# पेटेंट कार्यालय शासकीय जर्नल

## OFFICIAL JOURNAL OF THE PATENT OFFICE

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### **पेटेंट कार्यालय का एक प्रकाशन** PUBLICATION OF THE PATENT OFFICE

### **INTRODUCTION**

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 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.

### (Rajiv Aggarwal) CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

10<sup>th</sup> APRIL, 2015

### **CONTENTS**

SUBJECT		PAGE NUMBER
JURISDICTION	:	30545 - 30546
SPECIAL NOTICE	:	30547 - 30548
EARLY PUBLICATION (DELHI)	:	30549
EARLY PUBLICATION (MUMBAI)	:	30550 - 30610
EARLY PUBLICATION (CHENNAI)	:	30611 - 30663
PUBLICATION AFTER 18 MONTHS (DELHI)	:	30664 - 31092
PUBLICATION AFTER 18 MONTHS (MUMBAI)		31093 - 31156
PUBLICATION AFTER 18 MONTHS (CHENNAI)	:	31157 – 31255
PUBLICATION AFTER 18 MONTHS (KOLKATA)	:	31256 - 31272
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (DELHI)	:	31273 - 31274
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (MUMBAI)	:	31275 - 31276
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (CHENNAI)	:	31277 - 31279
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (KOLKATA)		31280 - 31282
INTRODUCTION TO DESIGN PUBLICATION	:	31283
CANCELLATION PROCEEDINGS UNDER SECTION 19 OF THE DESIGNS ACT, 2000	:	31284
COPYRIGHT PUBLICATION	:	31285
REGISTRATION OF DESIGNS	:	31286 - 31339

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### KOLKATA, 10/04/2015

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www.patentoffice.nic.in

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

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

### पेटेंट कार्यालय

### कोलकाता, दिनांक 10/04/2015

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			🔹 आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा
			पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षदीप
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	एंटोप हिल डाकघर के समीप,		बौद्धिक संपदा भवन,
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	ई. मेल: Mumbai-patent@nic.in		फ़ैक्स:/Fax: (91)(33) 2367 1988
	🔹 गुजरात, महाराष्ट्र, मध्य प्रदेश, गोवा तथा छत्तीसगढ़		ई. मेल: kolkata-patent@nic.in
	राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव,		
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	प्लॉट सं. 32, सेक्टर- 14, द्वारका, नई दिल्ली- 110 075.		
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	फ़ैक्स: (91)(11) 2808 1920, 2808 1940		
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	क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़		

वेबसाइट: http://www.ipindia.nic.in

www.patentoffice.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2006 द्वारा वांछित सभी आवेदन, 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।

The Patent Office Journal 10/04/2015

### **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.

### (Rajiv Aggarwal) 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 there is no third party representation.

### **Early Publication:**

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(12) PATENT APPLICATION PUBLICATION	(21) Application No.326/DEL/2014 A
(19) INDIA	
(22) Date of filing of Application :04/02/2014	(43) Publication Date : 10/04/2015

### (54) Title of the invention : SYSTEM AND METHOD FOR MONITORING AND CONTROLING LOGISTICS AND ENVIRONMENT USING FULLY AUTOMATED M2M CLOUDS

(51) International classification	:G08G1/123, G01S19/09	(71)Name of Applicant : 1)MITRA, BISWARANJAN
(31) Priority Document No	:NA	Address of Applicant :FLAT 309, PLOT F-21A, MAHAGUN
(32) Priority Date	:NA	MAESTRO, SECTOR - 50, NOIDA - 201301 Uttar Pradesh India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MITRA, BISWARANJAN
Filing Date	:NA	2)BASIT, HESHSHAM F. ABBUL
(87) 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 Logistics and Environment unit, a Guard unit, a Pilot unit, a wind power generator, a base station, a TCC, and a MSTO for a transport. The LE unit is an electronic device which may include a radio module, a processor module. a messaging module, a data extraction module, an interface module, a sensor module, a plurality of power sources such as a battery and a wind or solar power generator, and an antenna. The LE unit may further include an MEMS accelerometer, an MEMS gyro, an environmental sensor, and a GSM module. The LE unit, once attached with any wagon in unit holder or outlet, will be activated immediately without any manual intervention. The LE unit may receive location information and environmental information from the nearest GSM base station and send the informations to the respective Clouds, through the wireless networks.

No. of Pages : 35 No. of Claims : 15

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

(43) Publication Date : 10/04/2015

## (54) Title of the invention : RAHURI PASTE: A PASTE TO CONTROL PLANT PATHOGENIC BACTERIAL INFECTION ON TWIGS AND TRUNK (OF POMEGRANATE PLANT).

