEL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:3327/KOLNP/2015	
Filed on	:09/10/2015	

## (57) Abstract:

To reduce the attainable actuation times of an electrically actuated friction brake and simultaneously keep the friction brake inexpensive, an electrically actuated friction brake with a brake pad (3) actuated by an actuation device (10) is proposed, wherein for braking the actuation device (10) is driven by a spring and is held open by an electrical actuator (12), so that the spring actuates the friction brake (1) in case of a power loss, wherein a first transmission element (5), that is connected to the brake pad (3), and a second transmission element (8) with an elevation curve (17) are provided and a coupling element (15) is provided on the first transmission element (5), wherein a follower element (14) is arranged on the coupling element (15) that follows the elevation curve (17) under the action of the spring for actuating the first transmission element (5).

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

(19) INDIA

(22) Date of filing of Application :30/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: ELECTRICALLY ACTUATED FRICTION BRAKE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:B60T13/74 :A50165/2013 :11/03/2013 :Austria	(71)Name of Applicant:  1)VE VIENNA ENGINEERING FORSCHUNGS- UND ENTWICKLUNGS GMBH  Address of Applicant: HEILIGENSTÄDTER LÄNDE 29/5, A-1190 WIEN AUSTRIA
(86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:PC1/EP2014/034551 :10/03/2014 : NA :NA :NA	A-1190 WIEN AUSTRIA (72)Name of Inventor: 1)PUTZ, MICHAEL
(62) Divisional to Application Number Filed on	:3327/KOLNP/2015 :09/10/2015	

(21) Application No.3911/KOLNP/2015 A

## (57) Abstract:

To reduce the attainable actuation times of an electrically actuated friction brake and simultaneously keep the friction brake inexpensive, a second transmission element (8) with an elevation curve (17) is proposed in which a coupling element (15) is provided on a first transmission element (5), and on the coupling element (15) there is arranged a follower element (14) which follows the elevation curve (17) under the action of the electric actuator (12) for the actuation of the first transmission element (5).

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

(22) Date of filing of Application :27/08/2014 (43) Publication Date : 04/03/2016

## (54) Title of the invention: SIMPLIFIED PURGE AIR SYSTEM FOR BED LANCE BURNERS OF CFBC BOILERS

		(71)Name of Applicant :
		1)BHARAT HEAVY ELECTRICALS LIMITED
(51) International classification	:B01D53/26	Address of Applicant :REGIONAL OPERATIONS
(31) Priority Document No	:NA	DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(32) Priority Date	:NA	KARUNAMOYEE,SALTLAKE CITY, KOLKATA-700091,
(33) Name of priority country	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(86) International Application No	:NA	FORT,NEW DELHI - 110049, INDIA. West Bengal
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)THIRUMULU KALIRAMAKRISHNAN
(61) Patent of Addition to Application Number	:NA	2)SRIRAGAM VASUDEVAN SRINIVASAN
Filing Date	:NA	3)VADAKANCHERRY VENKATESWARAN SUNDAR
(62) Divisional to Application Number	:NA	4)HAMEED MOHAMED FAROOK BASHAH
Filing Date	:NA	5)KUNHIRAMANNAIR SIVARAMAKRISHNAN
		6)PONNUSAMY VENKATARAMAN
		7)MUKUNDARAJAN LAKSHMINARASIMHAN

### (57) Abstract:

The invention relates to operation of Bed Lance Burners in CFBC boilers and more specifically to provide a simplified purge air system to Bed Lance Burners so as to prevent the Bed material entering into the Bed Lance Burners. According to the present invention (Fig 2, 3) there is provided a system, to provide purge air to Bed Lance Burners in CFBC boilers, in such a way that the fuel oil line and the purge air line are no where connected. The present art provided for Bed Lance firing heavy fuel oil (Fig 2) has the valves (45, 46) and appropriate connection of header (5) and air header (30). The present art provided for Bed Lance firing only light fuel oil (Fig 3) does not provide with the valves (45, 46) and the purge air header (30). Through suitable Control logics for opening and closing of relevant pneumatically operated valves near each Bed Lance Burner, continuous purging of Bed lance Burners is done.

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

(21) Application No.3862/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/11/2015 (43) Publication Date: 04/03/2016

### (54) Title of the invention: NUMERICALLY CONTROLLED MACHINE TOOL

(51) International classification :B23Q1/70,B23Q1/46,B23Q1/28 (71)Name of Applicant : (31) Priority Document No :10-2013-0050013 (32) Priority Date :03/05/2013

(33) Name of priority country :Republic of Korea (86) International Application No:PCT/KR2014/003528

Filing Date :23/04/2014

(87) International Publication No: WO 2014/178559

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

Number :NA Filing Date

1)MIN, Byung Duk

Address of Applicant: 504-1405, 30, Iljung-ro, Ilsanseo-gu Goyang-si, Gyeonggi-do 411-873 REPUBLIC OF KOREA

(72) Name of Inventor: 1)MIN, Byung Duk

#### (57) Abstract:

The present invention relates to a numerically controlled machine tool and, more particularly, to a numerically controlled machine tool which can accurately control a position of a fabrication member for fabricating a workpiece. The numerically controlled machine tool of the present invention comprises: a first post member installed in a body slidingly in the lateral direction; and first, second and third horizontal rails installed in the body elongatedly in the lateral direction and respectively coupled to two points of the rear part and one point of the front part of the first post member for guiding sliding of the first post member.

No. of Pages: 26 No. of Claims: 11

(22) Date of filing of Application :24/11/2015 (43) Publication Date : 04/03/2016

### (54) Title of the invention: TOWER-LIKE WIND GENERATOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:SS2013A000004 :15/05/2013 :Italy	<ul> <li>(71)Name of Applicant:</li> <li>1)MONACO, Catello Raffaele Filippo</li></ul>
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A tower-like wind turbine, that is with vertical axis, comprising a cradle-like supporting structure (2) including and supporting a rotor with vertical axis (3), coaxial thereto, with a central shaft connected to an electric generator, wherein a rotor is provided extending between two horizontal bases (8, 13), the periphery thereof is connected by means of a crown of vertical axes (27) parallel to the central shaft (20), on each one a vertical blade being engaged apt to be rotated by 90° around its own axis; wherein the cradle-like supporting structure is swivelling so as to have the same up-wind and down-wind side, the cradle-like supporting structure comprising: a first device (A) (24) for rotating the blades arranged up-wind, to rotate by 90° the respective blades by changing the orientation thereof from tangential to radial; and a second device (B) (23) for rotating the blades arranged down-wind, to rotate by 90° the respective blades by changing the orientation thereof from radial to tangential; so that the blades at the second device (B) arrange tangentially with the respective concave side directed towards the inside by lining up to a half-cylindrical group of concatenated blades (12) lying on the side of the rotor travelling against the wind, whereas the blades at the first device (A), detaching from said half-cylinder, arrange radially, so that the blades lying on the side in favour of the wind show the concave side thereof to the direction of the wind (11); and so that, by activating the single second device of rotation (B), it is possible arranging all blades tangentially to form a complete peripheral cylinder so as to close to the wind said wind turbine (49). It is equipped with an underneath fixed base (1) wherein the generator lies, it can segment in several floors and be surmounted by a dome-like turbine, closeable to the wind too.

No. of Pages: 25 No. of Claims: 3

:NA

(19) INDIA

(22) Date of filing of Application :03/12/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A CONTROL UNIT FOR CONTROLLING ELECTRICAL APPARATUS

:G06F1/32,G06F3/02,H01H9/16 (71)Name of Applicant : (51) International classification (31) Priority Document No :PD2013A000145 1)VIMAR S.P.A. (32) Priority Date :24/05/2013 Address of Applicant: Viale Vicenza, 14, I-36063 Marostica (33) Name of priority country :Italy (VI) ITALY (86) International Application No: PCT/IB2014/061656 (72) Name of Inventor: Filing Date :23/05/2014 1) GUSI, Piero Camillo (87) International Publication No: WO 2014/188384 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number

#### (57) Abstract:

Filing Date

The invention relates to a control unit for electrical apparatus, of the type comprising a control device which may be wall-mounted and an actuation plate which may be secured thereto. The actuation plate comprises a cover surface and a sensor member for detecting when a users finger comes into contact. The control device comprises a base structure, a terminal block for the electrical connection of the control unit to the electrical apparatus and an abutment member comprising an edge designed to abut on an inner surface of said actuation plate opposite said cover surface, said abutment member being connected to said base structure in such a way as to enable the edge at least to move in translation in a fastening direction of said actuation plate on said control device.

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

(22) Date of filing of Application :03/12/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: FILTER ELEMENT AND A METHOD FOR MANUFACTURING A FILTER ELEMENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:20135608 :31/05/2013 :Finland :PCT/FI2014/050435 :30/05/2014 :WO 2014/191634 :NA	(71)Name of Applicant:  1)OUTOTEC (FINLAND) OY  Address of Applicant:Rauhalanpuisto 9, FI-02230 Espoo FINLAND (72)Name of Inventor:  1)EKBERG, Bjarne
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

A microporous ceramic capillary-action filter plate (22) made of recrystallized silicon carbide, i.e. pure silicon carbide. Silicon carbide (SiC), also known as carborundum, is a compound of silicon and carbon with chemical formula SiC. Grains of silicon carbide can be bonded together at elevated temperatures to form very hard ceramics. Unlike other types of silicon carbide materials, which uses additives (binders) to help bond the silicon carbide particles together, re-crystallized silicon carbide ceramics are produced from pure silicon carbide powder having bimodal grain size distribution, e.g. extremely fine and coarse grains. A filter plate based on pure crystallized silicon carbide is extremely corrosion resistant material which enables significantly longer lifetime of the filter plate also in filtration application wherein fluorine is present.

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

(21) Application No.3750/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention : METHOD, DEVICE, AND ADAPTOR FOR DYNAMICALLY ADJUSTING CHARGING CURRENT OF ADAPTOR TO ACHIEVE THERMAL PROTECTION AND FAST CHARGING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:H02J7/04 :61/830,486 :03/06/2013 :U.S.A. :PCT/CN2014/079100 :03/06/2014 :WO 2014/194811 :NA :NA	(71)Name of Applicant:  1)MEDIATEK INC.  Address of Applicant: No.1, Dusing Road 1st, Science-Based Industrial Park, Hsin-Chu, Taiwan THE PEOPLE'S REPUBLIC OF CHINA (72)Name of Inventor:  1)LEE, Chien-Lung 2)HUANG, Chih-Chien
- 13.555	:NA :NA :NA	

#### (57) Abstract:

A method, device and adaptor for dynamically adjusting charging current of the adaptor to achieve thermal protection and fast charging. The method includes the steps of: checking whether the adaptor is capable of providing a target current for a battery connected to a charger device, and generating a check result; and according to the check result, making the adaptor to adjust a charging voltage provided by the adaptor from a first voltage to a second voltage so as to adjust the charging current supplied by the adaptor.

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

(21) Application No.3751/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/11/2015 (43) Publication Date: 04/03/2016

# (54) Title of the invention: DEVICE AND METHOD RELATED TO LUBRICATION OF COMPONENTS IN A ROCK DRILLING MACHINE AND ROCK DRILLING MACHINE

(51) International classification: B25D17/26,B21B1/00,E21B6/00 (71) Name of Applicant:

(31) Priority Document No :1350767-8 (32) Priority Date :25/06/2013 (33) Name of priority country :Sweden

(86) International Application :PCT/SE2014/000088

:24/06/2014 Filing Date

(87) International Publication :WO 2014/209197

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

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

1)ATLAS COPCO ROCK DRILLS AB

Address of Applicant: S-701 91 Örebro SWEDEN

(72)Name of Inventor: 1) JONSSON, Per

## (57) Abstract:

A device in respect of a hydraulic rock drilling machine (1) with a machine housing (2,3,11), which encloses a hydraulic percussion device, a rotation mechanism (4) for rotation driving a shank adapter (1) and a guiding device (6) for the shank adapter, wherein the rock drilling machine includes at least one supply channel for lubricant to said components intended for lubrication, and at least one outlet channel (5,7) for used lubricant. Said at least one outlet channel (5,7) is connected to a separation chamber (8) for separating particle-shaped impurities existing in used lubricant. The separation chamber (8) has a discharge conduit (9) for treated lubricant. The invention also concerns a method and a rock drilling machine.

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

(21) Application No.3752/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/11/2015 (43) Publication Date: 04/03/2016

# (54) Title of the invention: TRANSPORT DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:B22D11/06 :NA :NA :NA :PCT/CH2013/000063 :16/04/2013 :WO 2014/169397 :NA :NA	(71)Name of Applicant:  1)LAMEC AG  Address of Applicant: Kleinfeldstrasse 23, CH-4565  Recherswil SWITZERLAND  (72)Name of Inventor:  1)LAUENER, Martin  2)LAUENER, Heinrich
- 13.5555 - 5		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The invention relates to transport device particularly for transporting cooling blocks (5) in a caterpillar type mould casting machine wherein the transport device comprises: a plurality of rolling elements (4) which circulate continuously on a circulating path U in the manner of a caterpillar tack and can be driven by a driving device (33); at least two parallel guide paths (20) each of which comprises one or more roller running surfaces (12a 12b) and each of which extends over the entire orbit U; wherein each rolling element (4) comprises a rolling element body (34) which has a first end (35) and a second end (36) in the circulation direction; each rolling element (4) comprises at least one roller (10) in the area of the first end (35) and in the area of the second end (36); and the rollers (10) arranged in the area of the first end (35) of the rolling element bodies (34) roll over roller running surfaces (12a 12b) different from those of the rollers (10) arranged arranged in the area of the second end (36) of the rolling element bodies (34).

No. of Pages: 36 No. of Claims: 32

(21) Application No.3753/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/11/2015 (43) Publication Date: 04/03/2016

### (54) Title of the invention: DEVICE AND METHOD FOR ACQUIRING BIOLOGICAL INFORMATION BY MEANS OF AN INTRACORPOREAL CURRENT

(51) International :A61B5/00,A61B5/021,A61B5/024 classification

(31) Priority Document No :13 53384 (32) Priority Date :15/04/2013

(33) Name of priority country :France

(86) International Application :PCT/FR2014/050745

No :28/03/2014 Filing Date

(87) International Publication :WO 2014/170573

(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)INSIDE SECURE

Address of Applicant : Rue de la Carrière de Bachasson, CS-70025, Arteparc Bachasson, Bt. A, F-13590 Meyreuil FRANCE

(72)Name of Inventor: 1)CHARRAT, Bruno

2) GAGNEROT, Georges

(57) Abstract:

The invention relates to a receiver device (D6) with an intracorporeal current (Id), comprising means (IE2, 0E2) for collecting, by means of capacitive coupling, an alternating signal based on a current that has crossed all or part of the body of a subject, means (40, 100) for extracting data from the collected alternating signal, and means (40, 100) for extracting, from the alternating signal, a biological signal (BS) generated by the body of the subject and modulating the amplitude of the alternating signal.

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

(22) Date of filing of Application :25/08/2015 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: ARRANGEMENT WITH MODULAR PARTS AND ADJUSTABLE CODING MEANS

(32) Priority Date :27/08/2014 Ad (33) Name of priority country :EPO SWITZ (86) International Application No :NA Filing Date :NA 1)RC	Name of Applicant: ELECTRON SYSTEMS AG Address of Applicant:BERNSTRASSE 70, 3250 LYSS TZERLAND Name of Inventor: ROBERT WESS VERNER HUNZIKER
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#### (57) Abstract:

The arrangement comprises at least one modular part of a first type (60), at least one modular part of a second type (60), adjustable coding means (10, 10), which have coding settings, which allow or prevent a joining together of the modular parts, and holding means (62-64, 62-64) for holding one modular part on the other modular part when these are joined together. Coding elements (10, 10) are provided, which in each case are received in a receiving space (51, 51) formed in the modular part of the first or second type (50, 50, 60, 60) and which in each case have a projection (31,31) projecting out of the receiving space. The respective coding element is disposed so as to be movable to and fro in order to assume at least two coding positions, which can be selected so that a) for joining together of the modular parts a respective projection of a coding element is disposed offset in the direction of movement with respect to the projection of an opposing coding element, and b) for prevention of a joining together of the modular parts at least one projection of a coding element abuts the projection of an opposing coding element.

No. of Pages: 17 No. of Claims: 14

(21) Application No.3774/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: IMAGE PROCESSING SYSTEM

(51) International :H04N5/225,G03B15/00,G06T1/00

classification

(31) Priority Document No :2013-103354 (32) Priority Date :15/05/2013 (33) Name of priority country :Japan

(86) International Application :PCT/JP2014/062899

:08/05/2014

Filing Date

(87) International Publication :WO 2014/185479

(61) Patent of Addition to

**Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

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Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku,

Tokvo, 1438555 JAPAN (72)Name of Inventor: 1)KASAHARA, Ryosuke

2)NAKAMURA, Koichiro

(57) Abstract:

An image processing system includes a brightness polarization superimposing unit 20. The brightness polarization superimposing unit 20 superimposes, on a brightness image, polarization information of an image IMP that includes the polarization information, as a change in brightness of each pixel. The image processing system has a function of outputting an image obtained by superimposition by the brightness polarization superimposing unit as an output image IMO.

No. of Pages: 75 No. of Claims: 20

(21) Application No.3775/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: DEVICE FOR CONTROLLING A NO-CURRENT BRAKE

(51) International classification	:B66B5/02	(71)Name of Applicant:
(31) Priority Document No	:1353484	1)MOTEURS LEROY-SOMER
(32) Priority Date	:17/04/2013	Address of Applicant :Boulevard Marcellin Leroy, Cs10015,
(33) Name of priority country	:France	F-16000 Angouleme FRANCE
(86) International Application No	:PCT/IB2014/060627	(72)Name of Inventor:
Filing Date	:10/04/2014	1)VINCENT, Benoît
(87) International Publication No	:WO 2014/170806	
(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 relates to a device (30) for controlling at least one no-current brake (11) with which a rotor is equipped, comprising a regulating system for bringing the brake (11) by controlling the supply of power thereto, in to a state reducing the frictional torque applied, so as to allow the rotor to slip and be driven under the effect of a load, the regulation taking place at least as a function of feedback indicative of the speed of the load so as to keep the speed of the load below a predefined threshold.

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

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 04/03/2016

:01/09/2008

# (54) Title of the invention : HIGH THROUGHPUT DETECTION OF MOLECULAR MARKERS BASED ON AFLP AND HIGH THROUGHPUT SEQUENCING

(51) International classification	:C12Q 1/68	(71)Name of Applicant :
(31) Priority Document No	:60/788706	1)KEYGENE N.V.
(32) Priority Date	:04/04/2006	Address of Applicant :90, AGRO BUSINESS PARK NL-6708
(33) Name of priority country	:U.S.A.	PW WAGENINGEN THE NETHERLAND
(86) International Application No	:PCT/NL2007/000094	(72)Name of Inventor:
Filing Date	:04/04/2007	1)VAN EIJK, MICHAEL, JOSEPHUS, THERESIA
(87) International Publication No	:WO/2007/114693	2)HOGERS, RENE, CORNELIS, JOSEPHUS
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:3565/KOLNP/2008	

#### (57) Abstract:

Filed on

Method for the identifiying the presence or absence of restriction fragments in a sample, comprising the steps of (a) providing two or more sample nucleic acids; (b) digesting each sample nucleic acid with at least one restriction endonuclease to obtain a set of restriction fragments; (c) providing double stranded synthetic adaptors comprising - a 5 primer- complementary sequence, a sample-specitic identifier section, - at least one end that which can be ligated to the blunt or protruding end of a restriction fragment; (d) ligating the double stranded synthetic adaptors to the restriction fragments in the set, to provide a set of adaptor- ligated restriction fragments; (e) optionally, amplification of the set of adaptor-ligated restriction fragments, with one or more primers that are at least complementary to: - the 5 primer-complementary sequence of the adaptor, - the sample-specific identifier section of the adaptor, and, - optionally, a section of the adaptor that is complementary to the protruding remains of the recognition sequence of the at least one restriction endonuclease, to provide for amplified adaptor-ligated restriction fragments (amplicons); (f) determining the sequence of at least the sample-specific identifier section, the remains of the recognition sequence or adjacent to the remains of the recognition sequence of the at least one restriction endonuclease and part of the sequence of the at least one restriction endonuclease, (g) comparing two or more samples for the presence or absence of adapter-ligated restriction fragments; (h) identifying the presence or absence of adaptor-ligated restriction fragments in the sample.

No. of Pages: 30 No. of Claims: 17

(21) Application No.3738/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: CONTINUOUS MULTISTEP PROCESS FOR PURIFYING ANTIBODIES

(51) International classification	:C07K16/06,C07K1/18,C07K1/22	(71)Name of Applicant:
(31) Priority Document No	:13305593.9	1)SANOFI
(32) Priority Date	:06/05/2013	Address of Applicant :54, rue La Boètie, F-75008 Paris
(33) Name of priority country	:EPO	FRANCE
(86) International Application	:PCT/EP2014/059246	(72)Name of Inventor:
No	:06/05/2014	1)DUTHE, Didier
Filing Date	:00/03/2014	2)HEMET, Céline
(87) International Publication	:WO 2014/180852	3)LANDRIC-BURTIN, Laure
No	.WO 2014/160632	4)MOTHES, Benoît
(61) Patent of Addition to	:NA	
Application Number		
Filing Date	:NA	
(62) Divisional to Application	.NI A	
Number	:NA	
E'l' D. (	:NA	

# (57) Abstract:

Filing Date

The invention provides a three step chromatography process for small and large scale purification of proteins specifically monoclonal antibodies using only four buffer solutions made from a mother solution.

No. of Pages: 70 No. of Claims: 32

(21) Application No.3739/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 12/11/2015 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: METHOD FOR ACTUATING AN ELECTRICALLY ACTUATED FRICTION BRAKE

(51) International :F16D65/16,B60T13/06,F16D65/18

classification

(31) Priority Document No :A50257/2013 (32) Priority Date :15/04/2013 (33) Name of priority country: Austria

(86) International Application :PCT/EP2014/057504

:14/04/2014

Filing Date

(87) International Publication :WO 2014/170259

(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)VE VIENNA ENGINEERING FORSCHUNGS- UND

ENTWICKLUNGS GMBH

Address of Applicant: Heiligenstädter Lände 29/5, A-1190

Wien AUSTRIA (72) Name of Inventor: 1)PUTZ, Michael

(57) Abstract:

The aim of the invention is to specifically influence the braking effect of a friction brake (1) in a certain operating point to be able to achieve reliable and simple regulation or control of a required target braking effect of the friction brake (1). For this purpose, an actuation energy (EE) of the electric motor (21) is determined for the braking process and the actuation energy (EE) determined is determined as the actual actuation energy (EE\_ist) in the predetermined target position of the friction brake (1) and a target actuation energy (EE soll) is determined with respect to the target position or with respect to a desired braking action from known data relative to the friction brake (1), a deviation between the actual actuation energy (EE\_ist) and the target actuation energy (EE\_soll) being compensated by actuating the friction brake (1)

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

(21) Application No.3740/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: A CARD WITH AN OFFSET FILED GENERATOR

(51) International classification	:G06K19/06	(71)Name of Applicant:
(31) Priority Document No	:PCT/EP2013/057666	1)CARDLAB APS
(32) Priority Date	:12/04/2013	Address of Applicant :Lyskær 3 EF, DK-2730 Herlev
(33) Name of priority country	:EPO	DENMARK
(86) International Application No	:PCT/EP2014/057506	(72)Name of Inventor:
Filing Date	:14/04/2014	1)NIELSEN, Finn
(87) International Publication No	:WO 2014/167137	2)SPEIERMANN, Finn
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

An assembly of a card and a card reader the card reader comprising a reading head configured to be positioned over a predetermined curve of the card while sensing the electromagnetic field and to output a signal relating to the field sensed the card comprising an oblong field generator comprising at least two end portions configured to output at least part of the electromagnetic field wherein the end portions are at least 1.8mm wide and positioned so that when projected on to a plane of the surface an edge of each end portion is positioned no more than 0.5mm from the curve and/or the curve not overlap the end portions in the projection. The curve is defined by the path of the reading head over the card. The card has a generator displaced in relation to standard cards where the generator is positioned directly under the curve.

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

(21) Application No.3807/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 18/11/2015 (43) Publication Date: 04/03/2016

# (54) Title of the invention: HERBICIDAL MIXTURE OF IMAZETHAPYR AND PROPAQUIZAFOP

(51) International :A01N43/50,A01N43/60,A01P13/00 classification

(31) Priority Document No :524/KOL/2013

(32) Priority Date :08/05/2013

(33) Name of priority country:India

(86) International :PCT/IB2014/061291

Application No :08/05/2014 Filing Date

(87) International Publication :WO 2014/181281

(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)ADAMA QUENA N.V.