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:A61K 36/58, A61K9/00 :NA	PATHOLOGY, MAHATMA PHULE KRISHI VIDYAPEETH,
(32) Priority Date	:NA	RAHURI-413722, DISTRICT-AHMEDNAGAR, (M.S.), INDIA
<ul><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:NA :NA	Maharashtra India (72) <b>Name of Inventor :</b>
Filing Date	:NA :NA	1)DR. BORKAR SURESH GOVINDRAO
(87) International Publication No	: NA	2)MISS. POKHAREL RUBINA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

Rahuri paste is a neem oil based paste formulation prepared at MPKV, Rahuri by Prof. S. G. Borkar and his student Rubina Pokharel. The paste is effective for the control of oily spot disease on twigs and trunks of Pomegranate caused by bacterium Xanthomonas axonopodis pv, Prunicae. The twigs/trunk infection of the bacterium is difficult to control with regular sprays of bactericides and therefore Rahuri paste appears to be only effective measure to control bacterial infection on twigs/trunks. To prepare Rahuri paste 5:6 proportion of neem oil and hydrated lime is used. In neem oil appropriate quantity of hydrated lime slurry is added slowly by stirring to obtain a golden colour paste. In this paste 0.2 percent captan and 0.1 percent Bactinashak is added and mixed thoroughly and stored in airtight container. The paste is of golden colour with smooth fine texture. The paste is used for application on deep wounds of bacterial infection on twigs and trunks. The thickness of the paste is adjusted with neem oil for painting on the infected portions of twigs/trunks. The wounds and infected portion get, completely healed by the paste and there was a sprouting of shoots on healed twigs/trunks within 3-4 months indicating that the paste was effective for control of bacterial infection of twigs/trunk, healing of bacterial wounds and sprouting of new shoots at infected portion and thus helps in rejuvenation of infection plant.

No. of Pages : 15 No. of Claims : 3

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

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : N-(N-CHLOROPHENYL) PYRIDINE, A NEW BACTERICIDE FROM MEDICINAL PLANT TERMINALIA CHEBULA

(51) International classification	31/04	(71)Name of Applicant : 1)DR. BORKAR SURESH GOVINDRAO
(31) Priority Document No	:NA	Address of Applicant :HEAD DEPARTMENT OF PLANT
(32) Priority Date	:NA	PATHOLOGY, MAHATMA PHULE KRISHI VIDYAPEETH,
(33) Name of priority country	:NA	RAHURI-413722, DISTRICT-AHMEDNAGAR, (M.S.), INDIA.
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. YUMLEMBAM RUPERT ANAND
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)DR. BORKAR SURESH GOVINDRAO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

During the screening of medicinal plants for their antibacterial property against plant pathogenic bacterium Xanthomonas, the aqueous leaf extract (at 25, 10 and 5%) of Terminalia chebula was found to posses antibacterial property. The antibacterial property of aqueous leaf extract was tested by inhibition zone technique. The antibacterial compound was extractable in Methanol solvent. The antibacterial compound present in the solvent has X max at 447 to 511 nm. The antibacterial compound in the methanol solvent was separated on thin layer chromatograme using forestall solvent. The illuminating spots of 58.52, 30.68 and 71.02 Rf values were obtained. The bioactive compound present in these illuminating spots posses antibacterial activity. The identification of antibacterial compound was performed on Quattro micro GC-MS unit at a temperature programming of 280°C, i.e. 36 min and the detection of the compound was based on the relative retention time and the size of peak. The methanol and ethanol extract of Terminalia chebula produced two major peaks, one at 12.44 to 12.56 min and another at 17.03 min. The library search (NIST MS search 2.0) indicated that the medicinal plant contained two compounds viz 4-(4-chlorophenyl) pyridine and phthalic acid. Commercial preparation of these two compounds i.e. 4-(4- chlorophenyl) pyridine and phthalic acid were tested for their antibacterial activity by inhibition zone technique. The phthalic acid did not show any inhibition zone against the Xanthomonas bacterium while 4-(4- chlorophenyl ) pyridine showed the inhibition zone against the Xathomonas bacterium indicating the presence of antibacterial activity in this compound. This is the first report of 4-(4- chlorophenyl) pyridine possessing antibacterial activity and the presence of this compound in medicinal plant Terminalia chebula. The quantification of antibacterial compound in medicinal plant Terminalia was done by measuring equivalent zone of inhibition produced by known antibiotics. For these selective synthetic antibacterial compounds particularly antibiotics like streptomycin sulphate and streptocycline at 50,100, 250 and 500 ppm concentration were used. The zone of inhibition formed by these antibiotics against Xanthomonas was compared with the zone of inhibition formed by aqueous extract of medicinal plant. On the basis of equivalent zone area it is concluded that Terminalia chebula had an antibacterial compounds of 500 u.g per leaf. The compound 4-(4-chlorophenyl) pyridine is not reported earlier to have antibacterial property. Thus, it is a new bactericide compound and is present in medicinal plant Terminalia chebula.