Address of Applicant :Pos Cabai Office Park, Unit 13, P.O.

Box 403, Curacao THE NETHERLANDS

(72)Name of Inventor: 1)GOLDSHMIDT, Josef

A synergistic herbicidal mixture for controlling undesired vegetation comprising imazethapyr and propaquizafop, esters, salts and/or combination thereof.

No. of Pages: 24 No. of Claims: 32

<sup>(57)</sup> Abstract:

(21) Application No.3808/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 18/11/2015 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: BUSH FOR STABILIZER

(51) International classification :B60G21/055,F16F1/16,F16F1/36 (71) Name of Applicant : (31) Priority Document No :2013-088614

(32) Priority Date :19/04/2013 (33) Name of priority country :Japan

(86) International Application :PCT/JP2014/060544

:11/04/2014 Filing Date

(87) International Publication :WO 2014/171412

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

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

1)NHK SPRING CO., LTD.

Address of Applicant: 10, Fukuura 3-chome, Kanazawa-ku,

Yokohama-shi, Kanagawa 2360004 JAPAN

(72) Name of Inventor: 1)KURODA, Shigeru

(57) Abstract:

Provided is a bush for a stabilizer, the bush capable of obtaining required bonding strength by achieving uniform surface pressure on the bonding surface of a hole part of the bush when the bush is bonded to a bar of the stabilizer. A bush (100) is provided with a body part (110) having a rectangle-shaped rectangular section (101), and a curved section (102) having a curve-shaped outer periphery. A protruding section (103) protruding outward is formed on the side surface of the body part (110). When being housed in a U-shaped part (41) of a bracket (40) shown in Fig. 3(B), the rectangular section (101) is disposed in a linear section (41A) of the U-shaped part (41), the curved section (102) is disposed in an arc section (41B) of the U-shaped part (41), and the protruding section (103) is pressed to the body part (110) side by the inner surface of the U-shaped part (41).

No. of Pages: 42 No. of Claims: 4

(22) Date of filing of Application: 18/11/2015 (43) Publication Date: 04/03/2016

# (54) Title of the invention: METHOD FOR TRANSMITTING SIGNAL FIELD AND APPARATUS THEREFOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:18/04/2014 :WO 2014/171788 :NA :NA	(71)Name of Applicant:  1)LG ELECTRONICS INC.  Address of Applicant:128, Yeoui-daero, Yeongdeungpo-gu Seoul 150-721 REPUBLIC OF KOREA (72)Name of Inventor:  1)CHOI, Jinsoo  2)LEE, Wookbong 3)CHO, Hangyu 4)LIM, Dongguk 5)CHUN, Jinyoung
Filing Date	:NA	

#### (57) Abstract:

Disclosed is a method for transmitting a signal field in a wireless LAN along with an apparatus therefor. The method for transmitting a signal field in a wireless LAN includes the steps of: generating a signal field by a first STA (station); and transmitting the signal field to a second STA by the first STA in a first OFDM (orthogonal frequency division multiplexing) symbol, a second OFDM symbol and a third OFDM symbol, wherein at least one of a second binary phase shift keying used in the second OFDM symbol and a third binary phase shift keying used in the third OFDM symbol can be rotated in reference to the first binary phase shift keying used in the first OFDM symbol.

No. of Pages: 59 No. of Claims: 10

(21) Application No.918/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :26/08/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention : METHOD AND APPARATUS FOR CASTING PREFABRICATED PRESTRESSED CONCRETE PRODUCTS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:20145760 :02/09/2014	II
<ul><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:Finland :NA	(72)Name of Inventor : 1)EILOLA, JANI
Filing Date (87) International Publication No	:NA : NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract:

A method and an apparatus for casting prefabricated prestressed concrete products with a substantially hor izontal slipform casting process, in which method rein forcement strands are stressed in a bundle on a cast ing bed (2) before the slipform casting is started, wherein the expected behavior of at least one meas urable variable affecting the strand stressing process is predetermined, and the behavior of the at least one measurable variable is measured and compared to its predetermined expected behavior during the strand stressing process.

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

:NA

:NA

(21) Application No.3789/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention : MICROCAPSULES CONTAINING A GAS-RELEASING PHOTOLABILE COMPOUND AND USES THEREOF

(51) International classification :A61K8/37,A61Q13/00,A61K8/11 (71)Name of Applicant : (31) Priority Document No :13168768.3 1)FIRMENICH SA (32) Priority Date :22/05/2013 Address of Applicant: 1, route des Jeunes, P.O. Box 239, CH-1211 Geneva 8 SWITZERLAND (33) Name of priority country :EPO (72)Name of Inventor: (86) International Application :PCT/EP2014/060476 1) HERRMANN, Andreas :21/05/2014 Filing Date 2) BERTHIER, Damien (87) International Publication 3)PARET, Nicolas :WO 2014/187874 No 4)TRACHSEL, Alain (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

(57) Abstract:

Filing Date

Number

The present invention relates to water-dispersible microcapsules comprising an oil phase, e.g. a perfume, containing a photolabile compound capable of generating a gas upon exposure to light. The gas is able to cause an extension or the breaking of the microcapsule allowing the release of the oil phase and thus increasing the long-lastingness of the odor perception. The present invention concerns also the use of said microcapsules in perfumery as well as the perfuming compositions or perfumed articles comprising the inventions microcapsules to provide a prolonged release of fragrant molecules.

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

(22) Date of filing of Application: 17/11/2015 (43) Publication Date: 04/03/2016

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

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:07/07/2014 :WO 2015/005621 :NA :NA	(71)Name of Applicant:  1)WILUS INSTITUTE OF STANDARDS AND  TECHNOLOGY INC.  Address of Applicant: (Jeong-hwan Bldg., Yangjae-dong) 2F  48 Mabang-ro, Seocho-gu Seoul 137-894 REPUBLIC OF  KOREA  (72)Name of Inventor:  1)OH, Hyunoh
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The present invention relates to a method and an apparatus for processing a video signal, and more specifically, to a method and an apparatus for processing a video signal capable of encoding or decoding the video signal. To this end, the present invention provides the method for processing the video signal and the apparatus for processing the video signal using same, the method for processing the video comprising the steps of: receiving a scalable video signal including a base layer and an enhancement layer; receiving a flag indicating whether to use a tile in the enhancement layer; receiving a flag indicating whether to apply a loop filter between tiles and a flag indicating whether tile borders between layers are aligned, when the flag indicating whether to use the tile indicates that a picture referencing a relevant video parameter set includes a plurality of tiles; and decoding a picture in the enhancement layer based on the values of the flag indicating whether to apply the loop filter between the tiles and the flag indicating whether the tile borders between the layers are aligned, which have been received.

No. of Pages: 43 No. of Claims: 5

(22) Date of filing of Application :23/07/2015 (43) Publication Date : 04/03/2016

(54) Title of the invention: ELEVATOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:14183022.4 :01/09/2014 :EPO :NA :NA : NA :NA	Address of Applicant :KARTANONTIE 1, 00330 HELSINKI FINLAND (72)Name of Inventor: 1)MARKKU HAAPANIEMI 2)MATTI RÄSÄNEN 3)MARKKU HÄIVÄLÄ
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)MARKKU HAIVALA 4)JANNE MIKKONEN
(62) Divisional to Application Number Filing Date	:NA :NA	5)ESKO AULANKO

#### (57) Abstract:

Elevator, which comprises a hoistway (H); an elevator car (1) vertically movable in the hoistway (H); abalancing weight (2) vertically movable in the hoistway (H); a first roping (3) comprising one or more belt-shaped first ropes (r) interconnecting the elevator car (1) and balancing weight (2), each of said one or more ropes (r) passing around one or more first rope wheels (4) mounted in proximity of the upper end of the hoistway (H), each of said one or more first ropes (r) comprising one or more load-bearing members (c), each of which load-bearing members (c) being made of composite material comprising reinforcing fibers (F) embedded in a polymer matrix (m); a second roping (5) comprising one or more toothed belt-shaped second ropes (R) interconnecting the elevator car (1) and balancing weight (2), each passing around one or more second rope wheels (6,7) mounted in proximity of the lower end of the hoistway (H), each of said one or more second ropes (R) comprising one or more load-bearing members (C), each of which load-bearing members being made of composite material comprising reinforcing fibers (F) embedded in a polymer matrix (m); said one or more second rope wheels (6,7) comprising a toothed drive wheel (6) engaging said one or more toothed belt-shaped second ropes (R); and a motor (M) for rotating the drive wheel (6).

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

(21) Application No.3799/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 18/11/2015 (43) Publication Date: 04/03/2016

# (54) Title of the invention : RAIL-LOADING TRAIN FOR TRANSPORTING LONG-WELDED RAILS COMPRISING CLAMPING DEVICES FOR THE RAIL SECTIONS

(51) International classification (71)Name of Applicant: :E01B29/17 (31) Priority Document No :20 2013 004 729.1 1)ROBEL BAHNBAUMASCHINEN GMBH (32) Priority Date Address of Applicant :Industriestrasse 31, D-83395 :18/05/2013 (33) Name of priority country Freilassing, GERMANY :Germany (86) International Application No :PCT/EP2014/001147 (72)Name of Inventor : Filing Date :29/04/2014 1)TRAINTINGER, Bernhard (87) International Publication No :WO 2014/187528 2)MACHATSCHEK, Raimund (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

Disclosed is a rail-loading train for transporting long-welded rails (5). A securing device (13) for anchoring the rails (5) is arranged on said rail-loading train. The securing device (13) is composed of a number of clamping devices (14), each of which is provided for anchoring an individual rail (5). The clamping devices (14) are designed so as to be movable relative to the rail-loading train in a longitudinal direction (11) of the wagon by means of a sliding drive (15).

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

(22) Date of filing of Application :20/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention : CUTTING BLADE POSITION ADJUSTMENT MECHANISM AND CUTTING EDGE-REPLACEABLE CUTTING TOOL

(51) International classification :B23C5/24,B23B29/034 (71)Name of Applicant : (31) Priority Document No 1)MITSUBISHI MATERIALS CORPORATION :2013-091633 (32) Priority Date :24/04/2013 Address of Applicant: 3-2, Otemachi 1-chome, Chiyoda-ku, (33) Name of priority country Tokyo 1008117 JAPAN :Japan (86) International Application No :PCT/JP2014/060681 (72) Name of Inventor: Filing Date :15/04/2014 1)SAKUYAMA Toru (87) International Publication No :WO 2014/175114 2)SAITO Takayoshi (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

The purpose of the present invention is to ensure that there is a large margin for positional adjustment of a cutting blade so as to increase the frequency of resharpening and prolong the life of the tool, and to simplify work for adjusting the cutting blade position and enable fine adjustment of the position of the cutting blade to improve machining precision. Provided is a cutting blade position adjustment mechanism (1) for moving a cutting blade member (4) mounted on a tool body (2) relative to the tool body (2) to adjust the position of a cutting blade (8) of the cutting blade member (4), characterized in that: the cutting blade position adjustment mechanism (1) is equipped with a shaft member (5) that extends between the tool body (2) and the cutting blade member (4) and threadably engages with the tool body (2) and a nut member (6) that threadably engages with the shaft member (5) and abuts the cutting blade member (4); a first screw section (21) that threadably engages with the tool body (2) and a second screw section that threadably engages with the nut member (6) are provided coaxially on the shaft member (5) at different positions along the direction of the axis line (C) of the shaft member (5); and the thread pitch of the first screw section (21) and the thread pitch of the second screw section are different from each other.

No. of Pages: 50 No. of Claims: 5

(21) Application No.3831/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/11/2015 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: SECURITY ELEMENT COMPRISING A VOLUME HOLOGRAM

(51) International :D21H21/44,D21H21/48,B42D15/00 classification

(31) Priority Document No :13/53, 843 (32) Priority Date :26/04/2013

(33) Name of priority :France

country

(86) International :PCT/IB2014/060629

Application No :10/04/2014 Filing Date

(87) International Publication: WO 2014/174402

(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)ARJOWIGGINS SECURITY

Address of Applicant :32 avenue Pierre Grenier, F-92100

Boulogne Billancourt FRANCE

(72) Name of Inventor: 1)SARRAZIN, Pierre

#### (57) Abstract:

The present invention relates to a security element (20) to be built into an item, particularly a document (10), said security element comprising a holographic layer, enabling a volume hologram to be generated, and a non-holographic variable opacity structure generated by the presence of: a) one or more cutout(s) and/or at least partially translucent areas and moreover at least partially opaque area(s); and/or b) oriented platelet pigments. The variable opacity structure is at least partially placed over the hologram within a region of the security element observable in transmitted light.

No. of Pages: 34 No. of Claims: 24

(22) Date of filing of Application :20/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: ELECTRICAL HOUSING EQUIPPED WITH A CONNECTION LEVER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H01R4/24 :1353904 :29/04/2013 :France :PCT/FR2014/050829 :07/04/2014 :WO 2014/177784 :NA :NA :NA	(71)Name of Applicant:  1)LEGRAND FRANCE Address of Applicant: 128 avenue du Maréchal de Lattre-de-Tassigny, F-87000 Limoges FRANCE 2)LEGRAND SNC (72)Name of Inventor: 1)CAILLE, Jean-Loup 2)GANESARATNAM, Gokularajah
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#### (57) Abstract:

The invention concerns an electrical housing (1) comprising an insulating body (10) that comprises a lateral wall (11) closed at the back by a bottom wall (12) to delimit an internal volume for receiving at least one electrical apparatus mechanism. According to the invention, the electrical housing also comprises: - at least one electrical connection element (30, 40) fixed to said insulating body and comprising a first terminal that is accessible from said internal volume for connecting said electrical apparatus mechanism, and an external terminal (32, 42) that is located outside the insulating body for connecting an electrical conductor (3, 4), and - a lever (60, 70) for connecting and/or disconnecting the electrical conductor to/from the external terminal, which is movably mounted about a pivot axis transverse to said bottom wall.

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

(22) Date of filing of Application :20/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: ELECTRIC SWITCH WITH MONOSTABLE CONTROL BUTTON

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:H01H3/12 :FR1353674 :23/04/2013 :France :PCT/FR2014/050761 :31/03/2014 :WO 2014/174170	(71)Name of Applicant:  1)LEGRAND FRANCE  Address of Applicant: 128 avenue du Maréchal de Lattre-de- Tassigny, F-87000 Limoges FRANCE  2)LEGRAND SNC  (72)Name of Inventor:  1)GUIBERT, Jean-Sébastien
	:WO 2014/174170 :NA :NA :NA :NA	1)GUIBER1, Jean-Sebastien

#### (57) Abstract:

The invention relates to an electric switch (1) comprising: - a switching mechanism (71) housed in an insulating base (72) at least partially open at the front, - a mounting frame (30) which is fixed with respect to the insulating base and which exhibits an aperture (31) for access to the switching mechanism, and - a control button (10) which comprises, on the one hand, a façade (11) engaged through the access aperture, and, on the other hand, means of mounting with toggling on said mounting frame about at least two distinct axes. According to the invention, said mounting means comprise at least two teeth (13) projecting from the edge of said façade which, when the control button is in the rest position, are engaged in two grooves (33) provided at the rear of the mounting frame.

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

(22) Date of filing of Application :20/11/2015 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: WIRELESS BASE STATION, USER TERMINAL, AND INTERMITTENT RECEPTION METHOD

(51) International :H04W52/02,H04W16/32,H04W28/16

(31) Priority Document No :2013-105642

(32) Priority Date :17/05/2013

(33) Name of priority :Japan

country

(86) International :PCT/JP2014/060949

Application No :17/04/2014

Filing Date
(87) International

Publication No :WO 2014/185213

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

Filing Date
(62) Divisional to
Application Number

NA

Filing Date :NA

(71)Name of Applicant: 1)NTT DOCOMO, INC.

Address of Applicant :11-1, Nagatacho 2-chome, Chiyoda-ku,

Tokyo 1006150 JAPAN (72)Name of Inventor: 1)NAGATA, Satoshi

2)LIU, Liu 3)CHEN, Lan 4)WANG, Lihui 5)LI, Yong 6)WANG, Wenbo

(57) Abstract:

The present invention reduces the power consumption of a user terminal in a wireless communication system in which carrier aggregation is performed that consolidates the component carrier of a small cell and the component carrier of a macrocell. This intermittent reception method has: a step for classifying a wireless bearer set by means of a user terminal into either an RB group (1) containing wireless bearers associated with the component carrier of the macrocell, or an RB group (2) containing wireless bearers associated with the component carrier of the small cell; and a step for transmitting to the user terminal a DRX set (1) used in the intermittent reception of data via a wireless bearer of RB group (2).

No. of Pages: 65 No. of Claims: 10

(22) Date of filing of Application :20/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: MANAGING RE-USE OF RETURNED MEDICATIONS

(51) International classification	:G06Q50/22,G06Q50/24	(71)Name of Applicant:
(31) Priority Document No	:13/900,493	1)CAREFUSION 303, INC.
(32) Priority Date	:22/05/2013	Address of Applicant :3750 Torrey View Court, San Diego,
(33) Name of priority country	:U.S.A.	California 92130 UNITED STATES OF AMERICA.
(86) International Application No	:PCT/US2014/039226	(72)Name of Inventor:
Filing Date	:22/05/2014	1)UTECH, Thomas, William
(87) International Publication No	:WO 2014/190198	2)JASKELA, Maria Consolacion
(61) Patent of Addition to Application	:NA	3)WEBSTER, William Lee
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Methods for managing a return of a prepared medication are provided. In one aspect, a method includes receiving an identification of at least one returned medication delivered to a first location, and receiving an order for another medication. The method also includes determining whether the at least one returned medication is usable for completing the order of the other medication, and when the determination indicates that the at least one returned medication is usable for completing the order of the other medication, providing a notification indicating that the at least one returned medication is usable for completing the order of the other medication. Systems and machine-readable media are also provided.

No. of Pages: 33 No. of Claims: 25

(21) Application No.3800/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 18/11/2015 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: ROLLER HEMMING PROCESSING DEVICE AND ROLLER HEMMING PROCESSING METHOD

(51) International :B21D39/02,B21D19/04,B21D43/00

classification

(31) Priority Document No :2013-090970 (32) Priority Date :24/04/2013 (33) Name of priority country: Japan

(86) International :PCT/JP2014/053118

Application No :12/02/2014

Filing Date

(87) International Publication :WO 2014/174874

(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)NISSAN MOTOR CO., LTD.

Address of Applicant: 2, Takara-cho, Kanagawa-ku,

Yokohama-shi, Kanagawa 221-0023 JAPAN

(72)Name of Inventor:

1)Ryoji TAKAI

2)Kazuya AOKI (DECEASED)

#### (57) Abstract:

A panel that forms a work object is inserted onto a die face (1a) of a hemming die (1) and pre-hemming (preliminary bending) and hemming (main bending) processes are carried out with a hemming roller held by a robot. A nesting mechanism (6) for positioning the panel is provided on a side wall part (1b) of the hemming die (1). The nesting mechanism (6) has a movable nesting block (8), which has a nesting claw part (8b) at the tip thereof, held by a holder (7), and the nesting block (8) is elastically supported retractably in the vertical direction (direction of arrow P1) and slidably (tiltably) displaceable in the direction of arrow P2. Thus, interference of the hemming roller and nesting mechanism (6) has no bad effects on hemming process quality.

No. of Pages: 26 No. of Claims: 6

(21) Application No.3801/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 18/11/2015 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: INTERNAL COMBUSTION ENGINE CONTROL DEVICE AND CONTROL METHOD

(51) International

:F02D15/02,F02D41/10,F02D45/00

classification

(31) Priority Document No :P2013-090059

(32) Priority Date

:23/04/2013 (33) Name of priority country: Japan

(86) International Application

:PCT/JP2014/058406

:26/03/2014

Filing Date (87) International Publication

:WO 2014/174969

(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)NISSAN MOTOR CO., LTD.

Address of Applicant: 2, Takara-cho, Kanagawa-ku,

Yokohama-shi, Kanagawa 221-0023 JAPAN

(72) Name of Inventor:

1)Shinobu KAMADA

2)Taisuke IKARI

3)Sho OHTSU

#### (57) Abstract:

A target compression ratio (\(\epsilon(\epsilon + Tact)\)) after a prescribed time (Tact) from the current time is calculated from the intake volume taken into a cylinder (7) after the prescribed time (Tact) from the current time, and a control command (t) to an electric motor (31) that drives a variable compression ratio mechanism (9) is calculated so that the actual compression ratio ( $\varepsilon r(t + Tact)$ ) after the prescribed time (Tact) is the same as the target compression ratio ( $\varepsilon(t + \text{Tact})$ ) after the prescribed time (Tact). Thus, the actual compression ratio accurately follows the target compression ratio.

No. of Pages: 33 No. of Claims: 9

(21) Application No.3806/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :18/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention : METHOD FOR PRODUCING ALKYL-BENZENE COMPOSITION AND ALKYL BENZENE SULFONATE

(51) International

:C07C15/107,C07C303/06,C07C309/31

classification

(31) Priority Document :2013-088671

No

(32) Priority Date :19/04/2013

(33) Name of priority country

:Japan

(86) International

:PCT/JP2014/060438

Application No Filing Date

:10/04/2014

(87) International

Publication No :WO 2014/171398

(61) Patent of Addition to :NA

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

Application Number :NA :NA

(71)Name of Applicant:

1) JX NIPPON OIL & ENERGY CORPORATION

Address of Applicant :6-3, Otemachi 2-chome, Chiyoda-ku,

Tokyo 1008162 JAPAN

(72)Name of Inventor:

1)KIMURA, Nobuhiro 2)ISHIDA, Hiroki

3)FURUSAWA, Ryuichiro

4)MORI, Kazumi 5)SUZUKI, Takashi

#### (57) Abstract:

Provided is a method for producing an alkyl-benzene composition and an alkyl benzene sulfonate which makes it possible to improve the hue of a linear alkyl benzene sulfonate to be used as a cleaning agent. This alkyl-benzene composition is an alkyl-benzene composition to be used in the production of an alkyl benzene sulfonate, the alkyl-benzene composition being characterized in that upon placing the composition in a quartz sample holder having a path length of 1 cm and performing a spectroscopic analysis thereon, the measured 314nm UV absorbance is 2.98 or less.

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

(21) Application No.3890/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention: MANUAL OVERRIDE UTILITY PUMP

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> </ul>	:01/05/2014 :WO 2014/179609 :NA	(71)Name of Applicant:  1)PENTAIR FLOW TECHNOLOGIES, LLC Address of Applicant:293 Wright Street, Delavan, WI 53115 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)BISHOP, Michael, B.
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A utility pump including a pump body defining an inlet and an outlet, a pump motor positioned within the pump body and arranged to move fluid from the inlet to the outlet, a control circuit arranged to operate the pump automatically, and a remote switch arranged to selectively operate the utility pump in one of an automatic mode and an on mode. When the remote switch is arranged in the on mode the control circuit is bypassed.

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

(21) Application No.3849/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 23/11/2015 (43) Publication Date: 04/03/2016

### (54) Title of the invention: IONIZER AND AIR CONDITIONER HAVING THE SAME

(51) International classification :F24F3/16,A61L9/22,F24F13/20 (71)Name of Applicant :

(31) Priority Document No :10-2013-0053972 (32) Priority Date :13/05/2013

(33) Name of priority country :Republic of Korea

(86) International Application No: PCT/KR2014/004256

Filing Date :13/05/2014 (87) International Publication No: WO 2014/185682

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)LG ELECTRONICS INC.

Address of Applicant: 128, Yeoui-daero, Yeongdeungpo-gu,

Seoul 150-721 REPUBLIC OF KOREA

(72)Name of Inventor:

1)OH, Won Seok 2)LEE, Gi Seop

3)PARK, Bong Gyun

#### (57) Abstract:

Disclosed is an ionizer including a housing positioned at an air inlet of an air conditioner, a PCB mounted to the housing, a wire having one end connected to the PCB, a carbon fiber electrode formed at the other end of the wire, and a cover coupled to the housing for protecting the PCB, the wire and the carbon fiber electrode, thereby permitting easy service of the ionizer and to make an inside of the air conditioner compact.

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

(21) Application No.880/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :26/08/2014 (43) Publication Date : 04/03/2016

# (54) Title of the invention : COMMON LOCATING PAD FOR ROOT AND SHROUD MILLING FOR RIGHT AND LEFT HAND TURBINE BLADES ON HMC MACHINES.'

(51) International classification	:F01D25/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :REGIONAL OPERATIONS
(33) Name of priority country	:NA	DIVISION(ROD), PLOT NO:9/1, DJ BLOCK 3RD FLOOR,
(86) International Application No	:NA	KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091,
Filing Date	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(87) International Publication No	: NA	FORT, NEW DELHI - 110049, INDIA. West Bengal
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ASHWANI KUMAR
(62) Divisional to Application Number	:NA	2)RAVINDER KUMAR
Filing Date	:NA	3)VINOD KUMAR SHARMA

#### (57) Abstract:

A L-shaped common locating pad (A) having a ball stopper (F) for blade for guiding and reference of the said blade is disposed in the system for machining both left hand and right hand blades without changing the locating pad (A). The said pad (A) has a common key (B) for reference of both left hand and right hand blades for setting them for machining. There are four threaded holes (D) on the key (B), two (D1) of these holes (D) are for right hand and two (D2) of these holes (D) are for left hand blade machining. The key (B) is clamped to the pad (A) while the pad (A) is clamped to the fixture with bolts. A key step (G) is set for right hand blades machining when another key step (H) is set for left hand blades machining after 180 degree of common Pad (A) on fixture.

No. of Pages: 12 No. of Claims: 2

(21) Application No.3907/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/11/2015 (43) Publication Date: 04/03/2016

### (54) Title of the invention: FORMULATED POLYURETHANE RESIN COMPOSITIONS FOR FLOOD COATING ELECTRONIC CIRCUIT ASSEMBLIES

(51) International :C09D175/04,C08G18/76,C08G18/48 classification

(31) Priority Document No :61/829,681

(32) Priority Date :31/05/2013 (33) Name of priority :U.S.A.

country (86) International

:PCT/US2014/040421 Application No

:31/05/2014 Filing Date

(87) International :WO 2014/194303 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) CYTEC INDUSTRIES, INC.

Address of Applicant: 5 Garret Mountain Plaza, Woodland Park, NJ 07424 UNITED STATES OF AMERICA.

(72) Name of Inventor:

1) JORDAN, Richard, David, Jr. 2)SCANLON, Thomas, C., IV

### (57) Abstract:

Formulated resin systems containing polymeric flood coat compositions are provided herein and characterized by having an initial mix thixotropic index from 1 to 5, and a gel time from 5 to 15 minutes such that when cured the compositions provide a Shore hardness from 15A to 90A, a thickness on horizontal surfaces from 20 mils to 75 mils, and a thickness on vertical surfaces from 4 mils to 20 mils. Electronic circuit assemblies flood coated with such formulated resin systems, and methods for protecting and supporting said assemblies, are also provided.

No. of Pages: 23 No. of Claims: 25

(22) Date of filing of Application :30/11/2015 (43) Publication Date : 04/03/2016

# (54) Title of the invention : METHODS SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR ELECTRONIC BILL PAYMENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:23/08/2013 :WO 2014/193429 :NA :NA	(71)Name of Applicant: 1)INTUIT INC. Address of Applicant: 2700 Coast Avenue, Mountain View, CA 94043, UNITED STATES OF AMERICA. (72)Name of Inventor: 1)FURBISH, Kevin
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Computer-implemented methods, systems and computer program products for automatic bill payment. The method includes receiving an electronic version of a bill at a bill receiver computer, the bill being received from a source through a network, wherein the bill is payable by a user, and has bill characteristics. The method also includes the bill receiver computer performing a comparison of the bill characteristics of the received bill with pre-determined guardrails associated with an account of the user. The method further includes the bill receiver computer determining whether the bill characteristics trigger a pre-determined guardrail based, at least in part, upon the comparison. Moreover, the method includes the bill receiver computer paying the received bill when the bill characteristics of the received bill do not trigger the predetermined guardrail, else the bill receiver computer transmitting a request to authorize bill payment to a user computer.

No. of Pages: 33 No. of Claims: 28

(22) Date of filing of Application :30/11/2015 (43) Publication Date : 04/03/2016

#### (54) Title of the invention: METHOD FOR PRODUCING WELDED STEEL PIPE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:NA :NA :NA :PCT/JP2013/064852 :29/05/2013 :WO 2014/192091	(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)HORIE Masayuki  2)TAMURA Yukuya 3)MIWA Toshihiro
	:WO 2014/192091 :NA :NA :NA :NA	l '

#### (57) Abstract:

In this method that is for producing a welded steel pipe by means of a press bending method and that produces a steel pipe by causing a starting-material steel plate to be three-point bend press-molded into an open pipe by means of a pair of dies, which are disposed at a predetermined distance in the direction of steel plate transfer, and a punch, which presses the steel plate between the pair of dies, and then welding the open pipe, after performing a plurality of repetitions of first-half press molding from one end in the widthwise direction of the steel plate towards the center in the widthwise direction (but excepting the center in the widthwise direction), performing a plurality of repetitions of second-half press molding from the other end in the widthwise direction towards the center in the widthwise direction (but excepting the center in the widthwise direction to result in an open pipe, causing the portion of the steel plate supported at the dies at the center side in the widthwise direction of the steel plate at the final pass of the second-half press molding to be an unmolded portion, thus producing an open pipe having a small amount of irregularity in the welded portion.

No. of Pages: 32 No. of Claims: 2

(21) Application No.3880/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/11/2015 (43) Publication Date: 04/03/2016

### (54) Title of the invention: BONDING DEVICE FOR DECORATIVE MATERIAL, PRODUCTION DEVICE FOR COATED ARTICLE, BONDING METHOD FOR DECORATIVE MATERIAL, AND PRODUCTION METHOD FOR COATED ARTICLE

(51) International classification :B27M1/08,B05C1/08,B05C5/02 (71)Name of Applicant:

(31) Priority Document No :2013-097104 (32) Priority Date :02/05/2013

(33) Name of priority country :Japan

(86) International Application :PCT/JP2014/062022

:30/04/2014 Filing Date

(87) International Publication No: WO 2014/178414

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

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

1)KATOMOKUZAI KOGYO CO., LTD.

Address of Applicant: 105-10, aza-Futatsuiri, Yotsuya-cho,

Kasugai-shi, Aichi 4860909 JAPAN

(72) Name of Inventor: 1)KATO Hisaya

# (57) Abstract:

Provided is a bonding device for a decorative material, with which a base material and the decorative material can be reliably bonded, and with which strict temperature management of the base material is not required and thus processing costs can be reduced. This bonding device (3) for a decorative material bonds a decorative material (9) to an end surface (8a) of a base material (8), and is provided with: an application unit (17) which applies an adhesive material (10) to a rear surface (9a) of the decorative material fed towards the end surface of the base material conveyed in a prescribed conveyance direction (P); and a pressing unit (18) which presses the rear surface of the decorative material, said rear surface having had the adhesive material applied thereto by the application unit, against the end surface of the base material.

No. of Pages: 85 No. of Claims: 7

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

(43) Publication Date: 04/03/2016

# (54) Title of the invention : PUMP USING MULTI VOLTAGE ELECTRONICS WITH RUN DRY AND OVER CURRENT PROTECTION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:F04B17/03 :61/818,147 :01/05/2013 :U.S.A. :PCT/US2014/036029 :30/04/2014 :WO 2014/179394 :NA :NA	(71)Name of Applicant:  1)FLOW CONTROL LLC.  Address of Applicant:100 Cummings Center, Beverly, Massachusetts 01915 UNITED STATES OF AMERICA. (72)Name of Inventor:  1)PHILLIPS, David L.  2)MEZA, Humberto Valenzuela 3)TRAN, Derrick T.
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#### (57) Abstract:

A pump system features a power adapter and a pump having a signal processor. The power adapter includes voltage settings that respond to a voltage setting by a user and provide a selected voltage. The signal processor receives signaling containing information about the selected voltage supplied to a motor to run the pump, and also containing information about whether a current draw of the pump is lower than a predetermined low current level or is higher than a predetermined high current level; and determines whether to shut off the pump after a predetermined time, based on the signaling received.

No. of Pages: 41 No. of Claims: 22

(22) Date of filing of Application: 13/11/2015 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: BIDIRECTIONAL PEDAL ASSEMBLY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:01/04/2014 :WO 2014/170126 :NA :NA	(71)Name of Applicant:  1)KONGSBERG POWER PRODUCTS SYSTEMS LTD.  Address of Applicant: Christopher Martin Road, Basildon, Essex SS14 3HE UNITED KINGDOM.  (72)Name of Inventor:  1)ROBERTS, Timothy 2)MILLS, Simon
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The present invention provides a bidirectional pedal assembly comprising: a base structure (2) connectable to a vehicle structure; a pedal support member pivotally mounted on the base structure to be pivotable around an axis of rotation from a rest position in a first direction and in a second direction opposite to the first direction; first and second spring elements (20, 40) which are tensioned when the pedal support member is pivoted in the first and second direction, respectively, and which urge the pedal support member to its rest position; characterized in that a first (24, 26, 28) and a second frictional mechanism (44, 46, 48) is disposed between the pedal support member and the first and second springs, respectively, such that, when the pedal support member is pivoted in the first and second directions, one of the first and second frictional mechanisms, respectively, moves with the pedal support member and acts on one of the first and second springs, respectively, by transmitting force from the pedal support member through one of the first and second frictional mechanisms, respectively, to one of the first and second spring elements, and in that each frictional mechanism (24, 26, 28, 44, 46, 48) is arranged to increase a frictional resistance to retard pivotal movements of the pedal support member upon force being transmitted through the respective frictional mechanism.

No. of Pages: 44 No. of Claims: 14

(21) Application No.3755/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/11/2015 (43) Publication Date: 04/03/2016

### (54) Title of the invention: MOBILE STATION COMPRISING SECURITY RESOURCES WITH DIFFERENT SECURITY **LEVELS**

(51) International :H04W12/08,H04L29/06,H04W88/02

classification

(31) Priority Document No :10 2013 006 470.8

(32) Priority Date :15/04/2013 (33) Name of priority

:Germany country

(86) International :PCT/EP2014/000996

Application No :14/04/2014 Filing Date

(87) International

:WO 2014/170006 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) GIESECKE & DEVRIENT GMBH

Address of Applicant: Prinzregentenstrasse 159, D-81677

München GERMANY (72) Name of Inventor: 1)DIETZE, Claus 2) GALKA, Gero

(57) Abstract:

The invention relates to a mobile station comprising a mobile terminal security resources and a detection module implemented in the mobile station by way of which module the security resources of the mobile station can be detected at least one security level of the mobile station obtainable using the security resources can be derived and derived security levels of the mobile station can be issued. The invention further specifies an application charging system having a mobile station of this kind and a risk assessment system for mobile stations.

No. of Pages: 22 No. of Claims: 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3756/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/11/2015 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: DRAWING SYSTEM FOR A KNITTING MACHINE

(51) International classification :D01H5/66,D01H5/26,D04B9/14 (71) Name of Applicant:

:10 2013 103 738.0 (31) Priority Document No (32) Priority Date :15/04/2013

(33) Name of priority country :Germany

(86) International Application :PCT/EP2014/055692

No :21/03/2014 Filing Date

(87) International Publication No:WO 2014/170087

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)SIPRA PATENTENTWICKLUNGS- UND BETEILIGUNGSGESELLSCHAFT MBH

Address of Applicant : Emil-Mayer-Straße 10, 72461 Albstadt

**GERMANY** 

(72) Name of Inventor:

1)FLAD, Axel

2)DZIADOSZ, Thomas 3)SCHWAB, Manuel

#### (57) Abstract:

A drawing system (10) for a knitting machine for producing a fibre composite from a roving having double aprons, which are guided over an apron roller pair (14, 15), and an outlet pressure roller pair (16, 17), wherein the apron roller pair (14, 15) and the outlet pressure roller pair (16, 17) in each case have an upper pressure roller (15, 17) and a lower roller (14, 16) which is driven by electric motor, and the rollers (12-17) are arranged on the front side (11.1) of a base plate (11), whereas the axles (26, 27, 28) thereof are guided through the base plate (11), and the drive means for the lower rollers (12, 14, 16) are arranged at least partially on the rear side of the base plate (11), wherein an extraction means (20) which extends over both upper rollers (15, 17) is arranged on the upper roller (17) of the outlet pressure roller pair (16, 17) and the upper roller (15) of the apron roller pair (14, 15).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3850/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/11/2015 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: MOLD REPLACEMENT METHOD AND MOLD PLATFORM IN BENDING PRESS

(51) International :B30B15/02,B21C37/08,B21D37/04 classification

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

(86) International Application: PCT/JP2013/065141

:31/05/2013

Filing Date

(87) International Publication :WO 2014/192129

(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

Address of Applicant: 2-3, Uchisaiwai-cho 2-chome, Chiyoda-

ku, Tokyo 1000011 JAPAN (72) Name of Inventor:

1)MIWA Toshihiro 2)HORIGIWA Kouzi

#### (57) Abstract:

This bending press uses a pair of dies and a punch (2) that rises and falls between the dies to bend steel sheets on the dies. When a mold (5) at the tip of the punch is replaced, conveying the mold (5) in to directly below the punch (2) and conveying the mold (5) out from directly below the punch are performed using a mold platform (10) which is capable of moving between the pair of dies in the length direction of the punch (2), and which has a mold-accommodating part (12) for accommodating the mold (5) and a raising/lowering mechanism (15) capable of raising and lowering the mold-accommodating part (12).

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

(19) INDIA

(22) Date of filing of Application :23/11/2015 (43) Publication Date: 04/03/2016

#### (54) Title of the invention: POWER SUPPLY DEVICE, IMAGE FORMING DEVICE, AND ELECTRONIC APPLIANCE

(51) International :H02M3/28,G03G21/00,H02M7/21 classification

:WO 2014/175468

(31) Priority Document No :2013-093077 (32) Priority Date :25/04/2013

(33) Name of priority country: Japan

(86) International Application :PCT/JP2014/062209

:25/04/2014

Filing Date

(87) International Publication

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

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

Filing Date

(71)Name of Applicant:

1)RICOH COMPANY, LIMITED

Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku,

Tokvo, 1438555 JAPAN (72) Name of Inventor:

1)YAMASHITA, Tomofumi

#### (57) Abstract:

This invention is concerning a power supply device(1a, 1b) that includes a cut-off unit(S1, S2) configured to cut off voltage to be applied to a primary winding of a transformer(T1) and a coil(L1) added in series with the primary winding of the transformer(T1), a first circuit(D1) configured to cause, in a case where the voltage to be applied is cut off by the cut-off unit(S1, S2), current to flow in such a way that energy accumulated in the transformer(T1) is led to a capacitor(C1), and a second circuit(D2) configured to clamp, in a case where the voltage to be applied is cut off by the cut-off unit(S1, S2), voltage of the primary winding and the coil(L1).

No. of Pages: 31 No. of Claims: 7

#### **AMENDMENT UNDER SEC. 57**

**(1)** 

An application for change in the address of the Patentee from Am Lindenkamp 31,42549 Velbert, Germany to Yale-Allee 30, D-42329 Wuppertal, Germany in respect of Patent No. 223907 (IN/PCT/2001/811/KOL) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

**(2)** 

An application for change in the name of the Patentee from MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. to PANASONIC CORPORATION in respect of Patent No. 212098 (261/CAL/2000) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

### PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (MUMBAI)

NOTICE IS HEREBY GIVEN THAT ANY PERSON INTERESTED IN OPPOSING THE FOLLOWING APPLICATION FOR RESTORATION OF PATENTS UNDER SECTION 60 OF THE PATENT ACT, 1970, MAY AT ANY TIME WITHIN 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

Sl. No.	PATENT NOS.	APPLICANTS	TITLE	DATE OF CESSATION	APPROPRIA OFFICE
1.	221808	Nova Informationstechnik Gmbh	Method and device for establishment of a virtual electronic teaching system with individual interactive communication.	19/08/2014	Mumbai
2.	258135	Prasad Vaidya	A device for cleaning and sanitizing the rectum and anus area of the proctological patient.	20/02/2015	Mumbai

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Seri al Nu mb er	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	271565	247/DELNP/2007	16/06/2005		PROCESS FOR PRODUCING FUEL PELLETS	ABRAFLAME TECHNOLOGY AS and CAMBI AS	03/08/2007	DELHI
2	271567	4070/DELNP/2009	20/12/2007		HERBICIDAL COMPOSITION COMPRISING AN ISOXAZOLINE DERIVATIVE	Kumiai Chemical Industry Co. Ltd.	01/01/2010	DELHI
3	271568	10574/DELNP/2008	17/07/2007	21/07/2006	PYRIMIDINE DERIVATIVES AND THEIR USE AS PESTICIDES	NOVARTIS AG	27/03/2009	DELHI
4	271569	1443/DEL/2007	09/07/2007 13:03:25	1 7 7 / / X 7 / 71 M 1/1	A BLOCK COPOLYMER COMPOSITION AND PROCESS OF MAKING THE SAME	L'OREAL	31/08/2007	DELHI
5	271570	7762/DELNP/2009	08/11/2007	01/06/2007	COMPOSITIONS BASED ON 2,6-DI-TERT-BUTHYL-4-METHYLPHENOL AND A METHOD FOR TREATING FIREARM WOUNDS WITH THE AID OF SAID COMPOSITIONS •	INSTITUTE OF PROBLEMS OF CHEMICAL PHYSICS RAS (IPCP RAS)	25/06/2010	DELHI
6	271572	19/DELNP/2010	03/07/2008	03/07/2007	SOLID PHASE REACTION METHOD AND APPARATUS	SWEDISH BIOMIMETICS 3000 LTD	23/07/2010	DELHI
7	271578	29/DELNP/2007	29/06/2005	01/07/2004	ORAL DOSAGE FORM SAFEGUARDED AGAINST ABUSE CONTAINING (1R,2R)-3-(3- DIMETHYLAMINO-1- ETHYL-2-METHYL- PROPYL)PHENOL	GRUNENTHAL GMBH	03/08/2007	DELHI
8	271580	1356/DELNP/2007	11/08/2005	12/08/2004	A DEVICE FOR REINFORCING A PYLON FOUNDATION AND A METHOD THEREOF	SOCIETE CENTRALE D'ETUDES ET DE REALISATIONS ROUTIERES SCETAUROUTE	03/08/2007	DELHI
9	271584	3423/DELNP/2008	27/10/2006		METHOD OF PRODUCTION OF ULTRA-LOW CARBON CAST SLAB	NIPPON STEEL & SUMITOMO METAL CORPORATION	25/07/2008	DELHI
10	271585	335/DELNP/2010	27/05/2008	03/07/2007	WHEEL ISOLATOR COUPLING	THE GATES CORPORATION	09/07/2010	DELHI

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11	271586	2171/DEL/2005	28/05/1998	02/06/1997	DIHYDROXYPROPYL)-1,4,7-	BAYER PHARMA AKTIENGESELLSC HAFT	31/08/2007	DELHI
12	271589	9923/DELNP/2008	10/08/2001	11/08/2000	AN ORGANOMETALLIC COMPOUND AND AN ORGANIC LIGHT EMITTING DEVICE COMPRISING THE	THE TRUSTEES OF PRINCETON UNIVERSITY, THE UNIVERSITY OF SOUTHERN CALIFORNIA, UNIV ERSAL DISPLAY CORPORATION	22/05/2009	DELHI
13	271591	9154/DELNP/2008	08/05/2007	15/05/2006		LENZING PLASTICS GMBH & CO KG	12/06/2009	DELHI
14	271593	7864/DELNP/2007	29/03/2006	12/04/2005	POLYETHYLENE FILM WITH IMPROVED PROCESSABILITY AND MECHANICAL PROPERTIES	BOREALIS TECHNOLOGY OY	09/11/2007	DELHI
15	271595	9149/DELNP/2008	04/04/2007	31/10/2008	MANUFACTURING METHOD OF ULTRA THIN HIGH TEMPERATURE RESISTANT POLYPROPYLENE DIELECTRIC FILM FOR CAPACITOR	SAMYOUNG CHEMICAL CO. LTD.	22/05/2009	DELHI
16	271596	6934/DELNP/2009	25/03/2008	30/03/2007	GRANULATED PRODUCT PRODUCING METHOD AND	RESEARCH & DESIGN INSTITUTE OF UREA AND ORGANIC SYNTHESIS PRODUCTS OTKRYTOE AKTSIONERNOE OBSCHESTVO (OAO NIIC)	13/12/2013	DELHI
17	271597	2287/DEL/2009	06/11/2009 13:40:50	06/11/2008	THERMOPLASTIC RESIN COMPOSITION AND MOLDED PRODUCT MADE USING THE SAME •	CHEIL INDUSTRIES INC.	25/06/2010	DELHI
18	271598	2749/DELNP/2007	25/10/2005	27/10/2004	NOVEL SKIN CARE FORMULATION	COLGATE- PALMOLIVE COMPANY	03/08/2007	DELHI
19	271599	5253/DELNP/2011	23/12/2009	16/01/2009		SIEMENS VAI METALS TECHNOLOGIES GMBH	04/05/2012	DELHI

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20	271600	5998/DELNP/2010	11/02/2009	29/02/2008	COATING COMPOSITIONS COMPRISING A POLYMER CONTAINING AN OLIGOMERIC MACROMONOMER	PPG INDUSTRIES OHIO, INC.	25/03/2011	DELHI
21	271601	1879/DEL/2007	05/09/2007 15:55:30	08/09/2006	COATING COMPOSITION FOR A METAL, AND METAL MATERIAL HAVING A COATING OF SUCH COATING COMPOSITION	NISSIN CHEMICAL INDUSTRY CO.,LTD.	04/04/2008	DELHI
22	271602	2513/DEL/2006	22/11/2006 14:28:52	24/11/2005	METHOD FOR MELTING ASBESTOS WASTE	KINSEI SANGYO CO., LTD.	31/08/2007	DELHI
23	271603	8494/DELNP/2008	10/04/2007	14/04/2006	PRODUCING METHOD FOR PROPYLENE •	MITSUBISHI CHEMICAL CORPORATION	19/06/2009	DELHI
24	271604	226/DELNP/2009	11/07/2007	12/01/2009	A PROCESS FOR PRODUCING OPTICALLY ACTIVE AMINES	MARK Christoph	31/07/2009	DELHI
25	271605	9964/DELNP/2008	11/05/2007	15/05/2006	MACROCYCLIC COMPOUNDS AS ANTIVIRAL AGENTS	INSTITUTO DI RECERCHE DI BIOLOGIA MOLECOLARE P ANGELETTI SPA	20/03/2009	DELHI
26	271609	2341/DELNP/2008	23/08/2006	23/08/2005	HIGH STRENGTH HOT ROLLED STEEL SHEET CONTAINING HIGH MN CONTENT WITH EXCELLENT WORKABILITY AND METHOD FOR MANUFACTURING THE SAME	POSCO	25/07/2008	DELHI
27	271610	476/DELNP/2009	29/06/2007	25/07/2006	METHOD OF MAKING SODA-LIME-SILICA BASED GLASS	GUARDIAN INDUSTRIES CORP.,CENTRE LUXEMBOURGEOI S DE RECHERCHES POUR LE VERRE ET LA CERAMIQUE S.A. (C.R.V.C)	12/06/2009	DELHI
28	271611	7886/DELNP/2007	04/04/2006	04/04/2005	PROCESS FOR TRANSFERRING COATINGS ONTO A SURFACE OF A LENS SUBSTRATE WITH MOST PRECISE OPTICAL QUALITY	ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE)	09/11/2007	DELHI
29	271612	5208/DELNP/2010	24/03/2009	28/03/2008	ADDITIVES FOR CEMENT	LAFARGE	25/02/2011	DELHI
30	271614	2171/DELNP/2008	29/08/2006	29/08/2005	A METHOD OF MODIFYING A SPIDER SILK PROTEIN	AMSILK GMBH	20/03/2009	DELHI
31	271629	7333/DELNP/2011	04/02/2010	27/03/2009	DIRECT FEED/EFFLUENT HEAT EXCHANGE IN FLUID CATALYTIC CRACKING	UOP LLC	28/12/2012	DELHI
32	271632	2085/DELNP/2011	24/09/2009	10/10/2008	A PROCESS FOR ALKYLATION OF AN ALKYLATABLE AROMATIC COMPOUND	EXXONMOBIL CHEMICAL PATENTS INC.	23/12/2011	DELHI

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33	271636	1363/DEL/2010	11/06/2010 15:15:03		A SYNERGISTIC COMPOSITION FOR NUCLEIC ACID STAINING BY NATURAL DYE FROM RUBIA CORDIFOLIA DERIVATIVE	DR. PADMA S VANKAR,DR. DHARA SHUKLA ,MS. JYOTI SRIVASTAVA,MR. SARVESH KUMAR SRIVASTAVA	09/11/2012	DELHI
34	271639	2419/DEL/2008	23/10/2008 15:51:40		A NOVEL VISCOELASTIC POLYURETHANE AND A PROCESS FOR THE PREPARATION THEREOF	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	30/04/2010	DELHI
35	271650	2959/DEL/2005	07/11/2005	19/11/2004	METHOD AND APPARATUS FOR TESTING A COMPONENT	GENERAL ELECTRIC COMPANY	02/10/2009	DELHI
36	271653	7093/DELNP/2009	10/04/2008	11/04/2007	MELATONIN, TESTOSTERONE, ESTRADIOL PHARMACEUTICAL COMPOSITIONS	MCCARTY John A.	25/06/2010	DELHI
37	271654	6899/DELNP/2009	03/06/2008	05/06/2007	PEELABLE TEMPORARY COATING •	AKZO NOBEL COATINGS INTERNATIONAL B.V.	18/06/2010	DELHI
38	271655	7193/DELNP/2009	01/05/2008	09/05/2007	PROCESS FOR RECOVERING PHENOL AND IMPROVED PROCESS FOR BPA RECOVERY	BADGER LICENSING LLC.	25/06/2010	DELHI
39	271669	692/DELNP/2010	12/08/2008	24/08/2007	IMPROVEMENTS IN OR RELATING TO ORGANIC COMPOUNDS	SYNGENTA LIMITED	23/08/2013	DELHI
40	271670	2964/DELNP/2007	26/09/2005	24/09/2004	CAI-BASED SYSTEMS AND METHODS FOR THE LOCALIZED TREATMENT OF OCULAR AND OTHER DISEASES	RFE PHARMA LLC	24/08/2007	DELHI
41	271672	5704/DELNP/2008	22/01/2007	24/01/2006	PROCESS FOR THE PREPARATION OF RAPAMYCIN DERIVATIVES	NOVARTIS AG.	26/09/2008	DELHI
42	271673	2275/DEL/2009	05/11/2009 11:22:36		MACROPOROUS POLYMERIC MATRIX AND PROCESS OF PREPARATION THEREOF	INDIAN INSTITUTE OF TECHNOLOGY	13/05/2011	DELHI
43	271675	2299/DELNP/2008	27/09/2006	30/09/2005	COMPOUNDS WHICH HAVE ACTIVITY AT M1 RECEPTOR AND THEIR USES IN MEDICINE	GLAXO GROUP LIMITED	15/08/2008	DELHI
44	271678	1904/DELNP/2004	05/12/2002	05/12/2001	LIGHTER-THAN-AIR AIRCRAFT WITH AIR CUSHION LANDING GEAR MEANS	HYBRID AIR VEHICLES LIMITED	06/04/2007	DELHI
45	271679	2487/DELNP/2011	24/09/2009	24/09/2008	PROTEASE INHIBITORS	MEDIVIR AB	30/03/2012	DELHI

271685	732/DEL/2007	30/03/2007 14:44:43		A PROCESS FOR PREPARATION OF ALMINIUM-ZINC- MAGNESIUM-COPPER- ZIRCONIUM ALLOY HAVING SIGNIFICANTLY HIGH STRENGTH	DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION	26/12/2008	DELHI
271688	6098/DELNP/2008	13/01/2007	13/01/2006	COMPOSITIONS COMPRISING AMMONIUM NITRATE DOUBLE SALTS	HONEYWELL INTERNATIONAL INC	26/09/2008	DELHI
271689	4913/DELNP/2008	09/11/2006	09/11/2005	METHOD FOR THE OPERATION OF A SHAFT FURNACE, AND SHAFT FURNACE SUITABLE FOR SAID METHOD	THYSSENKRUPP AT. PROTEC GMBH	26/09/2008	DELHI
271690	5794/DELNP/2008	03/01/2007	03/01/2006	METHOD FOR PRODUCING FLUORINATED ORGANIC COMPOUNDS	HONEYWELL INTERNATIONAL INC	24/10/2008	DELHI
271692	1878/DEL/2007	05/09/2007 15:55:30	08/09/2006	COATING COMPOSITION FOR A METAL, AND METAL MATERIAL HAVING A COATING OF SUCH COATING COMPOSITION	NISSIN CHEMICAL INDUSTRY CO.,LTD	04/04/2008	DELHI
271696	261/DELNP/2008	22/06/2006	22/06/2005	TYROSINE KINASE INHIBITORS	MERCK SHARP & DOHME CORP	04/07/2008	DELHI
27169	2158/DEL/2006 2 <sup>t</sup>	9/09/2006		USEFUL AS ANTIMALARIAL AGENTS,	SCIENTIFIC & INDUSTRIAL 25.	/04/2008	DELHI
271699	6159/DELNP/2010	12/03/2009	12/03/2008	METHOD FOR PRODUCING CHIRAL α,-EPOXY KETONES	STUDIENGESELLS CHAFT KOHLE MBH	10/02/2012	DELHI
271700	1019/DELNP/2007	28/07/2005	30/07/2004	METHOD OF PRODUCING A COMPOSITION, COMPOSITION AND ITS USE	GE HEALTHCARE AS	27/04/2007	DELHI
271701	8145/DELNP/2009	04/09/2008	13/09/2007	COMPOSITIONS CONTAINING A COMBINATION OF Z AND E STEREOISOMERS OF HYDROFLUOROOLEFINS	ARKEMA, INC.	16/07/2010	DELHI
271702	1973/DELNP/2008	18/08/2006	09/09/2005	HIGH TOUGHNESS ABRASION RESISTANT STEEL WITH LITTLE CHANGE IN HARDNESS DURING USE AND METHOD OF PRODUCTION OF SAME •	NIPPON STEEL & SUMITOMO METAL CORPORATION	20/03/2009	DELHI
271705	5032/DELNP/2008	12/12/2006	21/12/2005	4,6 Dihydropyrrolo[3,4-C]pyrazole compound	PFIZER PRODUCT INC.	23/04/2010	DELHI
271707	7447/DELNP/2007	23/02/2006	24/03/2005	A PROCESS OF REDUCING NOX EMISSIONS FROM A REGENERATION ZONE	W.R.GRACE & CO CONN.	09/11/2007	DELHI
	271689 271690 271692 271696 271699 271700 271700 271701	271688 6098/DELNP/2008  271689 4913/DELNP/2008  271690 5794/DELNP/2008  271692 1878/DEL/2007  271696 261/DELNP/2008  271699 6159/DELNP/2010  271700 1019/DELNP/2010  271701 8145/DELNP/2009  271702 1973/DELNP/2008	271685   732/DEL/2007   14:44:43	271685   732/DEL/2007   14:44:43	271685   732/DEL/2007   30/03/2007   14:44:43   REPARATION OF ALMINIUM-ZINC-MAGNESIUM-COPPER-ZIRCONIUM ALLOY HAVING SIGNIFICANTLY HIGH STRENGTH   COMPOSITIONS   COMPOSITIONS   COMPOSITIONS   COMPOSITION   COATING COMPOSITION   COATING OF SUCH   COATING OF SUCH   COATING COMPOSITION   COATING COAT	PREPARATION OF ALMINIUM_ZINC- MAGNISUM_COPPER_ ZIRCONIUM ALLOY HAVING SIGNIFICANTLY HIGH STRENGTH COMPOSITION ORGANISATION   HONEYWELL INTERNATION ALL INTER	PREPARATION OF ALMINIUM_ZINC MAGNESIUM_COPPER   26/12/2008   26/12/2

59	271721	8041/DELNP/2008	05/04/2007	05/04/2006	INCLUDING ODOUR	THE PROCTER & GAMBLE COMPANY	07/11/2008	DELHI
60	271736	7886/DELNP/2010	14/05/2009	16/05/2008	CONTAINING SAID	THE PROCTER & GAMBLE COMPANY	24/02/2012	DELHI
61	271747	8877/DELNP/2010	07/07/2009	11/07/2008	METHOD FOR PRODUCING (IS,2R)-2-CHLORO-2- FLUOROCYCLOPROPANEC ARBOXYLIC ACID	SUMITOMO CHEMICAL COMPANY, LIMITED,DAIICHI SANKYO COMPANY, LIMITED	02/03/2012	DELHI
62	271751	2072/DELNP/2009	02/10/2007	09/10/2006		SYNGENTA LIMITED	15/05/2009	DELHI
63	271754	159/DEL/2008	21/01/2008 12:54:55	22/02/2007	SYSTEM AND METHOD FOR SELF-VERIFICATION OF SAFE STORAGE WITHIN HERMETICALLY SEALED CONTAINERS	GRAINPRO,INC.	12/09/2008	DELHI
64	271761	1158/DELNP/2007	04/08/2005	11/08/2004	DEVICES	THE TRUSTEES OF PRINCETON UNIVERSITY	27/04/2007	DELHI
65	271771	551/DEL/2008	05/03/2008 16:13:35			HINDUSTAN ZINC LIMITED	09/05/2008	DELHI
66	271775	3037/DELNP/2010	23/09/2008	03/10/2007		WEYLCHEM LAMOTTE S.A.S.	07/01/2011	DELHI
67	271776	11557/LIBIT/70108	05/03/2008 16:13:35		A PROCESS FOR THE RECOVERY OF VALUABLE BASE METALS FROM MINERAL BENEFICIATION PROCESS TAILINGS	HINDUSTAN ZINC	09/05/2008	DELHI
68	271777	2184/DELNP/2006	29/10/2004	31/10/2003	TOYCE ODEXTRIN OF THE	THE UNIVERSITY OF KANSAS	15/06/2007	DELHI
69	271778	1428/DEL/2003	18/11/2003		REVERAGE MAKER	GILL GURBAKSHISH,GI LL SIMRAT	25/11/2005	DELHI
70	271779	3232/DELNP/2007	04/08/2003	02/08/2002	FOR A ROTOR BLADE AND	GENERAL ELECTRIC COMPANY	31/08/2007	DELHI

Seri al Nu mbe r	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	271579	440/MUM/2008	04/03/2008		A TWIN-INJECTOR ASSEMBLY FOR MULTIPOINT SEQUENTIAL GAS INJECTION (MPSGI) SYSTEM	TATA MOTORS LIMITED	09/05/2008	MUMBAI
2	271582	381/MUMNP/2009	19/10/2007	19/10/2006	SYSTEM AND METHOD FOR AUTHENTICATING REMOTE SERVER ACCESS	QUALCOMM INCORPORATED	22/05/2009	MUMBAI
3	271583	1510/MUMNP/2006	12/05/2004	12/05/2004	COLLAPSIBLE PROJECTION SCREEN SYSTEMS	CREEL, SILAS	08/06/2007	MUMBAI
4	271587	1494/MUMNP/2008	09/02/2007	10/02/2006	METHOD AND APPARATUS FOR SECURELY BOOTING FROM AN EXTERNAL STORAGE DEVICE	QUALCOMM INCORPORATED	24/10/2008	MUMBAI
5	271606	311/MUM/2009	12/02/2009 11:54:14	29/02/2008	DYNAMIC PROFILE SYSTEM FOR RESOURCE ACCESS CONTROL •	ACCENTURE GLOBAL SERVICES GMBH	17/09/2010	MUMBAI
6	271620	195/MUM/2008	29/01/2008		IMPACT ABSORBING STRUCTURE FOR VEHICLES	MAHINDRA & MAHINDRA LTD.	27/06/2008	MUMBAI
7	271625	2620/MUM/2007	31/12/2007		IMPROVED OPEN TYPE DIFFERENTIAL ASSEMBLY	TATA MOTORS LIMITED	31/10/2008	MUMBAI
8	271635	1808/MUMNP/2008	05/02/2007	07/02/2006	SAFETY OVERRIDE CIRCUIT FOR PNEUMATIC POSITIONER AND METHOD OF USE THEREOF	DRESSER, INC.	19/12/2008	MUMBAI
9	271643	1798/MUM/2008	27/08/2008		IMPROVED PROCESS FOR SITAGLIPTIN	CADILA HEALTHCARE LIMITED	30/07/2010	MUMBAI
10	271648	1999/MUMNP/2008	13/03/2007	22/03/2006	A STORAGE APPARATUS AND METHOD OF STORING MULTI-FUEL IN THE STORAGE APPARATUS	WESTPORT POWER INC.	24/10/2008	MUMBAI
11	271652	2397/MUMNP/2008	11/04/2007	27/04/2006	A GREASE TRAP FOR SEPARATING GREASE AND SOLID WASTE FROM WASTEWATER	THERMACO, INC.	27/02/2009	MUMBAI

12	271663	2576/MUM/2007	27/12/2007		GEAR BOX PTO DRIVEN AC COMPRESSOR SYSTEM	TATA MOTORS LIMITED	18/04/2008	MUMBAI
13	271687	2538/MUM/2008	04/12/2008 14:45:24	20/10/2008	SHIFT GEAR WITH A SHIFTING SHAFT	KOKI TECHNIK TRANSMISSION SYSTEMS GMBH	26/02/2010	MUMBAI
14	271703	1992/MUMNP/2010	31/10/2008	26/03/2008	SULFOXIDATION CATALYSTS AND METHOD AND SYSTEMS OF USING SAME	AUTERRA INC.	29/04/2011	MUMBAI
15	271711	2394/MUMNP/2010	16/04/2009	18/04/2008	HYDROPHILIC AND HYDROPHOBIC SILANE SURFACE MODIFICATION OF ABRASIVE GRAINS	SAINT-GOBAIN ABRASIVES, INC.,SAINT- GOBAIN ABRASIFS	29/07/2011	MUMBAI
16	271765	3003/MUM/2009	29/12/2009 12:11:20		A LOW COEFFICIENT BETA-SPODUMENE BASED CERAMIC PRODUCT	BHARAT GIDWANI	09/07/2010	MUMBAI
17	271766	2338/MUMNP/2011	06/04/2010	09/04/2009	A MOLD AND METHOD OF MANUFACTURING SAME •	SHARP KABUSHIKI KAISHA	16/11/2012	MUMBAI
18	271767	2228/MUMNP/2010	14/04/2009	14/04/2008	FILTER MATERIAL FOR REMOVING AGGREGATES AND METHOD OF FILTERING BLOOD PREPARATION	ASAHI KASEI MEDICAL CO. LTD	07/10/2011	MUMBAI
19	271782	953/MUMNP/2009	21/11/2007	23/11/2006	MEHTOD AND SYSTEM FOR TRANSMITTING DATA IN TDM MODE	CHINA ACADEMY OF TELECOMMUNI CATIONS TECHNOLOGY	22/05/2009	MUMBAI

Seri al Nu mb er	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	271562	6603/CHENP/2008	05/12/2006	07/06/2006	MULTI-SECTIONAL PERCUSSIVE DRILL BIT ASSEMBLY	KEYSTONE AIR AND DRILL SUPPLY CO.	21/08/2009	CHENNAI
2	271573	288/CHE/2009	10/02/2009 17:51:54		A MULTIPURPOSE TRANSPORTATION VEHICLE	INDIAN INSTITUTE OF SCIENCE	20/08/2010	CHENNAI
3	271594	3632/CHENP/2007	09/03/2006	09/03/2005	DYE SETS FOR INK- JET INK IMAGING	HEWLETT- PACKARD DEVELOPMENT COMPANY, L.P	16/11/2007	CHENNAI
4	271617	885/CHE/2005	06/07/2005	09/07/2004	SUBSEA POWER SUPPLY	PRAD RESEARCH AND DEVELOPMENT N.V.	27/07/2007	CHENNAI
5	271618	1366/CHE/2007	26/06/2007	26/06/2006	MODULAR ELECTRICAL APPARATUS PERFORMING AT LEAST TWO ELECTRICAL FUNCTIONS SUCH AS A DIFFERENTIAL CIRCUIT BREAKER	SCHNEIDER ELECTRIC INDUSTRIES SAS	28/11/2008	CHENNAI
6	271624	5706/CHENP/2007	08/05/2006	12/05/2005	HAIR-GROWTH CONTROL DEVICE	KONINKLIJKE PHILIPS ELECTRONICS N.V.	28/03/2008	CHENNAI
7	271674	5194/CHENP/2007	10/05/2006	17/05/2005	METHOD FOR COORDINATION OF CONCURRENT PROCESSES OR FOR CONTROL OF THE TRANSPORT OF MOBILE UNITS WITHIN A NETWORK	ETH EIDGENOSSISCHE TECHNISCHE HOCHSCHULE ZURICH	11/01/2008	CHENNAI
8	271676	1446/CHE/2009	18/06/2009 18:30:08		RUNTIME EXECUTION MANAGEMENT FOR PROCESS WORKFLOW •	Yokogawa Electric Corporation	24/12/2010	CHENNAI
9	271704	1379/CHE/2005	28/09/2005	30/10/2004	SYSTEMS AND METHODS FOR PRESENTING MANAGED DATA	HEWLETT- PACKARD DEVELOPMENT COMAPNY, L.P	14/09/2007	CHENNAI
10	271709	474/CHENP/2008	29/07/2005	29/07/2005	DRIVE BELT	ROBERT BOSCH GMBH	19/09/2008	CHENNAI

11	271710	1445/CHENP/2008	25/08/2006	25/08/2005	A DUST BOOT AND A BALL JOINT	FEDERAL-MOGUL CORPORATION	28/11/2008	CHENNAI
12	271712	5315/CHENP/2007	22/05/2006	24/05/2005	VALVE FOR THE VENTING CIRCUIT OF A LIQUID TANK	INERGY AUTOMOTIVE SYSTEMS RESEARCH (SOCIETE ANONYME)	27/06/2008	CHENNAI
13	271723	1244/CHE/2007	14/06/2007		A METHOD TO SUPPORT DUAL STACK MOBILITY TO USER EQUIPMENTS WHEN THE ACCESS NETWORK SUPPORTS ONLY SINGLE IP VERSION	SAMSUNG R&D INSTITUTE INDIA- BANGALORE PRIVATE LIMITED	26/12/2008	CHENNAI
14	271731	1096/CHENP/2008	04/08/2005	04/08/2005	A MICROPROCESSOR WITH A CONFIGURABLE CONTROL UNIT	SANKHYA TECHNOLOGIES PRIVATE LIMITED	12/09/2008	CHENNAI
15	271733	64/CHE/2009	09/01/2009 16:26:52	09/01/2008	A LIQUID-VAPOUR DISTRIBUTION DEVICE FOR DISTRIBUTION OF A CONCURRENT TWO- PHASE STREAM	HALDOR TOPSOE A/S	07/08/2009	CHENNAI
16	271735	287/CHENP/2008	10/07/2006	18/07/2005	ACCUMULATOR INJECTION SYSTEM FOR AN INTERNAL COMBUSTION ENGINE	GANSER- HYDROMAG AG	19/09/2008	CHENNAI
17	271739	215/CHE/2010	28/01/2010 15:06:22	30/01/2009	FUEL SUPPLY DEVICE	HONDA MOTOR CO., LTD.	27/08/2010	CHENNAI
18	271740	5197/CHENP/2008	26/03/2007	23/03/2007	RETAINED TENSION METAL LOCKING TIE WITH 360 DEGREE SEAL	PANDUIT CORP.	20/03/2009	CHENNAI
19	271741	355/CHENP/2008	10/07/2006	22/07/2005	DAMPING ELEMENT	Hettich-ONI GmbH & Co. KG	19/09/2008	CHENNAI
20	271742	2210/CHE/2006	29/11/2006 16:38:33	29/11/2005	A ROTARY OPERATING HANDLE	Schneider Electric Industries SAS	07/12/2007	CHENNAI
21	271743	401/CHE/2007	27/02/2007 16:53:39	28/02/2006	FRAME AND CORRESPONDING ROADWAY DEVICE	SAINT-GOBAIN PAM	28/11/2008	CHENNAI
22	271748	1563/CHE/2008	26/06/2008 16:46:46		FLEXIBLE MEMBRANE GLANDPLATE	SCHNEIDER ELECTRIC INDUSTRIES SAS	01/01/2010	CHENNAI
23	271753	4614/CHENP/2008	02/03/2007	02/03/2006	FLAT ATOMIZER PUMP	MEADWESTVACO CORPORATION	13/03/2009	CHENNAI
24	271755	3865/CHENP/2007	24/02/2006	04/03/2005	PROPULSION DEVICE	MARTIN AIRCRAFT COMPANY LIMITED	21/12/2007	CHENNAI

25	271756	1302/CHE/2006	26/07/2006 15:36:15	26/07/2005	A SOLENOID VALVE	FESTO AG & CO. KG	15/06/2007	CHENNAI
26	271758	483/CHE/2008	27/02/2008 15:05:15		A CONTACT SYSTEM AND A SPRING MECHANISM	LARSEN & TOUBRO LIMITED	11/09/2009	CHENNAI
27	271764	1128/CHE/2006	30/06/2006 16:34:10		APPARATUS AND METHOD FOR CREATING NEW MEDIA CONTENT IN REAL TIME	SAMSUNG R& D INSTITUTE INDIA BANGALORE PRIVATE LIMITED	09/05/2008	CHENNAI
28	271769	3936/CHENP/2007	07/02/2006	10/02/2005	TWIN-ROLL MACHINE, IN PARTICULAR FOR MATERIAL BED MILLING	KHD HUMBOLDT WEDAG GMBH	21/12/2007	CHENNAI
29	271770	2951/CHENP/2008	12/12/2006	13/12/2005	HERMETIC ELECTROWETTING DEVICE	VARIOPTIC	06/03/2009	CHENNAI
30	271772	5388/CHENP/2008	10/04/2007	10/04/2006	SYSTEM FOR DELIVERING SEQUENTIAL COMPONENTS	Poppack LLC	20/03/2009	CHENNAI
31	271773	4622/CHENP/2008	30/01/2007	02/02/2006	AN APPARATUS FOR PUMPING FREE- FLOWING MATERIALS	FYDEC HOLDING SA	13/03/2009	CHENNAI

Seri al Nu mb er	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	271571	2615/KOLNP/2009	14/12/2007	22/12/2006	HYDROTREATMENT CATALYST METHOD FOR PRODUCTION AND USE THEREOF	TOTAL RAFFINAGE MARKETING,IFP ENERGIES NOUVELLES	21/08/2009	KOLKATA
2	271574	4329/KOLNP/2008	02/04/2007	04/04/2006	A POSITIONAL INFORMATION PROVIDING APPARATUS FOR PROVIDING POSITIONAL INFORMATION	GNSS TECHNOLOGIES INC.	06/03/2009	KOLKATA
3	271575	1086/KOL/2008	23/06/2008	09/07/2007	AN IMPROVED MULTI-SPEED TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	24/04/2009	KOLKATA
4	271576	2698/KOLNP/2010	07/01/2009	10/01/2008	METHOD, SYSTEM AND APAPRATUS FOR NETWORK DEVICE TO ACCESS PACKET SWITCHED NETWORK		01/10/2010	KOLKATA
5	271577	933/KOLNP/2010	05/09/2008	27/09/2007	METHOD AND ARRANGEMENT FOR PROVIDING VOIP COMMUNICATION	UNIFY GMBH & CO. KG	06/08/2010	KOLKATA
6	271581	1414/KOLNP/2010	17/04/2009	04/07/2008	WIRELESS COMMUNICATION SYSTEM WITH MULTIPLE TRANSMISSION ANTENNAS USING PILOT SUBCARRIER ALLOCATION	LG ELECTRONICS INC.	02/07/2010	KOLKATA
7	271588	1203/KOLNP/2009	04/09/2007	05/09/2006	METHOD OF PREPARING CERIUM DIOXIDE NANOPARTICLES	CERION TECHNOLOGY, INC.	22/05/2009	KOLKATA
8	271590	112/KOL/2007	31/01/2007		AN IMPROVED pH INDICATOR SOLUTION	SANDIP KUMAR GHOSH	27/03/2009	KOLKATA
9	271592	2904/KOLNP/2008	15/01/2007	17/01/2006	RADIO COMMUNICATION DEVICE AND RETRANSMISSION PACKET TRANSMISSION METHOD	NTT DOCOMO, INC.	06/02/2009	KOLKATA

10	271607	3304/KOLNP/2009	11/06/2008	11/06/2007	PARTITIONING OF FREQUENCY RESOURCES FOR TRANSMISSION OF CONTROL SIGNALS AND DATA SIGNALS IN SC-FDMA COMMUNICATION SYSTEMS	SAMSUNG ELECTRONICS CO., LTD.	20/08/2010	KOLKATA
11	271608	248/KOL/2007	19/02/2007 15:03:08	03/03/2006	A METHOD AND A SYSTEM FOR RESOLVING MAGNETIC DIPOLE AMBIGUITY IN POSITION TRACKING MEASUREMENT	BIOSENSE WEBSTER, INC.	28/09/2007	KOLKATA
12	271613	1998/KOLNP/2010	31/12/2008	01/01/2008	A METHOD AND AN APPARATUS FOR PROCESSING AN AUDIO SIGNAL	LG ELECTRONICS INC.	03/09/2010	KOLKATA
13	271615	545/KOLNP/2010	17/09/2008	18/09/2007	METHOD AND SYSTEM FOR TRANSMITTING AND RECEIVING SIGNALS	LG ELECTRONICS INC.	14/05/2010	KOLKATA
14	271616	1452/KOLNP/2010	15/10/2008	15/10/2007	A METHOD AND AN APPARATUS FOR PROCESSING A SIGNAL	LG ELECTRONICS INC.,INDUSTRY- ACADEMIC COOPERATION FOUNDATION, YONSEI UNIVERSITY	23/07/2010	KOLKATA
15	271619	935/KOLNP/2010	09/09/2008	10/09/2007	WIRELESS COMMUNICATION SYSTEM USING PILOT SUBCARRIER ALLOCATION	LG ELECTRONICS INC.	18/06/2010	KOLKATA
16	271621	527/KOLNP/2008	01/08/2006	25/08/2005	A METHOD OF PROVIDING A SERVICE ON A DOWNLINK SHARED CHANNEL	LG ELECTRONICS INC.	07/11/2008	KOLKATA
17	271622	3722/KOLNP/2008	28/02/2007	29/03/2006	NON-INVASIVE FLOW MEASUREMENT	ALCON, INC.	20/02/2009	KOLKATA
18	271623	1020/KOLNP/2007	11/10/2005	14/10/2004	METALLURGICAL FURNACE	OUTOTEC OYJ	13/07/2007	KOLKATA
19	271626	2224/KOLNP/2008	01/12/2006	22/12/2005	OPHTHALMOLOGICA L MEASURING SYSTEM AND METHOD FOR DETERMINING THE BIOMETRIC DATA OF AN EYE	CARL ZEISS MEDITEC AG	16/01/2009	KOLKATA
20	271627	1394/KOLNP/2008	12/10/2006	14/10/2005	ULTRASONIC DEVICE FOR CUTTING AND COAGULATING	ETHICON ENDO- SURGERY, INC	26/12/2008	KOLKATA

21	271628	763/KOLNP/2010	19/08/2008	31/08/2007	CALIBRATABLE MULTIDIMENSIONAL MAGNETIC POINT SENSOR	FRAUNHOFER- GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	21/05/2010	KOLKATA
22	271630	1479/KOLNP/2008	19/10/2006	28/10/2005	A METHOD FOR PRODUCING A PAIR OF OPTHALMIC LENSES FOR AN INDIVIDUAL	JOHNSON & JOHNSON VISION CARE, INC.	02/01/2009	KOLKATA
23	271631	1696/KOLNP/2009	01/11/2007	01/11/2006	SYSTEMS AND METHODS FOR SIGNAL REDCUTION IN WIRELESS COMMUNICATION	STARENT NETWORKS LLC	12/06/2009	KOLKATA
24	271633	551/KOLNP/2011	13/07/2009	11/07/2008	A PROCESS FOR REDUCING SLAG WHILE COMBUSTING SLAG FORMING COAL HAVING A HIGH IRON AND/OR HIGH CALCIUM CONTENT	FUEL TECH, INC.	22/04/2011	KOLKATA
25	271634	1649/KOLNP/2007	16/06/2005	05/11/2004	A DEVICE FOR THE THERAPY OF OBESITY	ETHICON ENDO- SURGERY, INC.	17/08/2007	KOLKATA
26	271637	973/KOLNP/2007	12/09/2005	07/10/2004	AN AUTOMATIC RESTART PROCEDURE IN A SYSTEM OF MANUFACTURING OF CHOPPED STRANDS	SAINT-GOBAIN VETROTEX FRANCE S.A.	13/07/2007	KOLKATA
27	271638	1952/KOLNP/2007	02/02/2005	18/11/2004	IMPROVED STACKING BASKET	ARAVEN, S.L.	10/08/2007	KOLKATA
28	271640	3420/KOLNP/2009	22/04/2008	23/04/2007	METHOD AND DEVICE FOR TESTING VALUE DOCUMENTS	GIESECKE & DEVRIENT GMBH	18/12/2009	KOLKATA
29	271641	3047/KOLNP/2008	01/02/2007	06/02/2006	MICROSURGICAL INSTRUMENT	ALCON, INC.	17/04/2009	KOLKATA
30	271642	124/KOL/2009	21/01/2009 16:05:09	19/02/2008	AN OIL SYSTEM FOR SELECTIVELY DEACTIVATING VALVES FOR SPECIFIED CYLINDERS OF AN INTERNAL COMBUSTION ENGINE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	28/08/2009	KOLKATA
31	271644	138/KOLNP/2008	10/08/2006	11/08/2005	ALERTNESS SENSING SPECTACLES	SLEEP DIAGNOSTICS PTY. LTD.	12/09/2008	KOLKATA
32	271645	2438/KOLNP/2007	06/12/2005	07/12/2004	WATER PURIFIER	GLOW AB	24/08/2007	KOLKATA

33	271646	1395/KOLNP/2009	15/09/2007	21/09/2006	RFID TAG	IPICO SOUTH AFRICA (PROPRIETARY) LIMITED,EM MICROELECTRONIC -MARIN SA	29/05/2009	KOLKATA
34	271647	1662/KOLNP/2008	24/10/2006	28/10/2005	A SENSOR SYSTEM FOR MEASURING A THICKNESS OF A TUBULAR FOIL	WINDMOLLER & HOLSCHER KG.	26/12/2008	KOLKATA
35	271649	520/KOL/2008	13/03/2008	30/03/2007	EIGHT SPEED AUTOMATIC TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
36	271651	170/KOL/2009	30/01/2009 16:30:46		MEASUREMENT OF A PARAMETER ASSOCIATED WITH MOTION OF AN OBJECT	SIEMENS INFORMATION SYSTEMS LTD.	06/08/2010	KOLKATA
37	271656	2746/KOLNP/2008	23/01/2007	26/01/2006	OPTICAL SYSTEM FOR DISPLAYING AN IMAGE ON THE SURFACE OF A SOLAR PANEL	SAINT-GOBAIN GLASS FRANCE	23/01/2009	KOLKATA
38	271657	866/KOL/2009	16/06/2009 15:57:43	24/06/2008	PASSIVE HEAT RADIATOR AND STREETLIGHT HEAT RADIATING DEVICE	YANG, HONGWU	22/01/2010	KOLKATA
39	271658	1225/KOL/2006	15/11/2006 15:59:23	22/11/2005	PLASMA ARC TORCH	THE ESAB GROUP,INC.,	05/12/2008	KOLKATA
40	271659	1939/KOL/2008	03/11/2008	04/11/2007	METHOD FOR CONTROLLING A POWERTRAIN SYSTEM, SELECTING A PREFERRED OPERATING RANGE STATE	GM GLOBAL TECHNOLOGY OPERATIONS, LLC,DAIMLER AG,CHRYSLER LLC,BAYERISCHE MOTOREN WERKE AKTIENGESELLSCH AFT	05/06/2009	KOLKATA
41	271660	744/KOLNP/2010	18/09/2008	18/09/2007	EFFECTIVE DATA BLOCK TRANSMISSION METHOD USING HEADER INDICATOR	LG ELECTRONICS INC.	02/07/2010	KOLKATA
42	271661	1677/KOLNP/2008	30/10/2006	31/10/2005	HEAT-RESISTANT ALLOY ADAPTED TO PRECIPITATE FINE TI- Nb-Cr CARBIDE OR TI- Nb-Zr-Cr CARBIDE	KUBOTA CORPORATION	26/12/2008	KOLKATA
43	271662	683/KOLNP/2007	17/08/2005	17/08/2004	NON-PRECIPITATING BODILY FLUID ANALYSIS SYSTEM	POLYMER TECHNOLOGY SYSTEMS, INC.	06/07/2007	KOLKATA
44	271664	4541/KOLNP/2008	10/05/2007	11/05/2006	STATOR CASING FOR ECCENTRIC WORM PUMPS	NETZSCH PUMPEN & SYSTEME GMBH	13/03/2009	KOLKATA

45	271665	204/KOLNP/2009	09/07/2007	25/07/2006	FOUR STROKE INTERNAL COMBUSTION ENGINE	YAMAHA HATSUDOKI KABUSHIKI KAISHA	08/05/2009	KOLKATA
46	271666	3282/KOLNP/2010	13/05/2009	06/11/2008	APPARATUS FOR TRANSMITTING AND RECEIVING A SIGNAL AND METHOD OF TRANSMITTING AND RECEIVING A SIGNAL	LG ELECTRONICS INC.	25/11/2011	KOLKATA
47	271667	3265/KOLNP/2010	12/05/2009	21/10/2008	APPARATUS FOR TRANSMITTING AND RECEIVING A SIGNAL AND METHOD OF TRANSMITTING AND RECEIVING A SIGNAL	LG ELECTRONICS INC.	12/11/2010	KOLKATA
48	271668	3341/KOLNP/2007	08/03/2006	08/03/2005	A MECHANISM FOR PREVENTING STICKING IN AN EXHAUST GAS CIRCULATION VALVE ASSEMBLY FOR USE IN A MOTOR VEHICLE	BORGWARNER INC.	02/05/2008	KOLKATA
49	271671	992/KOL/2009	22/07/2009 16:28:18		AN IMPROVED MICROMETER DEVICE FOR ACCURATE MEASUREMENT OF OUTSIDE DIAMETER OF THIN WALLED STAINLESS TUBES FOR THE PURPOSE OF MEASURING RESIDUAL STRESS	BHARAT HEAVY ELECTRICALS LIMITED	08/07/2011	KOLKATA
50	271677	2690/KOLNP/2008	17/01/2007	25/01/2006	UNIT CUVETTE FOR ANALYZING A BIOLOGICAL FLUID, AUTOMATIC DEVICE FOR IN VITRO ANALYSIS	BIOCODE HYCEL FRANCE SA	23/01/2009	KOLKATA
51	271680	4763/KOLNP/2008	05/06/2007	08/06/2006	MEANS FOR CONTROLLING THE PROGRESSION OF MYOPIA	VISION CRC LIMITED	13/03/2009	KOLKATA
52	271681	124/KOLNP/2008	22/08/2006	22/08/2005	METHOD OF PROCESSING CONTROL INFORMATION MESSAGES FOR POINT- TO-MULTIPOINT SERVICES	LG ELECTRONICS INC.	12/09/2008	KOLKATA
53	271682	3598/KOLNP/2007	27/03/2006	31/03/2005	METHOD FOR ASSIGNING RADIO RESOURCES OF PHYSICAL CHANNELS IN UPLINK, AND RECEIVER USED FOR MOBILE UNIT	NTT DOCOMO INC	18/01/2008	KOLKATA

54	271683	570/KOLNP/2008	26/08/2006	07/09/2005	KIT OR SET COMPRISING AT LEAST TWO DIFFERENTLY DIMENSIONED TYPES CABLE GLANDS	ANTON HUMMEL VERWALTUNGS GMBH	14/11/2008	KOLKATA
55	271684	902/KOLNP/2009	19/09/2007	25/09/2006	IMPROVED SPATIAL RESOLUTION OF THE SOUND FIELD FOR MULTI-CHANNEL AUDIO PLAYBACK SYSTEMS BY DERIVING SIGNALS WITH HIGH ORDER ANGULAR TERMS	DOLBY LABORATORIES LICENSING CORPORATION	22/05/2009	KOLKATA
56	271686	790/KOLNP/2009	25/06/2007	10/08/2006	A CYCLO- CONVERTER AND METHODS OF OPERATION	EATON POWER QUALITY COMPANY	05/06/2009	KOLKATA
57	271691	4004/KOLNP/2007	04/05/2006	06/05/2005	ELECTRICALLY CONDUCTING CONTACT AND METHOD FOR PRODUCTION THEREOF	ABATEK INTERNATIONAL AG	30/05/2008	KOLKATA
58	271693	2106/KOLNP/2007	24/10/2005	17/11/2004	ROCK DRILL BIT	SANDVIK INTELLECTUAL PROPERTY AB	17/08/2007	KOLKATA
59	271694	4028/KOLNP/2008	13/04/2007	17/04/2006	REFRIGERATOR	LG ELECTRONICS, INC.	27/02/2009	KOLKATA
60	271695	588/KOLNP/2008	18/08/2006	18/08/2005	SYSTEM AND METHOD FOR LIMITING AC INRUSH CURRENT	SIEMENS INDUSTRY, INC.	08/08/2008	KOLKATA
61	271698	3510/KOLNP/2007	24/03/2006	01/04/2005	TEMPERATURE PREDICTION SYSTEM AND METHOD	CARDINAL HEALTH 303, INC.	18/01/2008	KOLKATA
62	271706	3223/KOLNP/2009	31/03/2008	30/03/2007	METHOD AND APPARATUS FOR VERIFYING VALUE DOCUMENTS	GIESECKE & DEVRIENT GMBH	27/11/2009	KOLKATA
63	271708	2611/KOLNP/2008	15/11/2006	07/12/2005	MUSIC STRING AND INSTRUMENT COMPRISING SAID STRING	SANDVIK INTELLECTUAL PROPERTY AB	23/01/2009	KOLKATA
64	271713	4654/KOLNP/2008	18/05/2007	19/05/2006	MAGNETIC PROBE APPARATUS AND MEHTOD FOR PROVIDING A WIRELESS CONNECTION TO A DETECTION DEVICE	SCHWEITZER ENGINEERING LABORATORIES, INC.	13/03/2009	KOLKATA

65	271714	881/KOLNP/2009	17/08/2007	18/08/2006	VARIABLE- RESOLUTION PROCESSING OF FRAME-BASED DATA	DIGITAL RISE TECHNOLOGY CO., LTD.	22/05/2009	KOLKATA
66	271715	4551/KOLNP/2007	25/05/2006	25/05/2005	(S)-N- METHYLNALTREXON E, METHOD FOR ITS SYNTHESIS AND PHARMACEUTICAL COMPOSITIONS THEREOF	PROGENICS PHARMACEUTICALS , INC.	20/06/2008	KOLKATA
67	271716	1990/KOLNP/2007	31/10/2005	01/11/2004	METHODS AND COMPOSITIONS FOR REDUCING NEURODEGENERATIO N IN AMYOTROPHIC LATERAL SCLEROSIS	YOO, SEO HONG	10/08/2007	KOLKATA
68	271717	3807/KOLNP/2007	12/04/2006	11/04/2005	PURIFICATION OF PROTEINS WITH CATIONIC SURFACTANT	CREALTA PHARMACEUTICALS LLC	30/05/2008	KOLKATA
69	271718	3317/KOLNP/2006	18/04/2005	19/04/2004	PROCESS FOR OBTAINING OPTICALLY ACTIVE VICINAL DIOLS FROM MESO-EPOXIDES	CSIR	15/06/2007	KOLKATA
70	271719	4940/KOLNP/2008	06/06/2007	26/06/2006	COMMUNICATIONS NETWORK FOR DISTRIBUTED SENSING AND THERAPY IN BIOMEDICAL APPLICATIONS	MEDTRONIC, INC.	20/03/2009	KOLKATA
71	271720	121/KOLNP/2010	05/09/2008	13/09/2007	SELF-SUPPORTING OPTICAL FIBER SPOOL AND METHOD FOR THE PRODUCTION THEREOF	ATLAS ELEKTRONIK GMBH	30/04/2010	KOLKATA
72	271722	22/KOLNP/2010	25/06/2008	27/06/2007	FIBRE LASER HAVING SUPERIOR RESISTANCE TO REFLECTION LIGHT	FUJIKURA LTD.	23/04/2010	KOLKATA
73	271724	1561/KOLNP/2008	09/11/2006	11/11/2005	METHOD OF MANUFACTURING ELECTRIC RESISTANCE WELDING PIPES	JFE STEEL CORPORATION	09/01/2009	KOLKATA
74	271725	3131/KOLNP/2008	01/02/2007	03/02/2006	A VIBRATOR ARRANGEMENT FOR PRODUCING MATERIALS COLUMNS IN THE GROUND	WILHELM DEGEN,ALEXANDER DEGEN	06/02/2009	KOLKATA

75	271726	4858/KOLNP/2008	29/05/2007	02/06/2006	ANNULAR FLOW DUCT FOR A TURBOMACHINE THROUGH WHICH A MAIN FLOW CAN FLOW IN THE AXIAL DIRECTION	SIEMENS AKTIENGESELLSCH AFT	20/03/2009	KOLKATA
76	271727	978/KOLNP/2007	20/09/2005	21/09/2004	A METHOD TO REGULATE A WIND TURBINE WITH ROTOR	REPOWER SYSTEMS AG	13/07/2007	KOLKATA
77	271729	199/KOL/2006	09/03/2006		A REDUNDANT LIQUID FUEL SYSTEM FOR GAS TURBINE	BHARAT HEAVY ELECTRICALS LIMITED	21/09/2007	KOLKATA
78	271730	3717/KOLNP/2008	24/01/2007	16/03/2006	METHOD AND DEVICE FOR PRODUCING A CONTAINER	GAPLAST GMBH	20/02/2009	KOLKATA
79	271732	3402/KOLNP/2009	28/02/2008	02/03/2007	VACCINE COMPOSITION COMPRISING IMMUNOGENIC POLYPEPTIDES	GLAXOSMITHKLINE BIOLOGICALS S.A.	02/07/2010	KOLKATA
80	271734	1165/KOLNP/2008	19/02/2004	19/02/2003	STORAGE TYPE WATER HEATER AND METHOD OF CONTROLLING THE SAME	STATE INDUSTRIES INC.	26/12/2008	KOLKATA
81	271737	1051/KOLNP/2008	26/07/2006	11/10/2005	A METHOD FOR THE PREPARATION OF AN ANALLERGIC PROBIOTIC BACTERIAL CULTURE	Anidral S.R.L.	17/04/2009	KOLKATA
82	271738	1806/KOL/2008	23/10/2008	26/10/2007	METHOD AND APPARATUS TO CONTROL LOGIC VALVES FOR HYDRAULIC FLOW CONTROL IN AN ELECTRO- MECHANICAL TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS LLC,DAIMLER AG,CHRYSLER LLC,BAYERISCHE MOTOREN WERKE AKTIENGESELLSCH AFT	08/05/2009	KOLKATA
83	271744	5199/KOLNP/2008	18/05/2007	20/05/2006	METHOD AND DEVICE FOR STERILIZING BOTTLES OR SIMILAR CONTAINERS	KHS GMBH	27/03/2009	KOLKATA
84	271745	1527/KOL/2008	04/09/2008	27/12/2007	A SYSTEM AND METHOD FOR ESTIMATING VOLUMETRIC EFFICIENCY FOR ENGINES	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	26/06/2009	KOLKATA

85	271746	867/KOL/2006	28/08/2006	29/08/2005	A COTTON PLANT CONDITIONER FOR ENHANCING THE REMOVAL OF COTTON FIBERS AND SEED FROM COTTON BOLLS ON COTTON PLANTS BY A HARVESTING UNIT AND A METHOD OF CONDITIONING THE COTTON PLANT	DEERE & COMPANY	29/06/2007	KOLKATA
86	271749	1848/KOL/2008	30/10/2008	01/11/2007	A POST-OXYGEN PERFORMANCE DIAGNOSIS SYSTEM AND METHOD TO RESTRICT EXHAUST EMISSION IN A VEHICLE	GM GLOBAL TECHNOLOGY OPERATIONS,INC	05/06/2009	KOLKATA
87	271750	3047/KOLNP/2007	19/10/2005	11/02/2005	LID FOR A DRINK CONTAINER FOR RECEIVING AN INFUSION DRINK	HALSSEN & LYON GMBH	30/11/2007	KOLKATA
88	271752	4655/KOLNP/2008	15/03/2007	23/05/2006	METHOD FOR BRAKING ELECTRICALLY DRIVEN VEHICLES BASED ON SYSTEM STATE WITH OPERATING VARIABLES OF THE VEHICLE	SIEMENS AKTIENGESELLSCHAF T	13/03/2009	KOLKATA
89	271757	1580/KOLNP/2008	27/09/2006	02/11/2005	ABSORBENT ARTICLE	UNI-CHARM CORPORATION	09/01/2009	KOLKATA
90	271759	3500/KOLNP/2007	16/03/2006	16/03/2005	A SYSTEM FOR EFFECTING A TELEPHONE CALL OVER A COMPUTER NETWORK WITHOUT ALPHANUMERIC KEYPAD OPERATION	VONAGE NETWORKS LLC	18/01/2008	KOLKATA
91	271760	1610/KOLNP/2008	15/11/2006	15/11/2005	ELECTRICAL SWITCHGEAR	AREVA ENERGIETECHNIK GMBH	30/01/2009	KOLKATA
92	271762	1799/KOLNP/2008	10/11/2006	14/11/2005	CARRIER TRACKING FOR AM IN-BAND ON CHANNEL RADIO RECEIVERS	IBIQUITY DIGITAL CORPORATION	09/01/2009	KOLKATA
93	271763	4103/KOLNP/2008	04/04/2007	14/04/2006	COMBINATION BALANCE	KAWANISHI, SHOZO	13/03/2009	KOLKATA
94	271768	58/KOLNP/2007	10/06/2005	10/06/2004	FLEXIBLE BONE COMPOSITE	SYNTHES (USA)	29/06/2007	KOLKATA
95	271774	3146/KOLNP/2008	26/01/2007	31/01/2006	SYSTEM AND METHOD FOR SELECTIVELY STIMULATING DIFFERENT BODY PARTS	ETHICON, INC.	13/02/2009	KOLKATA
96	271780	2753/KOLNP/2010	18/02/2009	19/02/2008	METHOD FOR UPLINK TRANSMISSION IN OFDM(A) SYSTEM	LG ELECTRONICS INC	01/10/2010	KOLKATA

### **CONTINUED TO PART- 2**

#### CONTINUED FROM PART- 1

### **INTRODUCTION**

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

### THE DESIGNS ACT 2000 SECTION 30 DESIGN ASSIGNMENT

The Design stands in the name of OLYMPUS MEDICAL SYSTEMS CORP. registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
22010	24.00	OI VI KDVIG
232018	24-99	OLYMPUS
232019	24-99	CORPORATION, A
244854	24-02	JAPANESE COMPANY
244853	24-02	OF 43-2, HATAGAYA 2-
234087	24-01	CHOME SHIBUYA-KU,
232020	24-99	TOKYO, JAPAN
236035	24-01	
238770	24-01	
240188	14-03	
240187	14-03	
234357	14-01	

### **COPYRIGHT PUBLICATION**

SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	202819	17.02.2016
2.	202943	02.11.2015
3.	202944	02.11.2015
4.	203370	08.02.2016
5.	203393	17.02.2016
6.	203679	18.02.2016
7.	203690	18.02.2016
8.	203691	18.02.2016
9.	203763	18.02.2016
10.	203764	08.02.2016
11.	203797	17.02.2016
12.	203798	17.02.2016
13.	203847	18.02.2016
14.	203848	17.02.2016
15.	203891	08.02.2016
16.	203945	08.02.2016
17.	204155	18.02.2016
18.	204513	08.02.2016
19.	204514	08.02.2016
20.	204620	04.02.2016
21.	205291	04.02.2016
22.	205292	04.02.2016
23.	205440	08.02.2016
24.	206108	04.02.2016
25.	207296	08.02.2016
26.	207531	08.02.2016
27.	202288	03.02.2016

#### **REGISTRATION OF DESIGNS**

The following designs have been registered. They are now open for public inspection. In the following each entry the Date of Registration is shown. The Priority Number, Priority Date and Priority Country are also shown

			T
DESIGN NUMBER		264686	
CLASS		09-03	
1)DINESH JAIN, PROPRIET ADDRESS AT NO. 1, BHAWANI NIKETA (RAJASTHAN) AND BY NATI	N SCHEME, JHO	ΓWARA INDUSTRIAL AREA, JAIPUF	
DATE OF REGISTRATION		11/08/2014	
TITLE		CONTAINER	
PRIORITY NA			
DESIGN NUMBER		265500	
CLASS		09-09	
COMPLEX, BARI BRAHMNA PROPRIETORSHIP FIRM WHOSE PARTNERS ARE:- NATIONALS OF THE ABOVE			
DATE OF REGISTRATION		08/09/2014	
TITLE		DUSTBIN	
PRIORITY NA			
DESIGN NUMBER		274700	
CLASS		15-05	1022
KOREA OF	NGDEUNGPO - G	NCORPORATED IN REPUBLIC OF U, SEOUL, 150 - 721, KOREA;	
DATE OF REGISTRATION		21/08/2015	
TITLE	DC	OR FOR WASHING MACHINE	
PRIORITY PRIORITY NUMBER 30-2015-0011081	DATE 04/03/2015	COUNTRY REPUBLIC OF KOREA	

DESIGN NUMBER	268787
CLASS	06-01

## 1)M/S. URBAN LADDER HOME DECOR SOLUTIONS PRIVATE LIMITED HAVING PLACE OF BUSINESS AT

CROPEXIUM, #83, LRDE LAYOUT, KARTHIK NAGAR, MARATHAHALLI, BANGALORE-560037, KARNATAKA, AND NATIONALITY OF INDIAN COMPANY

DATE OF REGISTRATION	12/01/2015
TITLE	SOFA



#### PRIORITY NA

DESIGN NUMBER	276877
CLASS	07-02

# 1)TTK PRESTIGE LIMITED, AN INDIAN COMPANY, INCORPORATED UNDER THE COMPANIES ACT 1956, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT

11TH FLOOR, BRIGADE TOWERS, 135 BRIGADE ROAD, BANGALORE-560025, STATE OF KARNATAKA, INDIA

DATE OF REGISTRATION	23/10/2015
TITLE	COOKING PAN
DDIODITY NA	



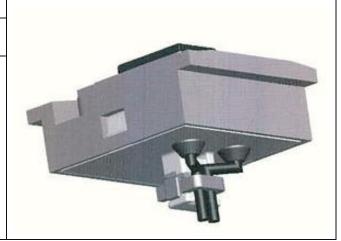
#### PRIORITY NA

DESIGN NUMBER	271395
CLASS	12-16

# 1)MINDARIKA PRIVATE LIMITED, AN INDIAN COMPANY OF

VILL. NAWADA FATEPUR, P.O. SIKANDERPUR BADDA, MANESAR, DISTT. GURGAON, HARYANA-122004, INDIA

DATE OF REGISTRATION	15/04/2015
TITLE	DOOR SWITCH ASSEMBLY FOR VEHICLE



#### PRIORITY NA

DESIGN NUMBER	264201
CLASS	21-01

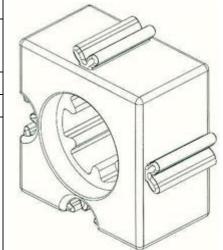
## 1)CHISWICK INNOVATIONS LIMITED, A COMPANY INCORPORATED IN THE UNITED KINGDOM OF

7 CHESTERFIELD ROAD, LONDON, W4 3HG, UNITED KINGDOM

DATE OF REGISTRATION	23/07/2014
TITLE	TOY ASSEMBLY BLOCK



PRIORITY NUMBER	DATE	COUNTRY
001404180	25/02/2014	OHIM



DESIGN NUMBER	268533
CLASS	09-01

#### 1)M/S. CREATIVE PLASTOPACK,

501, EMBASSY CENTRE, NARIMAN POINT, MUMBAI 400021, INDIA,

NATIONALITY: INDIAN

DATE OF REGISTRATION	31/12/2014
TITLE	JAR



#### PRIORITY NA

DESIGN NUMBER	276432
CLASS	13-01

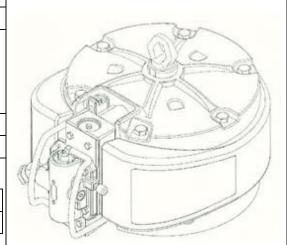
# 1)GRACO MINNESOTA INC. A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF UNITED STATES, HAVING ITS OFFICE

AT 88 11TH AVENUE NE, MINNEAPOLIS, MINNESOTA 55440-1441, UNITED STATES OF AMERICA

DATE OF REGISTRATION	07/10/2015
TITLE	AIR MOTOR

### PRIORITY

- 1	- 141 0 141 1		
	PRIORITY NUMBER	DATE	COUNTRY
	29/523,905	15/04/2015	U.S.A.



DESIGN NUMBER	263998
CLASS	24-02

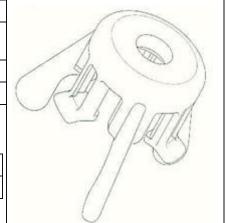
#### 1)KARL STORZ ENDOSCOPY-AMERICA, INC.,

2151 E, GRAND AVENUE, EI SEGUNDO, CALIFORNIA 90245-5017, USA

DATE OF REGISTRATION	14/07/2014
TITLE	WINGED ROTARY WHEEL

#### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
29/481,510	06/02/2014	U.S.A.



DESIGN NUMBER	270874
CLASS	15-09

## 1)SUSHIL SUBHASH NAHAK AN INDIAN NATIONAL WHOSE ADDRESS IS

SWAMI VIVEKANAND ARCADE, A WING, 2ND FLOOR, ROOM NO. 204, NEAR VISHAL COMPLEX, CHAKKINAKA, KALYAN (EAST)-421306 MAHARASHTRA, INDIA

DATE OF REGISTRATION	01/04/2015
TITLE	CASTING MACHINE
DDIODIES/ NA	



#### PRIORITY NA

DESIGN NUMBER	268930
CLASS	12-16

## 1)HINO MOTORS, LTD., A COMPANY ORGANIZED UNDER THE LAWS OF JAPAN, OF

3-1-1, HINODAI, HINO-SHI, TOKYO 191-8660, JAPAN

DATE OF REGISTRATION	19/01/2015
TITLE	TRUCK CABIN

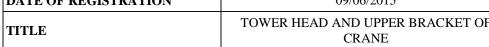
#### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
2014-016245	25/07/2014	JAPAN



DESIGN NUMBER	272636	
CLASS	12-05	
1)ACTION CONSTRUCTION EQUIPMENT LTD., OF DHUDHOLLA LINK ROAD, VILLAGE DHUDHOLLA, PALWAL, HARYANA- 121102, INDIA, AN INDIAN COMPANY		

121102, INDIA, AN INDIAN COMI ANT	
DATE OF REGISTRATION 09/06/2015	
	TOWER HEAD AND UPPER BRACKET OF





#### PRIORITY NA

DESIGN NUMBER	274784
CLASS	03-01

#### 1)MANJUSHA SIVANTHA PERUMAL PILLAI, SOLE PROPRIETOR, TRADING AS AANDAL TRADERS AT

97, PILLAYAR KOIL STREET, VADASERY, NAGERCOIL-629001, KANYAKUMARI DISTRICT, TAMIL NADU

DATE OF REGISTRATION	24/08/2015
TITLE	BOXES FOR TWO WHEELERS
DDIODIEN NA	_



#### PRIORITY NA

DESIGN NUMBER	276212
CLASS	31-00

#### 1)PREETHI KITCHEN APPLIANCES PRIVATE LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE PROVISIONS OF THE **COMPANIES ACT, 1956,**

OF TECHNOPOLIS KNOWLEDGE PARK, MAHAKALI CAVES ROAD, CHAKALA, ANDHERI-EAST, MUMBAI-400093, INDIA

DATE OF REGISTRATION	01/10/2015
TITLE	JAR OF A MIXER GRINDER



#### PRIORITY NA

DESIGN NUMBER	276881	
CLASS	12-15	
1)M/S. JK TYRE & INDUSTRIES LIN OF 7, COUNCIL HOUSE STREET, K COMPANY	MITED, OLKATA-700001, INDIA, AN INDIAN	
DATE OF REGISTRATION	23/10/2015	
TITLE	TYRE	
PRIORITY NA		
DESIGN NUMBER	266382	
CLASS	23-04	7
	PANESE COMPANY OF THE ADDRESS: NAKAZAKI-NISHI 2-CHOME, KITA-KU, 01/10/2014	
TITLE	AIR CONDITIONER	
PRIORITY NA		
DESIGN NUMBER	267671	
CLASS	08-06	
1)ITALIK METALWARE PVT. LTD. KALAWAD ROAD, METODA, RAJKO A PRIVATE LIMITED COMPANY IN COMPANIES ACT., ABOVE ADDRESS	OT-360003, STATE OF GUJARAT INDIA, /	
DATE OF REGISTRATION	25/11/2014	
TITLE	HANDLE	
TITLE	HANDLE	

DESIGN NUMBER	276752
CLASS	08-06

# 1)DIPAKBHAI BHIKHABHAI KHUNT (ADULT & INDIAN NATIONAL) HAVING PLACE OF BUSINESS

AT-6/A, PARSANA SOCIETY, 50, FEET ROAD, SHREENATHJI PAN, RAJKOT-360002-GUJARAT-(INDIA)

DATE OF REGISTRATION	19/10/2015
TITLE	HANDLE



#### PRIORITY NA

DESIGN NUMBER	267204
CLASS	08-06

# 1)VITTORIA DESIGNS PVT. LTD. (A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956) HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS:

2, MANINAGAR, NEAR ASHOK GARDEN, MAVDI PLOT, RAJKOT, GUJARAT-INDIA

DATE OF REGISTRATION	05/11/2014
TITLE	HANDLE



#### PRIORITY NA

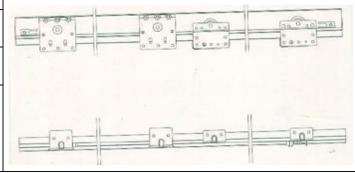
DESIGN NUMBER	252224
CLASS	08-09

# 1)EBCO PVT. LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT

402-3, HYDE PARK, SAKI VIHAR ROAD, MUMBAI-400072, MAHARASHTRA, INDIA.

DATE OF REGISTRATION	08/03/2013
TITLE	FITTINGS FOR SLIDING SHUTTER FURNITURE (SET)

#### PRIORITY NA



DESIGN NUMBER	275584
CLASS	10-07

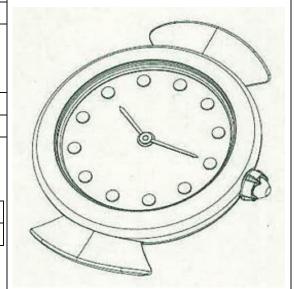
1)BULGARI HORLOGERIE SA, A COMPANY DULY ORGANIZED AND EXISTING UNDER THE LAWS OF SWITZERLAND, OF THE ADDRESS

RUE DE MONRUZ 34, 2000 NEUCHATEL, SWITZERLAND

DATE OF REGISTRATION	14/09/2015
TITLE	WATCH CASE WITH DIAL



PRIORITY NUMBER	DATE	COUNTRY
879743901	17/03/2015	WIPO



DESIGN NUMBER	276018	
CLASS	23-01	
1)JAQUAR & COMPANY PRIVATE LIMITED, AN INDIAN COMPANY, OF SP-53, RIICO INDUSTRIAL AREA, BHIWADI-301019, RAJASTHAN, INDIA		
DATE OF REGISTRATION	24/09/2015	
TITLE	FAUCET SET	



#### PRIORITY NA

DESIGN NUMBER	275905
CLASS	15-01

#### 1)MR. MOHAMMAD YUSUF NIZAMUDDIN,

304/SHIV GANESH KRUPA, M.P. ROAD, MULUND(E), MUMBAI-400081, MAHARASHTRA STATE, INDIA **2)MR.** 

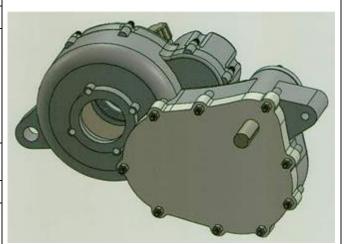
#### **DIPESH MAHIPAL JAIN**

3)MR. AJINKYA VIJAY DHOPAOKAR

4)MR. PRANAY PANDURANG GAWAS

5)MR. VINAYKUMAR SHYAMNARAYAN JAISWAR

DATE OF REGISTRATION	19/09/2015
TITLE	GEARBOX CASING
PRIORITY NA	

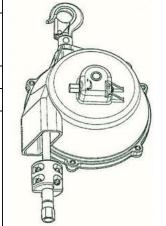


DESIGN NUMBER	276972
CLASS	15-99

#### 1)ENDO KOGYO CO., LTD.

OF THE ADDRESS: 14-7, AKIBA-CHO 3-CHOME, TSUBAME-SHI, NIIGATA-KEN, JAPAN NATIONALITY-JAPANESE

DATE OF REGISTRATION	27/10/2015
TITLE	AIR TOOL BALANCER



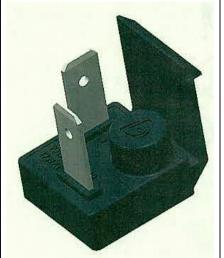
#### PRIORITY NA

DESIGN NUMBER	275540
CLASS	12-16

### 1)DHOOT TRANSMISSION PRIVATE LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT

GUT NO. 102, (PLANT II), FAROLA, PAITHAN ROAD, AURANGABAD-431102, MAHARASHTRA, INDIA.

DATE OF REGISTRATION	11/09/2015
TITLE	WINKER CONTROLLER FOR AUTOMOTIVE



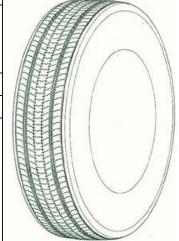
#### PRIORITY NA

DESIGN NUMBER 275865	
<b>CLASS</b> 12-15	

#### 1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, A FRENCH COMPANY OF 12 COURS SABLON, FR-63000, CLERMONT-FERRAND, FRANCE, AND MICHELIN RECHERCHE ET TECHNIQUE S.A., A SWISS COMPANY OF

AND MICHELIN RECHERCHE ET TECHNIQUE S.A., A SWISS COMPANY OF ROUTE LOUIS- BRAILLE 10, CH-1763 GRANGES-PACCOT, SWITZERLAND

DATE OF REGISTRATION	18/09/2015
TITLE	TIRE TREAD



#### PRIORITY

PRIORITY NUMBER	DATE	COUNTRY	
29/525,391	29/04/2015	U.S.A.	

DESIGN NUMBER	276012
CLASS	23-01

### 1)JAQUAR & COMPANY PRIVATE LIMITED, AN INDIAN COMPANY,

OF SP-53, RIICO INDUSTRIAL AREA, BHIWADI-301019, RAJASTHAN, INDIA

DATE OF REGISTRATION	24/09/2015
TITLE	FAUCET



#### PRIORITY NA

DESIGN NUMBER	276959
CLASS	12-08

# 1)DEVAM ELECTRIC VEHICLES PVT. LTD. INDIAN COMPANY, REGISTERED UNDER THE PROVISIONS OF COMPANIES ACT, 1956, HAVING REGISTERED OFFICE IS

101, 1ST FLOOR, GIRIRAJ COMPLEX, 10, SARDAR PATEL COLONY, STADIUM ROAD, AHMEDABAD-380014, GUJARAT

DATE OF REGISTRATION	26/10/2015
TITLE	ELECTRIC RICKSHAW



#### PRIORITY NA

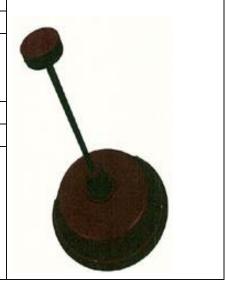
DESIGN NUMBER	265256
CLASS	26-05

### 1)WIPRO ENTERPRISES LIMITED, A COMPANY REGISTERED UNDER THE COMPANIES ACT 1956 HAVING ITS REGISTERED OFFICE AT

#134, DODDAKANNELLI, SARJAPUR ROAD, BANGALORE-560035,

NATIONALITY: INDIAN

DATE OF REGISTRATION	28/08/2014
TITLE	LIGHTING FIXTURE



 DESIGN NUMBER
 276441

 CLASS
 07-07

1)SEARS INDUSTRIES A PARTNERSHIP FIRM REGISTERED UNDER THE INDIAN PARTNERSHIP ACT, 1932, HAVING ITS REGISTERED OFFICE AT

3, VAKIL INDUSTRIAL ESTATE, 1ST FLOOR, WALBHAT ROAD, GOREGAON (EAST), MUMBAI-400063, MAHARASHTRA, INDIA

DATE OF REGISTRATION	07/10/2015
TITLE	BASKET

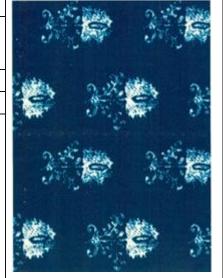


#### PRIORITY NA

DESIGN NUMBER	275794
CLASS	05-05

1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030

DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC



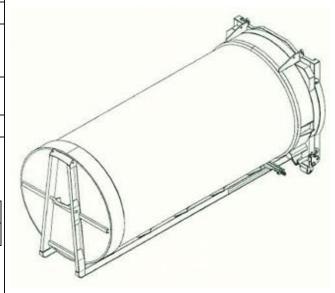
#### PRIORITY NA

DESIGN NUMBER	275976	
CLASS 09-09		
1)HYVA MECHANICS (CHINA) CO. LTD. OF NO. 9 HYVA ROAD, GUANGLING INDUSTRIAL PARK, YANGZHOU JIANGSU PROVINCE 225006, CHINA		
DATE OF	23/09/2015	

DATE OF REGISTRATION	23/09/2015
TITLE	GARBAGE CONTAINER

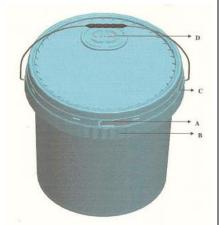
#### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
002665463	23/03/2015	OHIM



DESIGN NUMBER		276952				
CLASS		23-03				
1)BAJAJ ELECTRICALS IN INDIA, HAVING ITS RE 45/47, VEER NARIMAN I MAHARASHTRA, INDIA, O	<b>GISTER</b> I ROAD, M	E <b>D OFFICE AT,</b> UMBAI 400001, STA				
DATE OF REGISTRATION		26/10/2015				
TITLE		ROOM HEATER				
PRIORITY NA						
DESIGN NUMBER			271633			
CLASS			06-06			
1)STAGE ELECTRICS PA ORGANIZED AND EXISTI HAVING ITS ADDRESS AT	NG UNDI			GDOM		
THIRD WAY, AVONMO	UTH, BRI	STOL BS11 9YL, UN	ITED KINGD	OOM		
THIRD WAY, AVONMO		•	TTED KINGD 3/04/2015	OOM	$\dashv$	
THIRD WAY, AVONMODATE OF REGISTRATION TITLE		2		OOM		
THIRD WAY, AVONMOR  DATE OF REGISTRATION  TITLE		2	3/04/2015			e e
THIRD WAY, AVONMORDATE OF REGISTRATION TITLE  PRIORITY PRIORITY NUMBER  002563585-0001		DATE	3/04/2015 ECTERNS			
THIRD WAY, AVONMODATE OF REGISTRATION TITLE  PRIORITY PRIORITY NUMBER		DATE	COUNT OHIM			••
THIRD WAY, AVONMORD DATE OF REGISTRATION TITLE  PRIORITY PRIORITY NUMBER 002563585-0001  DESIGN NUMBER	RE. (AN I D. ANAN NAKA, BO A. SEALS IN	DATE 24/10/2014  NDIAN NATIONAL DROA PAWAR HIGORIVALI (WEST), M	264806 08-07 0102/1ST FLO	OOR , RAM 10092, STATI		e e e
THIRD WAY, AVONMORD DATE OF REGISTRATION TITLE  PRIORITY  PRIORITY NUMBER  002563585-0001  DESIGN NUMBER  CLASS  1)SURESH MARUTI MORUTKARSH CO.OP.HSG.LT MANDIR ROAD, VAZIRA I OF MAHARASHTRA, INDIPROPRIETOR OF PACK	RE. (AN I D. ANAN NAKA, BO A. SEALS IN	DATE  24/10/2014  NDIAN NATIONAL DROA PAWAR HIGORIVALI (WEST), MEDUSTRIES. AN IND	264806 08-07 0102/1ST FLO	OOR , RAM 10092, STATI		

DESIGN NUMBER	264341
CLASS	09-03
1)HITECH PLAST LTD., NATIONALITY-AN INDIAN COMPANY, ADDRESS-HITECH PLAST LTD., TECHNOLOGY CENTER, 30/9, D-2 BLOCK, MIDC, CHINCHWAD, PUNE-411019	
DATE OF REGISTRATION 30/07/2014	
TITLE	CONTAINER

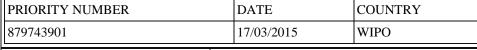


#### PRIORITY NA

DESIGN NUMBER	275583
CLASS	10-07
1)DIT CADI HODI OCEDIE CA	A COMPANY DITLY ODC ANTZED AND

## 1)BULGARI HORLOGERIE SA, A COMPANY DULY ORGANIZED AND EXISTING UNDER THE LAWS OF SWITZERLAND, OF THE ADDRESS RUE DE MONRUZ 34, 2000 NEUCHATEL, SWITZERLAND

DATE OF REGISTRATION	14/09/2015
TITLE	WATCH CASE
PRIORITY	



DESIGN NUMBER	275899
CLASS	09-03

### 1)NIRMAL C. RATHOD, AN INDIAN NATIONAL,

2/13, UNNAT NAGAR NO. 2, OPP. NEW INDIA CO-OP. BANK LTD., M.G. ROAD, GOREGAON (W), MUMBAI-400062, MAHARASHTRA, INDIA

DATE OF REGISTRATION	21/09/2015
TITLE	CONTAINER

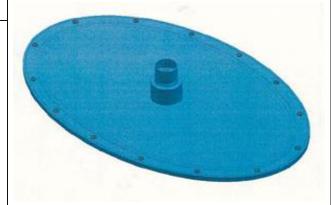


DESIGN NUMBER	276015
CLASS	23-02

### 1)JAQUAR & COMPANY PRIVATE LIMITED, AN INDIAN COMPANY.

OF SP-53, RIICO INDUSTRIAL AREA, BHIWADI-301019, RAJASTHAN, INDIA

DATE OF REGISTRATION	24/09/2015
TITLE	SHOWER HEAD

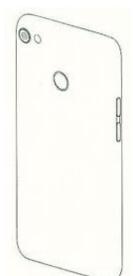


#### PRIORITY NA

DESIGN NUMBER	276463
CLASS	14-03

# 1)LG ELECTRONICS INC. A COMPANY EXISTING AND ORGANIZED UNDER THE LAWS OF REPUBLIC OF KOREA HAVING ITS REGISTERD OFFICE AT 128, YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL, 150-721, KOREA

DATE OF REGISTRATION	08/10/2015
TITLE	MOBILE PHONE



#### PRIORITY

- 1			í	
	PRIORITY NUMBER	DATE	COUNTRY	
	30-2015-0017984	08/04/2015	REPUBLIC OF KOREA	

DESIGN NUMBER	276969
CLASS	12-11

#### 1)RIDE-WELL COMPONENTS,

PLOT NO. 1267, ST. NO. 12/8, DASHMESH NAGAR, GILL ROAD, LUDHIANA-141003 (PB.) INDIA AN INDIAN PROPRIETORSHIP FIRM WHOSE PARTNERS ARE:- ADITYA MAHAJAN AND ABHINAV MAHAJAN BEING INDIAN NATIONAL OF THE ABOVE ADDRESS

DATE OF REGISTRATION	27/10/2015
TITLE	BACK MUDGUARD OF BICYCLE
PRIORITY NA	

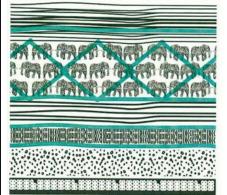


DESIGN NUMBER	272261
CLASS	05-05

#### 1)AND DESIGNS INDIA LIMITED, (INDIAN COMPANY REGISTERED UNDER THE COMPANIES ACT, 1956) HAVING THEIR REGISTERED OFFICE

AT PLOT NO. R 847/1/1, TTC INDUSTRIAL AREA, MIDC, RABALE, NAVI MUMBAI-400701, STATE OF MAHARASHTRA, INDIA (INDIAN NATIONALS) OF ABOVE ADDRESS

DATE OF REGISTRATION	21/05/2015
TITLE	TEXTILE FABRICS



#### PRIORITY NA

DESIGN NUMBER	264206
CLASS	21-01
1)CHISWICK INNOVATIONS LIMITED, A COMPANY INCORPORATED IN	

### 1)CHISWICK INNOVATIONS LIMITED, A COMPANY INCORPORATED IN THE UNITED KINGDOM OF

7 CHESTERFIELD ROAD, LONDON, W4 3HG, UNITED KINGDOM

DATE OF REGISTRATION	23/07/2014
TITLE	TOY ASSEMBLY BLOCK



ı	KIONI I		
	PRIORITY NUMBER	DATE	COUNTRY
	001404180	25/02/2014	OHIM



DESIGN NUMBER	275971
CLASS	09-04

## 1)VIMLA UMERSHI SHAH, AN INDIVIDUAL, INDIAN NATIONAL, SOLE PROPRIETOR OF DOLFIN PLASTIC INDUSTRIES WHOSE ADDRESS IS

B-25, NANDBUVAN INDL. ESTATE, MAHAKALI CAVES ROAD, ANDHERI (EAST), MUMBAI-400093, MAHARASHTRA, INDIA

DATE OF REGISTRATION	23/09/2015	
TITLE	LID FOR CRATES	





DESIGN NUMBER	2	276440	
CLASS	07-01		THE REAL PROPERTY.
1)SEARS INDUSTRIES A PARTN INDIAN PARTNERSHIP ACT, 193: 3, VAKIL INDUSTRIAL ESTATE (EAST), MUMBAI-400063, MAHAR			
DATE OF REGISTRATION	07	//10/2015	
TITLE	(	GLASS	
PRIORITY NA			
DESIGN NUMBER	2	269008	
CLASS		10-04	
1)MICRO MOTION, INC., A COL USA OF 7070 WINCHESTER CIRCLE, BO OF AMERICA			
DATE OF REGISTRATION	21	/01/2015	000
TITLE	HOUSING FOR ELECTRONICS USED WITH METERING DEVICES		( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
29/503,620	29/09/2014	U.S.A.	
DESIGN NUMBER	264906		
CLASS	06-10		
1)(1) HITESHBHAI VITHALBHA SARDHARA AND (3) KIRANBEN V NATIONAL PARTNERS OF M/S. M PARTNERSHIP FIRM, HAVING IT 2, RADHAKRISHAN NAGAR, V IND. GONDAL ROAD, RAJKOT, GU	VINODBHAI SARDHA MAX INTERIOR PROI IS PRINCIPLE PLACE IKRAM SARABHAI MA JJARAT-INDIA.	RA., ALL INDIAN DUCT, AN INDIAN E OF BUSINESS AT, ARG, NEAR MANSATA	
DATE OF REGISTRATION	20/08/2014 CURTAIN BLIND		
TITLE	CURI	AIN DLIND	
PRIORITY NA			

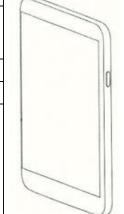
DESIGN NUMBER	2	72836	
CLASS	15-02		
1)SIEMENS AKTIENGESELLSO OF WITTELSBACHERPLATZ 2	CHAFT, A GERMAN ( , 80333 MÜNCHEN, GI	C <b>OMPANY</b> ERMANY	
DATE OF REGISTRATION	18/	/06/2015	
TITLE	CONCENTRIC SI	HOVELD MANIFOLD	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001427991	09/01/2015	OHIM	
DESIGN NUMBER		265648	
CLASS		14-03	
1)MICROSOFT MOBILE OY, A LAWS OF FINLAND OF THE AD KEILARANTA 7, 02150 ESPOO	DRESS	GANIZED UNDER THE	
DATE OF REGISTRATION	1	12/09/2014	
TITLE	MO	BILE PHONE	
PRIORITY PRIORITY NUMBER DATE COUNTRY			
29/484858	13/03/2014 U.S.A.		
DESIGN NUMBER	MBER 275594		
CLASS	07-02		
1)PREETHI KITCHEN APPLIA COMPANY INCORPORATED UN ACT, 1956, OF TECHNOPOLIS KNOWLEDGE ANDHERI-EAST, MUMBAI-400093	DER THE PROVISIO PARK, MAHAKALI CA	NS OF THE COMPANIES	
DATE OF REGISTRATION	14/09/2015		
TITLE	LEGS FOR COOKING STOVES		
PRIORITY NA			

DESIGN NUMBER	276468
CLASS	14-03

1)LG ELECTRONICS INC. A COMPANY EXISTING AND ORGANIZED UNDER THE LAWS OF REPUBLIC OF KOREA HAVING ITS REGISTERD OFFICE AT

128, YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL, 150-721, KOREA

DATE OF REGISTRATION	08/10/2015	
TITLE	MOBILE PHONE	



#### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
30-2015-0017989	08/04/2015	REPUBLIC OF KOREA

DESIGN NUMBER	276165
CLASS	12-16

1)SUZUKI MOTOR CORPORATION, A JAPANESE CORPORATION OF 300 TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-PREF., JAPAN

DATE OF REGISTRATION	30/09/2015	
TITLE	INSTRUMENT PANEL FOR AUTOMOBILES	



#### **PRIORITY**

	PRIORITY NUMBER	DATE	COUNTRY	
	2015-008916	20/04/2015	JAPAN	

DESIGN NUMBER	277002	
CLASS	07-01	

1)PEARL THERMOPLAST PVT. LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT,

AT PLOT NO. 22, S. NO.820(1), DEWAN & SONS UDYOG NAGAR, CHINTUPADA, PALGHAR(W), THANE-401401, MAHARASHTRA, INDIA

DATE OF REGISTRATION	28/10/2015
TITLE	WATER JUG



DESIGN NUMBER	276665
CLASS	23-01

1)SAMSUNG ELECTRONICS CO., LTD., A KOREAN COMPANY, OF 129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742

REPUBLIC OF KOREA

DATE OF REGISTRATION	15/10/2015	
TITLE	WATER TANK OF DEHUMIDIFIER	
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
30-2015-0023497	08/05/2015	KOREA(SOUTH)



DESIGN NUMBER	271677
CLASS	25-99

1)NARINDER PAL,

OLD DANA MANDI, PHAGWARA-144401, DISTT. KAPURTHALA (PUNJAB) INDIA BEING INDIAN NATIONALS OF THE ABOVE ADDRESS

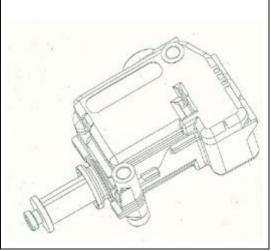
DATE OF REGISTRATION	24/04/2015
TITLE	BAR SPACER



#### PRIORITY NA

DESIGN NUMBER	271389
CLASS	12-16
1)HELLA INDIA AUTOMOTIVE PRIVATE LIMITED, OF 6TH FLOOR, PLATINUM TOWERS, UDYOG VIHAR, PHASE-I, GURGAON, HARYANA, INDIA	

DATE OF REGISTRATION	15/04/2015
TITLE	ACTUATOR FOR LOCKING APPLICATIONS IN VEHICLES



DESIGN NUMBER	268487
CLASS	23-03

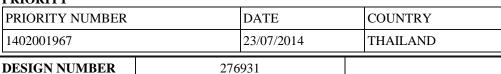
1)MR. DHITI TOWIWAT A NATIONAL OF THAILAND, OF THE ADDRESS: 163/71, PHAHONYOTHIN 32, KHWAENG LAT YAO, KHET CHATUCHAK,

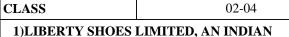
BANGKOK, THAILAND

DATE OF REGISTRATION	30/12/2014
TITLE	HEAT EXCHANGER

PRIORITY

П	11101111		
	PRIORITY NUMBER	DATE	COUNTRY
	1402001967	23/07/2014	THAILAND

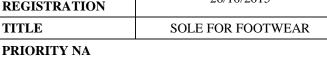




COMPANY, OF

LIBERTY PURAM, 13TH MILESTONE, GT KARNAL ROAD, KUTAIL, DT-KARNAL - 132001, HARYANA, **INDIA** 

DATE OF REGISTRATION	26/10/2015	
TITLE	SOLE FOR FOOTWEAR	



DESIGN NUMBER	276607
CLASS	06-11

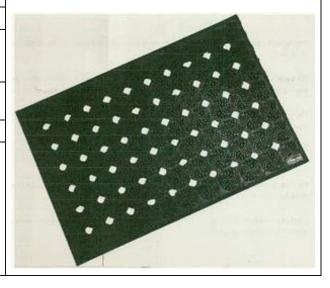
1)SH. JAGMOHAN SHARMA,

HOUSE NO. 49, VIVEKANAND PURI, SARAI ROHILLA, DELHI-7, INDIAN

DATE OF REGISTRATION	13/10/2015
TITLE	DOORMAT





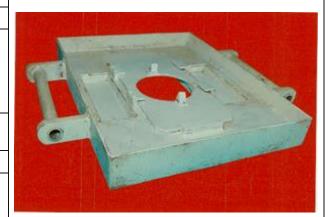


DESIGN NUMBER	270872		
CLASS	15-09		

### 1)SUSHIL SUBHASH NAHAK AN INDIAN NATIONAL WHOSE ADDRESS IS

SWAMI VIVEKANAND ARCADE, A WING, 2ND FLOOR, ROOM NO. 204, NEAR VISHAL COMPLEX, CHAKKINAKA, KALYAN (EAST)-421306 MAHARASHTRA, INDIA

DATE OF REGISTRATION	01/04/2015
TITLE	CASTING MACHINE



#### PRIORITY NA

DESIGN NUMBER	268929		
CLASS	12-16		
1)HINO MOTORS LTD. A COMPANY ORGANIZED UNDER THE LAWS OF			

### 1)HINO MOTORS, LTD., A COMPANY ORGANIZED UNDER THE LAWS OF JAPAN, OF

3-1-1, HINODAI, HINO-SHI, TOKYO 191-8660, JAPAN

DATE OF REGISTRATION	19/01/2015		
TITLE	TRUCK CABIN		



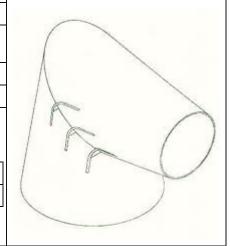
#### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
2014-016248	25/07/2014	JAPAN

DESIGN NUMBER	272835		
CLASS	15-02		

#### 1)SIEMENS AKTIENGESELLSCHAFT, A GERMAN COMPANY OF WITTELSBACHERPLATZ 2, 80333 MÜNCHEN, GERMANY

DATE OF REGISTRATION	18/06/2015		
TITLE	CONCENTRIC SHOVELD MANIFOLD		



#### PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
001427991	09/01/2015	OHIM

28 SHENNAN RO 12/09/20 MOBILE PL	ENZHEN, A A, NATIONALITY: DAD, FUTIAN 014	
28 SHENNAN RO 12/09/20 MOBILE P	A, NATIONALITY: DAD, FUTIAN 014	
MOBILE P		
3	PHONE	
	COUNTRY	
2014	CHINA	
	CHIVA	# O 6
27615	51	
23-04	4	
IDIAN NATIONA IMEDNAGAR-41		
30/09/20	015	
COOLE	ER	
276467		
14-03	3	
	ORGANIZED UNDER FERD OFFICE AT 21, KOREA	
08/10/20	015	
MOBILE P		
	OF KOREA	
	COUNTRY REPUBLIC O	COUNTRY REPUBLIC OF KOREA

DESIGN NUMBER		276988			
CLASS		15-05			
1)LG ELECTRONICS IN 128, YEOUI-DAERO, Y KOREA A CORPORATION REPUBLIC OF KOREA	EONGDEUN	,	OUL 150 - 7	*	244
DATE OF REGISTRATIO	N		27/10/2015		
TITLE		PREWASHING SINK FOR WASHING MACHINE			
PRIORITY		_			
PRIORITY NUMBER	DATE	COUN	NTRY		
30-2015-0029967	15/06/2	2015 REPU	BLIC OF I	KOREA	
DESIGN NUMBER			265655	5	
CLASS			02-02		
U.S.A.  DATE OF REGISTRATIO		UITE 600, SHERMAN OAKS, CALIFORNIA 91411,  12/09/2014			
TITLE		GARMENT		NT	
PRIORITY		D 1 777	T,	NOV D VIII D V	
		DATE		COUNTRY	
29/496,530   14/07/2014		l	J.S.A.		
DESIGN NUMBER		266482			
CLASS		15-99			
1)VERMEER MANUFAC ORGANIZED AND EXIST AMERICA OF 1210 VERMEER ROAD AMERICA	ING UNDE	R THE LAWS C	OF UNITE	D STATES OF	
DATE OF REGISTRATIO	N	08/10/2014		14	
TITLE		MOUNTING BLOCK FOR REDUCING ELEMENTS			
PRIORITY	•				
PRIORITY NUMBER		DATE COUNTRY		COUNTRY	
29/487.835		11/04/2014 U.S.A.		J.S.A.	

DESIGN NUMBER	275621	
CLASS	06-01	
1)PRIMA PLASTICS LTD., A COMPANY INCORPORATED UNDER		

THE INDIAN COMPANIES ACT,

AT 41 NATIONAL HOUSE, SAKI - VIHAR ROAD, POWAI, ANDHERI (E), MUMBAI - 400072

DATE OF REGISTRATION	15/09/2015	
TITLE	CHAIR	



#### PRIORITY NA

DESIGN NUMBER	277022
CLASS	12-15

#### 1)M/S. JK TYRE & INDUSTRIES LIMITED,

OF 7, COUNCIL HOUSE STREET, KOLKATA-700001, INDIA, AN INDIAN COMPANY.

DATE OF REGISTRATION	28/10/2015	
TITLE	TYRE	



#### PRIORITY NA

DESIGN NUMBER	251192
CLASS	13-03

#### 1) EMERSON ELECTRIC CO., A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF MISSOURI,

8000, WEST FLORISSANT, ST. LOUIS, MISSOURI 63136, UNITED STATES OF **AMERICA** 

DATE OF REGISTRATION		24/01/2013		
TITLE		HERMETIC T	ERMINAL	
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
29/429570		14/08/2012	U.S.A.	



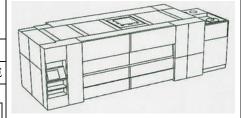
DESIGN NUMBER			266	471	
CLASS		23-04		-04	
1) <b>DAIKIN INDUSTRIES LTD.,</b> UMEDA CENTER BUILDING, OSAKA-SHI, OSAKA-FU, JAPAN					
DATE OF REGISTRATION			08/10	/2014	
TITLE		AIR	CONI	DITIONER	
PRIORITY					
PRIORITY NUMBER		DATE		COUNTRY	
2014-012314		06/06/2014		JAPAN	
DESIGN NUMBER		27	7010		,
CLASS		24	4-01		
WHOSE POST-OFFICE ADDRI EINDHOVEN, THE NETHERLANI	ESS 1	IS HIGH TECH CA			
DATE OF REGISTRATION			0/201		
TITLE	CU	CUSHION FOR MASK FOR CPAP THERAPY		R CPAP THERAPY	
PRIORITY PRIORITY NUMBER		DATE	00	NINTEN	
		DATE COUNTRY			
002704551-0002	<u> </u>	21/05/2015 OHIM		HIM	
DESIGN NUMBER			276	677	
CLASS			05	-05	STATE OF THE PERSON NAMED OF
1)SIDDHI VINAYAK KNOTS & UNDER THE PROVISION OF CO REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC,	OMP	ANIES ACT, 1956	HAV	YING ITS	RED
DATE OF REGISTRATION		15/10/2015		/2015	<b>《美国李利里·邓</b> 克·马尔·
TITLE		TEXTILE FABRIC		E FABRIC	
PRIORITY NA					

DESIGN NUMBER	271875
CLASS	15-09

#### 1)TRUMPF GMBH + CO. KG,

OF JOHANN-MAUS-STRAßE 2, D-71254 DITZINGEN, GERMANY, A GERMAN COMPANY

DATE OF REGISTRATION 05/05/2015		05/05/2015
TITLE	HOUSING FOR	R A LASER CUTTING MACHINE
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
002574715	10/11/2014	1 OHIM



DESIGN NUMBER	264415	
CLASS	03-01	

### 1)HYBRID SKILLZ INC.,

PO BOX 127, NEW YORK, NY 10028, USA, NATIONALITY-USA

DATE OF REGISTRATION	01/08/2014
TITLE	PROTECTIVE COVER FOR MOBILE DEVICES



#### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
29/481,255	03/02/2014	U.S.A.

DESIGN NUMBER	275116	
CLASS	23-04	

#### 1)HAVELLS INDIA LIMITED

1, RAJ NARAIN MARG, CIVIL LINES, DELHI 110054

DATE OF REGISTRATION	01/09/2015
TITLE	COOLER



DESIGN NUMBER	275691
CLASS	26-05

### 1)M/S GM MODULAR PVT. LTD., (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT),

14/15, BOKADIA IND. ESTATE, SATIVALI ROAD, VASAI (EAST)-401208, DISTRICT-THANE, MAHARASHTRA (INDIA)

DATE OF REGISTRATION	17/09/2015
TITLE	NIGHT LAMP



#### PRIORITY NA

DESIGN NUMBER	252063
CLASS	15-05

### 1)VIDEOCON INDUSTRIES LIMITED. A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT

14 KMS. STONE, AURANGABAD-PAITHAN ROAD, CHITEGAON, TQ.PAITHAN, DIST. AURANGABAD-431105, MAHARASHTRA, INDIA

DATE OF REGISTRATION	05/03/2013
TITLE	WASHING MACHINE



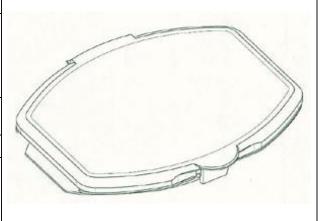
#### PRIORITY NA

DESIGN NUMBER	266392
CLASS	09-07

# 1)NICE-PAK PRODUCTS, INC., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF UNITED STATES OF AMERICA, OF

TWO NICE-PAK PARK, ORANGEBURG, NY 10962-1376, UNITED STATES OF AMERICA

DATE OF REGISTRATION	01/10/2014		
TITLE		CLOSURE FOR	A PACKAGE
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
29/488,120		16/04/2014	U.S.A.



DESIGN NUMBER	276345
CLASS	05-05

#### 1)R. D. DYEING & PRINTING MILLS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

PLOT NO. 365, ROAD NO. 3, G.I.D.C., SACHIN DIST: SURAT-394230, GUJARAT

DATE OF REGISTRATION	06/10/2015
TITLE	TEXTILE FABRIC



#### PRIORITY NA

DESIGN NUMBER	267677
CLASS	11-01
1)RISHI VERMA: AN INDIAN NATIONAL WHOSE ADDRESS IS	

6352/2, ALEXANDRA ROAD, AMBALA CANTT-133001, HARYANA, INDIA

DATE OF REGISTRATION	25/11/2014
TITLE	JEWELLERY SET



#### PRIORITY NA

**INDIA** 

DESIGN NUMBER	276755	
CLASS	02-04	
1)MR. BASTIN JOSEPH (INDIAN) RESIDING AT:		
SY. NO. 118/1, (JANAR NO. 12I), EMERALD ENCLAVE,		
ANAGAHALLI VILLAGE, BEHIND INFOSYS, BELAGOLA		
POST, MANDYA (DIST), PIN-571606, KARNATAKA,		

DATE OF 19/10/2015 REGISTRATION TITLE **FOOTWEAR** PRIORITY NA



DESIGN NUMBER	262652	
CLASS	12-08	

#### 1) CHONGQING CHANGAN AUTOMOBILE CO., LTD., A COMPANY EXISTING UNDER THE LAWS OF CHINA,

NO. 260 JIANXIN DONGLU, JIANGBEI DISTRICT, CHONGQING, 400023 P.R. CHINA

DATE OF REGISTRATION	16/05/2014			
TITLE	CAR			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		

TITLE	CAR		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
201430101608.4	23/04/2014	CHINA	
DECICN MUMBED	271261		



	DESIGN NUMBER	2/1301
	CLASS	13-02
1) CIT IZ A M DOTTIED CITICIPE		IC I ID

#### 1)SU-KAM POWER SYSTEMS LTD.

OF 306, KIRTI DEEP BUILDING, NANGAL RAYA, NEW DELHI-110046, INDIA, AN INDIAN COMPANY

DATE OF REGISTRATION	13/04/2015	
TITLE	UPS	



#### PRIORITY NA

DESIGN NUMBER	273644
CLASS	12-11

#### 1)BAJAJ AUTO LIMITED, AN INDIAN COMPANY, INCORPORATED UNDER THE COMPANIES ACT OF 1956, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT

NEW 2ND & 3RD FLOOR, KHIVRAJ BUILDING, NO. 616, ANNASALAI, CHENNAI - 600006, STATE OF TAMIL NADU, INDIA, AND REGISTERED OFFICE AT AKURDI, PUNE-411035, STATE OF MAHARASHTRA, INDIA

DATE OF REGISTRATION	17/07/2015
TITLE	MOTORCYCLE



DESIGN NUMBER	276909	
CLASS	09-01	
1)MADICO I IMITED AN INDIAN COMPANY		

1)MARICO LIMITED, AN INDIAN COMPANY,

OF GRANDE PALLADIUM, 7TH FLOOR, KALINA, SANTACRUZ (E), MUMBAI 400098 (INDIA)

DATE OF REGISTRATION	23/10/2015
TITLE	JAR



#### PRIORITY NA

DESIGN NUMBER	272599
CLASS	09-03

#### 1)THE HERSHEY COMPANY, A US COMPANY,

OF 100 CRYSTAL A DRIVE, HERSHEY, PENNSYLVANIA, UNITED STATES OF AMERICA

DATE OF REGISTRATION	05/06/2015	
TITLE	TRAY FOR A CONTAINER	
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
29/511,191	08/12/2014	U.S.A.

	_		
		>	
H	And		_
9			

DESIGN NUMBER	266663
CLASS	02-02

#### 1)RAMSON EXPORTS (INDIA)

808, STREET NO. 2, SHANKER LANE, GURU VIHAR, RAHON ROAD, LUDHIANA-141007 (PUNJAB) INDIA.

DATE OF REGISTRATION	10/10/2014
TITLE	BABY DRESS



DESIGN NUMBER	275622
CLASS	06-01

### 1)PRIMA PLASTICS LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT,

AT 41 NATIONAL HOUSE, SAKI - VIHAR ROAD, POWAI, ANDHERI (E), MUMBAI - 400072

DATE OF REGISTRATION	15/09/2015
TITLE	CHAIR



#### PRIORITY NA

DESIGN NUMBER	266534
CLASS	02-02
1) CIDDIH VINAVAV ZNOTO 2. DDINTC DVT. I TD. A COMDANY DECICTEDED	

## 1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26 CENTRAL PARK, GIDC, PANDESARA, SURAT- 394221 GUJARAT.

DATE OF REGISTRATION	09/10/2014
TITLE	SAREE



#### PRIORITY NA

DESIGN NUMBER	276477
CLASS	12-08

#### 1)M/S. KIRTI SOLAR LIMITED, AN INDIAN COMPANY,

OF 10A, MIDDLETON ROW, 2ND FLOOR, KOLKATA-700071, WEST BENGAL, INDIA

DATE OF REGISTRATION	08/10/2015
TITLE	ELECTRIC RICKSHAW



DESIGN NUMBER	277047
CLASS	02-04

#### 1)GOLITE INDUSTRIES,

77, MIE, BAHADURGARH, PART-A, HARYANA-124507, INDIA (AN INDIAN PARTNERSHIP FIRM WHOSE PARTNERS ARE:-SUKRIT DUGGAL, AYUSH DUGGAL, RAMESH DUGGAL & INDU DUGGAL, AN INDIAN NATIONAL OF THE ABOVE ADDRESS

DATE OF REGISTRATION	29/10/2015
TITLE	FOOTWEAR

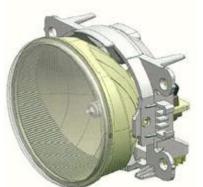


#### PRIORITY NA

DESIGN NUMBER	276482
CLASS	26-06
1)MINDA INDUSTRIES LTD. (LIGHTING DIVISION), AN INDIAN COMPANY OF	

34-35, K.M. G.T. ROAD, VILL. SONIPAT, HARYANA-131029, INDIA

DATE OF REGISTRATION	08/10/2015
TITLE	FRONT FOG LAMP FOR A FOUR WHEELED VEHICLE



#### PRIORITY NA

DESIGN NUMBER	234709
CLASS	11-01
1)CASA DAMIANI S.P.A. OF PIAZZA DAMIANO GRASSI "DAMIANI", 1, 15048 VALENZA (AL) ITALY,	

AN ITALIAN CORPORATION

DATE OF REGISTRATION

23/02/2011

TITLE

JEWELLERY

PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
001745936	23/08/2010	OHIM



DESIGN NUMBER	264685
CLASS	09-03

## 1)DINESH JAIN, PROPRIETOR OF AGRO PACKAGING HAVING ITS ADDRESS AT

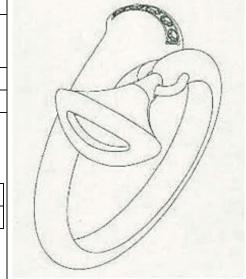
NO. 1, BHAWANI NIKETAN SCHEME, JHOTWARA INDUSTRIAL AREA, JAIPUR (RAJASTHAN) AND BY NATIONALITY INDIAN

DATE OF REGISTRATION	11/08/2014
TITLE	CONTAINER



#### PRIORITY NA

DESIGN NUMBER	276866
CLASS 11-01	
1)BULGARI S.P.A., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF ITALY, OF THE ADDRESS LUNGOTEVERE MARZIO, 11, I-00186 ROME, ITALY	



#### **PRIORITY**

h	PRIORITY NUMBER	DATE	COUNTRY
ļ	888450801	23/04/2015	WIPO

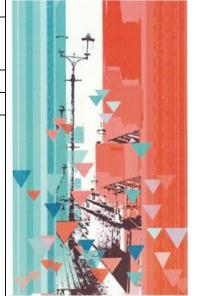
DESIGN NUMBER		2652	66
CLASS	15-99		
1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH, OF CARL-WERY - STR.34, 81739, MUNICH, GERMANY, A GERMAN COMPANY			
DATE OF REGISTRATION	TE OF REGISTRATION 28/08/2014		2014
TITLE	CONTROL FOR HOUSEHOLD APPLIANCES		
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
001407670		21/03/2014	OHIM



DESIGN NUMBER	275797
CLASS	05-05

1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030

DATE OF REGISTRATION	18/09/2015	
TITLE	TEXTILE FABRIC	



#### PRIORITY NA

DESIGN NUMBER	276009
CLASS	23-02

### 1)JAQUAR & COMPANY PRIVATE LIMITED, AN INDIAN COMPANY,

OF SP-53, RIICO INDUSTRIAL AREA, BHIWADI-301019, RAJASTHAN, INDIA

DATE OF REGISTRATION	24/09/2015	
TITLE	SHOWER HEAD	



#### PRIORITY NA

DESIGN NUMBER	276442
CLASS	07-01

1)M/S. SEARS INDUSTRIES A PARTNERSHIP FIRM REGISTERED UNDER THE INDIAN PARTNERSHIP ACT, 1932, HAVING ITS REGISTERED OFFICE AT 3, VAKIL INDUSTRIAL ESTATE, 1ST FLOOR, WALBHAT ROAD, GOREGAON (EAST), MUMBAI-400063, MAHARASHTRA, INDIA

DATE OF REGISTRATION	07/10/2015	
TITLE	GLASS	



DESIGN NUMBER	271640
CLASS	13-03

## 1)GENERAL ELECTRIC COMPANY, AN ORGANIZATION REGISTERED UNDER THE LAWS OF UNITED STATES OF AMERICA, AND HAVING ITS OFFICE AT

1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, UNITED STATES OF AMERICA

DATE OF REGISTRATION	23/04/2015	
TITLE	BUSBAR	

#### **PRIORITY**

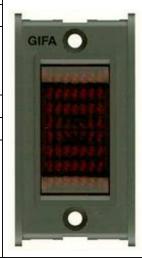
PRIORITY NUMBER	DATE	COUNTRY
29/508,562	07/11/2014	U.S.A.

DESIGN NUMBER 264598	264598
CLASS 13-03	13-03

## 1)GOLD MEDAL ELECTRICALS PVT. LTD. A COMPANY REGISTERED UNDER COMPANY ACT 1956 OF,

22/23 SHUBH BUILDING, SAGAR MANTHAN INDUSTRIAL COMPLEX, BHOIDAPADA, VASAI (E), THANE - 401208, MAHARASHTRA, INDIA

DATE OF REGISTRATION	08/08/2014	
TITLE	INDICATOR FOR LIGHT	



#### PRIORITY NA

DESIGN NUMBER	275143
CLASS	23-04
4) ***	

#### 1)HAVELLS INDIA LIMITED

1, RAJ NARAIN MARG, CIVIL LINES, DELHI 110054

1, ICE TO HELD TO HELD TO THE ENTER THE STATE OF THE STAT	
DATE OF REGISTRATION	01/09/2015
TITLE	COOLER

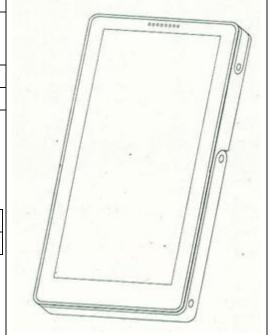


PRIORITY NA			
TITLE	CUP		E 9. 37 25
DATE OF REGISTRATION		0/2015	
1)MR. RAJESH ASRANI (INDIV BUILDING NO. 8/B, FLAT NO. HOUSING SOCIETY LTD., MUME	132, SEVA SAMITI CO SAI-400037, MAHARASI	-OPERATIVE HTRA, INDIA	
CLASS	07	7-01	
DESIGN NUMBER	270	6704	
2015-012836	09/06/2015	JAPAN	
PRIORITY NUMBER	DATE	COUNTRY	
PRIORITY			
TITLE		NTROLLER FOR AIR NDITIONER	
DATE OF REGISTRATION	0	09/10/2015	
1) <b>DAIKIN INDUSTRIES LTD.,</b> UMEDA CENTER BUILDING, OSAKA-SHI, OSAKA-FU, JAPAN			
CLASS		14-03	
DESIGN NUMBER		276522	
002674804-0001	02/04/2015	ОНІМ	~
PRIORITY NUMBER	DATE	COUNTRY	
PRIORITY			
TITLE	SOA	AP BAR	
DATE OF REGISTRATION	17/0	09/2015	
1)UNILEVER PLC, A COMPAN UNDER COMPANY NO. 41424 O UNILEVER HOUSE, 100 VICTO UNITED KINGDOM	F		
CLASS	2	28-02	
DESIGN NUMBER	2	75706	

DESIGN NUMBER	269235
CLASS	13-99

1)SUNCULTURE SOLAR INC., A DELAWARE CORPORATION OF
240 MOUNTAIN VIEW AVENUE, MOUNTAIN VIEW, CA 94041, UNITED
STATES OF AMERICA

DATE OF REGISTRATION	02/02/2015	
TITLE	SOLAR PANEL	



#### PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/498,088	31/07/2014	U.S.A.

DESIGN NUMBER	276435
CLASS	14-02
A	

#### 1)FUJITSU FRONTECH LIMITED,

OF 1776, YANOKUCHI, INAGI-SHI, TOKYO 206-8555 JAPAN, A JAPANESE COMPANY.

DATE OF REGISTRATION	07/10/2015
TITLE	DATA INPUT MACHINE



#### PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2015-008705	16/04/2015	JAPAN

DESIGN NUMBER	276613
CLASS	08-05
1)ARTI PRADUMAN ASHER, INDIAN NATIONAL, OF 106-B DHANRAJ INDUSTRIAL ESTATES, SITARAM JADHAV MARG, LOWER PAREL, MUMBAI-400013, MAHARASHTRA, INDIA	
DATE OF	

DATE OF REGISTRATION	13/10/2015	
TITLE	SOLDERING IRON	
PRIORITY NA		



DESIGN NUMBER	264065
CLASS	15-05

1)DAENYX INTERNATIONAL PVT. LTD., A-30 & 31, HOSIERY COMPLEX, PHASE-II, EXTN., NOIDA-201305 (UP),

WHOSE DIRECTOR IS MR. SARABJEET SINGH, INDIAN NATIONAL OF ABOVE ADDRESS

DATE OF REGISTRATION	16/07/2014	
TITLE	WASHING MACHINE	

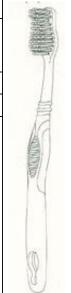


#### PRIORITY NA

DESIGN NUMBER	275078
CLASS	04-02

1)COLGATE-PALMOLIVE COMPANY, A DELAWARE CORPORATION, 300 PARK AVENUE, NEW YORK, NEW YORK 10022, UNITED STATES OF AMERICA

DATE OF REGISTRATION	31/08/2015
TITLE	ORAL CARE IMPLEMENT



#### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
201530076635.5	27/03/2015	CHINA

DESIGN NUMBER	275688
CLASS	26-05
1)M/C CM MODIU AD DV/C I TD	(A COMPANY INCORPORATED LINDER

1)M/S GM MODULAR PVT. LTD., (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT),

14/15, BOKADIA IND. ESTATE, SATIVALI ROAD, VASAI (EAST)-401208, DISTRICT-THANE, MAHARASHTRA (INDIA)

DATE OF REGISTRATION	17/09/2015
TITLE	NIGHT LAMP



DESIGN NUMBER	276483	
CLASS	26-06	
1)MINDA INDUSTRIES LTD. (LIGHTING DIVISION), AN INDIAN COMPANY OF 34-35, K.M. G.T. ROAD, VILL. SONIPAT, HARYANA-131029, INDIA		
DATE OF REGISTRATION	08/10/2015	
TITLE	FRONT FOG LAMP FOR A FOUR WHEELED VEHICLE	



PRIORITY NA			
DESIGN NUMBER		264665	
CLASS		07-02	~
1)DART INDUSTRIES INC., A CO OF THE U.S.A. HAVING ITS REGI 14901 S. ORANGE BLOSSOM TR	STERED OFFICE AT		
DATE OF REGISTRATION	11	1/08/2014	
TITLE	COVER FOR A MI	CROWAVE CONTAINER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/485,561	20/03/2014	U.S.A.	
DESIGN NUMBER	:	266113	
CLASS	22-01		
1)MAGPUL INDUSTRIES CORPO 400 YOUNG COURT, UNIT 1 ER AMERICA A COLORADO CORPOR	IE, COLORADO 80516	UNITED STATES OF	
DATE OF REGISTRATION	26	5/09/2014	
TITLE	FIREARM STOCK		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/486,193	27/03/2014	U.S.A.	

				<u></u>
DESIGN NUMBER		276527		-
CLASS		03-01		
1)SAMSONITE IP HOLDINGS LIABILITY COMPANY OF 13-15 AVENUE DE LA LIBER				
DATE OF REGISTRATION		09/10	0/2015	
TITLE		LUG	GAGE	
PRIORITY PRIORITY NUMBER 002684860-0001	DATE COUNTRY 20/04/2015 OHIM			
DESIGN NUMBER		270	5856	
CLASS		14	l-03	
1)LG ELECTRONICS INC. A COMPANY EXISTING AND ORGANIZED UNDER THE LAWS OF REPUBLIC OF KOREA HAVING ITS REGISTERD OFFICE AT 128, YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL, 150-721, KOREA				
DATE OF REGISTRATION	DATE OF REGISTRATION 21/10/2015		0/2015	_
TITLE		MOBILI	E PHONE	
PRIORITY PRIORITY NUMBER DATE COUNTRY 30-2015-0020783 23/04/2015 REPUBLIC OF KOREA				
DESIGN NUMBER		263	3474	
CLASS		09-01		
1)AMRUT DISTILLERIES LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT 41/1, 72ND CROSS, RAJAJI NAGAR, 6TH BLOCK, BENGALURU-560010, KARNATAKA, INDIA				
DATE OF REGISTRATION	TION 18/06/2014			
TITLE	TLE BOTTLE			
PRIORITY NA				

DESIGN NUMBER	274579
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	17/08/2015
TITLE	TEXTILE FABRIC



#### PRIORITY NA

DESIGN NUMBER	275690
CLASS	26-05
1)M/S CM MODIII AR PVT I TD	(A COMPANY INCORPORATED LINDER

1)M/S GM MODULAR PVT. LTD., (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT),

14/15, BOKADIA IND. ESTATE, SATIVALI ROAD, VASAI (EAST)-401208, DISTRICT-THANE, MAHARASHTRA (INDIA)

DATE OF REGISTRATION	17/09/2015
TITLE	NIGHT LAMP



#### PRIORITY NA

275099		
23-04		
1)HAVELLS INDIA LIMITED 1, RAJ NARAIN MARG, CIVIL LINES, DELHI 110054		
O1/09/2015		
COOLER		

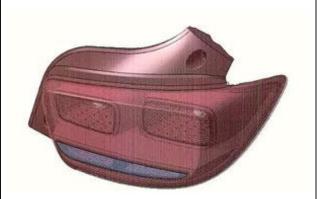


DESIGN NUMBER	276484
CLASS	26-06

### 1)MINDA INDUSTRIES LTD. (LIGHTING DIVISION), AN INDIAN COMPANY OF

34-35, K.M. G.T. ROAD, VILL. SONIPAT, HARYANA-131029, INDIA

DATE OF REGISTRATION	08/10/2015
TITLE	TAIL LAMP FOR VEHICLE



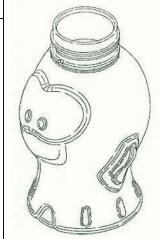
#### PRIORITY NA

DESIGN NUMBER	264664	
CLASS	09-01	

### 1)DART INDUSTRIES INC., A COMPANY INCORPORATED UNDER THE LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT

14901 S. ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837, U.S.A.

DATE OF REGISTRATION	11/08/2014
TITLE	BOTTLE



#### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
29/485,559	20/03/2014	U.S.A.

DESIGN NUMBER	264571
CLASS	09-01

#### 1)BHARAT PRODUCTS LIMITED,

E-17 & 18, DSIDC, INDUSTRIAL COMPLEX NANGLOI, NEW DELHI-110041, INDIA, NATIONALITY-INDIA

DATE OF REGISTRATION	07/08/2014
TITLE	BOTTLE

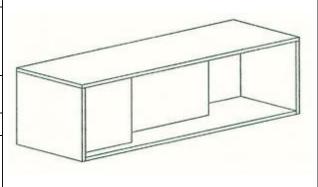


DESIGN NUMBER	265981
CLASS	06-04

### 1)STEELCASE INC., A CORPORATION INCORPORATED IN THE STATE OF MICHIGAN U.S.A.,

OF 901 44TH STREET, S.E., GRAND RAPIDS, MICHIGAN 49508 USA

DATE OF REGISTRATION	24	24/09/2014	
TITLE	STO	STORAGE BIN	
PRIORITY	•		
PRIORITY NUMBER	DATE	COUNTRY	
29/498,109	31/07/2014	U.S.A.	



DESIGN NUMBER	276524
CLASS	23-04

### 1)DAIKIN INDUSTRIES LTD., A JAPANESE COMPANY OF THE ADDRESS:

UMEDA CENTER BUILDING, 4-12 NAKAZAKI-NISHI 2-CHOME, KITAKU, OSAKA-SHI, OSAKA-FU, JAPAN

DATE OF REGISTRATION	09/10/2015	
TITLE	PANEL OF AIR CONDITIONER	

#### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
201530120817.8	29/04/2015	CHINA

DESIGN NUMBER	269598
CLASS	05-05

# 1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	13/02/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER	276377	
CLASS	10-02	
1)TURLEN HOLDING SA, A SWISS COMPANY, C/O SIPO S.A., CHEMIN DU CHÂTEAU 26A, 2805 SOYHIÈRES, SWITZERLAND		
DATE OF REGISTRATION	06/10/2015	

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PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
906524801	09/07/2015	WIPO

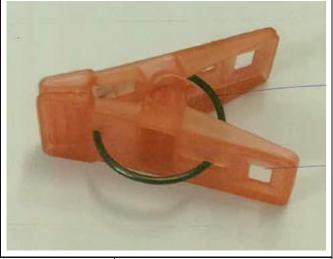
WRISTWATCH WITHOUT BRACELET

DESIGN NUMBER	263907
CLASS	07-06

1)SURENDRA KUMAR JAIN S/O. SH. CHANDAN MAL JAIN (NATIONALITY-INDIAN) AT-C/O. MICRO PLAST INDUSTRIES AT-

PLOT NO. E-5A, ROAD NO. 1, V.K.I AREA, JAIPUR-302013 (RAJ.) NATIONALITY-INDIAN

DATE OF REGISTRATION	07/07/2014
TITLE	CLOTH CLIP



#### PRIORITY NA

TITLE

DESIGN NUMBER	276530
CLASS	23-04

## 1)GODREJ & BOYCE MFG. CO. LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1913,

OF GODREJ INTERIO, PLANT 4, PIROJSHANAGAR, VIKHROLI (WEST), MUMBAI-400079, INDIA

DATE OF REGISTRATION	09/10/2015
TITLE	LABORATORY FUMEHOOD



DESIGN NUMBER	267595
CLASS	08-06

1)BHARATBHAI BHURABHAI DOMADIA AND KALPESHBHAI VELJIBHAI DOMADIA BOTH INDIAN NATIONAL PARTNERS OF APEX TECHNOCAST AN INDIAN PARTNERSHIP FIRM HAVING ITS PRINCIPAL PLACE OF BUSINESS AT

5, AJI VASAHAT, OPP. WESTERN MINERAL, 80 FEET ROAD, RAJKOT, GUJARAT-INDIA

DATE OF REGISTRATION	21/11/2014
TITLE	HANDLE



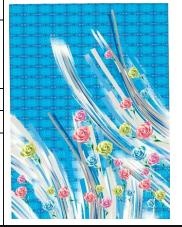
#### PRIORITY NA

DESIGN NUMBER	276710
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	16/10/2015
TITLE	TEXTILE FABRIC



#### PRIORITY NA

DESIGN NUMBER	277329	
CLASS	23-04	
1)"HAVELLS INDIA LIMITED" AN INDIAN NATIONAL COMPANY, HAVING		
REGISTERED OFFICE AT 1, RAJ NARAIN MARG, CIVIL LINES, DELHI 110054.		

DATE OF REGISTRATION 05/11/2015
TITLE CEILING FAN



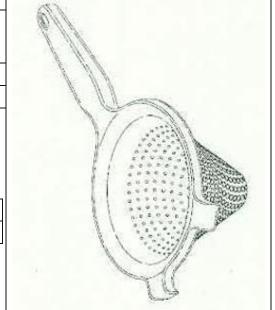


DESIGN NUMBER	264662
CLASS	07-04

1)DART INDUSTRIES INC., A COMPANY INCORPORATED UNDER THE LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT

14901 S. ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837, U.S.A.

DATE OF REGISTRATION	11/08/2014
TITLE	SIEVE WITH HANDLE



#### PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/485,265	18/03/2014	U.S.A.

DESIGN NUMBER	264428
CLASS	23-02

#### 1) HANSGROHE SE,

OF AUESTR. 5-9, D-77761 SCHILTACH, GERMANY, A GERMAN COMPANY

DATE OF REGISTRATION	01/08/2014	
TITLE	HEAD SHOWER	
PRIORITY		
PRIORITY		

PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
001403273-0002	14/02/2014	ОНІМ

DESIGN NUMBER	265819	
CLASS	06-07	

1)DOLLY GLASS OF 24A, RABINDRA SARANI, 3RD FLOOR, ROOM NO. 110, KOLKATA-700073, STATE OF WEST BENGAL, INDIA, AN INDIAN PARTNERSHIP FIRM WHOSE PARTNERS ARE

MR. JAYKUMAR RASIKLAL SHAH NAD JIGAR SATISH VASHA, INDIAN NATIONALS OF THE ABOVE ADDRESS

DATE OF REGISTRATION	17/09/2014
TITLE	MIRROR



DESIGN NUMBER	275146
CLASS	23-04
1)HAVELLS INDIA LIMITED 1, RAJ NARAIN MARG, CIVIL LINES, DELHI 110054	
DATE OF REGISTRATION	01/09/2015
TITLE	COOLER

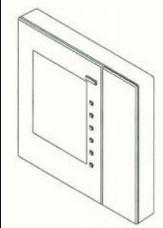


#### PRIORITY NA

DESIGN NUMBER	276523
CLASS	14-03
1)DAIKIN INDUSTRIES LTD., A JAPANESE COMPANY OF THE ADDRESS:	

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, JAPAN

DATE OF REGISTRATION	09/10/2015
TITLE	REMOTE CONTROLLER FOR AIR CONDITIONER



#### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
2015-012839	09/06/2015	JAPAN

DESIGN NUMBER	276356
CLASS	05-05

1)R. D. DYEING & PRINTING MILLS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

PLOT NO. 365, ROAD NO. 3, G.I.D.C., SACHIN DIST: SURAT-394230, GUJARAT

DATE OF REGISTRATION	06/10/2015
TITLE	TEXTILE FABRIC



CLASS	26-05
1)MODULEX INC., A JAPANESE COMPANY, OF 1-20-19 HORIKIRI KATSUSHIKA-KU, TOKYO, JAPAN	
DATE OF REGISTRATION 23/10/2015	
TITLE	A SPOTLIGHT

276906

#### **PRIORITY**

**DESIGN NUMBER** 

PRIORITY NUMBER	DATE	COUNTRY
2015-009365	24/04/2015	JAPAN

DESIGN NUMBER	268844
CLASS	13-02

#### 1)SU-KAM POWER SYSTEMS LTD. OF

306, KIRTI DEEP BUILDING, NANGAL RAYA, NEW DELHI-110046, INDIA, AN INDIAN COMPANY

DATE OF REGISTRATION	13/01/2015
TITLE	UNINTERRUPTED POWER SUPPLY (HOME UPS) WITH AUTOMATIC TEMPERATURE COMPENSATION (ATC)



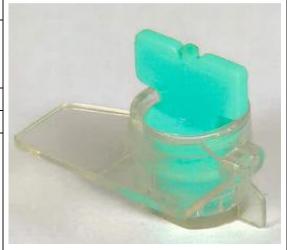
#### PRIORITY NA

DESIGN NUMBER	272464
CLASS	08-07

### 1)EQUES SEALS PRIVATE LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT

109, VIHAR ESTATE, OFF SAKI VIHAR, SAKI NAKA, ANDHERI (EAST), MUMBAI-400072, MAHARASHTRA, INDIA.

DATE OF REGISTRATION	02/06/2015
TITLE	SEAL



1)DAIKIN INDUSTRIES LTD., A UMEDA CENTER BUILDING, 4- OSAKA-SHI, OSAKA-FU, JAPAN DATE OF REGISTRATION TITLE	12 NAKAZAKI-NISHI		
1)DAIKIN INDUSTRIES LTD., A UMEDA CENTER BUILDING, 4- OSAKA-SHI, OSAKA-FU, JAPAN	-12 NAKAZAKI-NISHI	I 2-CHOME, KITA-KU,	
1)DAIKIN INDUSTRIES LTD., A UMEDA CENTER BUILDING, 4-			
CLASS	IADANESE COMPAN	NV OF THE ADDRESS.	
CLASS	23-04		
DESIGN NUMBER	266472		_
	,	,	
29/496,530	14/07/2014	U.S.A.	
PRIORITY NUMBER	DATE	COUNTRY	
PRIORITY	ı		
TITLE	GARMENT		
5990 SEPULVEDA BLVD., SUIT. U.S.A. DATE OF REGISTRATION	, 	KS, CALIFORNIA 91411, 	
1)CHEROKEE BRANDS LLC, A INCORPORATED IN THE STATE	OF DELAWARE, U.S	S.A., OF	
CLASS		02-02	
DESIGN NUMBER		265654	
PRIORITY NA			
TITLE	CIGA	ARETTE CASE	
DATE OF REGISTRATION	0	06/07/2015	
REGISTERED UNDER THE INDIA REGISTERED OFFICE AT DARJI 390022, INDIA, PRESENTLY POST PLOT NO. 17, 1304, 13TH FLOOR, V DELHI-110001, INDIA	PURA, POST AMALI TED IN NEW DELHI	ÝARÁ VADODARA - AT	
1)GOLDEN TOBACCO LIMITEI			
02.100		27-06	
CLASS		273383	

DESIGN NUMBER 275620	
<b>CLASS</b> 06-01	

### 1)PRIMA PLASTICS LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT,

AT 41 NATIONAL HOUSE, SAKI - VIHAR ROAD, POWAI, ANDHERI (E), MUMBAI - 400072

DATE OF REGISTRATION	15/09/2015
TITLE	CHAIR

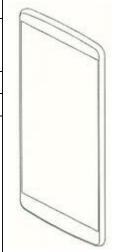


#### PRIORITY NA

DESIGN NUMBER	276472
CLASS	14-03
1) I C ELECTRONICS INC A COMPANY EXISTING AND ORGANIZED LINDER	

1)LG ELECTRONICS INC. A COMPANY EXISTING AND ORGANIZED UNDER THE LAWS OF REPUBLIC OF KOREA HAVING ITS REGISTERD OFFICE AT 128, YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL, 150-721, KOREA

DATE OF REGISTRATION	08/10/2015
TITLE	MOBILE PHONE



#### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
30-2015-0017993	08/04/2015	REPUBLIC OF KOREA

DESIGN NUMBER	277016	
CLASS	06-02	
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	28/10/2015	

DATE OF REGISTRATION	28/10/2015
TITLE	HEADBOARD FOR BED