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

(19) INDIA

(22) Date of filing of Application :20/01/2015

(43) Publication Date : 10/04/2015

### (54) Title of the invention : PUSH FOR READY TO CLEAN TECHNOLOGY

<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>	:C08L 23/08 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GHODASARA DHAVAL RASIKBHAI Address of Applicant :101, SIDDHARTH-2, NEAR BHAGAR SINGHJI GARDEN, UNIVERSITY ROAD, RAJKOT, GUJARAT - 360005 Gujarat India</li> </ul>
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GHODASARA DHAVAL RASIKBHAI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This is a device with technology to carry compressed tissue and liquid together and separate till the time of use. It needs only one push to get the tissue wet and ready to use. This device has two locks which restricts liquid to come in contact with tissue as well as from leakage form device. On external pressure at particular area applied, bottom part of device expands and makes tissue ready to use by wetting it.

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

### (19) INDIA

(22) Date of filing of Application :16/10/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : FOUR SPOKIT CHAIN GE	AR BOX	
(51) International classification	:F01C	(71)Name of Applicant :
(51) International elassification	1/46	1)SARFARAZ MEHBOOB KHAN
(31) Priority Document No	:NA	Address of Applicant :A-50, PLOT-1, BKC, BHARAT
(32) Priority Date	:NA	NAGAR, BANDRA, MUMBAI - 400 051, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA
(86) International Application No	:NA	2)WASEEM ULLAH KHAN S/O WAHEED ULLAH
Filing Date	:NA	KHAN
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SARFARAZ MEHBOOB KHAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

A System for Generating Electrical Energy Method of manufacturing Four Sprocket Chain Gear Box for generating energy comprising first chain sprocket mechanism, second chain sprocket mechanism, third chain sprocket mechanism and fourth chain sprocket mechanisrn.dual pair of helical gears namely first helical gear, second helical gear, third helical gear and fourth helical gear, a pair of crown gears namely first crown gear and second crown gear.a pair of PV central gears namely first bevel gear and second PV central gears, a pair of bevel gears namely first bevel gear and second bevel gear being operatively connected to WV central gears, a pair of bevel gears namely first bevel gear and second bevel gear being operatively connected to worm gears respectively, first rod for accommodating the first chain sprocket mechanism, and second rod for accommodating the first helical gears, fourth helical gear, fourth helical gear , the third chain sprocket mechanism, fourth chain sprocket mechanism, the first crown gear and second bevel gear , a motor being connected to the gearbox assembly through first V belt to drive the gearbox assembly an alternator being connected to the gearbox assembly through second V belt, the alternator configured to convert mechanical energy transmitted by the gearbox assembly into electrical energy, herein the running motor runs the gearbox assembly and gearbox assembly generates mechanical energy which is converted into electrical power by means of alternator.

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

(19) INDIA

(22) Date of filing of Application :06/11/2014

### (54) Title of the invention : BEARING CONVERTING INSTRUMENT FOR SURVEYING

	(71)Name of Applicant :
	1)Regulwar Dattatray Gangaram Address of Applicant :Flat-1, Plot No.6, Disha Kshitij
	Apartment, Ulka Nagari, Aurangabad, 431 009, Maharashtra,
	India
	2)Gurav Jyotiba Bhalchandra
	3)Shaikh Asif Pirmahammad
	(72)Name of Inventor :
	1)Regulwar Dattatray Gangaram
	2)Gurav Jyotiba Bhalchandra
	3)Shaikh Asif Pirmahammad
NA	
	7/027 NA NA NA NA NA NA NA NA

(57) Abstract :

The present invention provides a bearing converting instrument that comprises a whole circle bearing scale disc and a reduced bearing scale disc that are respectively concentrically positioned on a vertical metal rod. The whole circle bearing scale disc and the reduced bearing scale disc respectively have a scale that graduates in a predefined direction thereby respectively having a predefined angular range configured thereon. The reduced bearing scale disc and the whole circle bearing scale disc make a predefined angle with each other which facilitates automatic conversion of values of whole circle bearing into reduced bearing and vice versa.

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

(19) INDIA

(22) Date of filing of Application :20/12/2013

(43) Publication Date : 10/04/2015

### (54) Title of the invention : A TENSIONED BALLOON BAG FOR STORAGE OF GASES AT A POSITIVE PRESSURE

<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>	:F17B1/26, F17B1/00 :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Kabir Udeshi <ul> <li>Address of Applicant :Rukshmani Villa, 3rd Floor, 145 Shivaji</li> </ul> </li> <li>Park, Rd. No. 5, Mumbai Maharashtra India <ul> <li>(72)Name of Inventor :</li> <li>1)Kabir Udeshi</li> </ul> </li> </ul>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device useful for storage of gases at a positive pressure is disclosed. The device is a balloon bag (1), fixed at one end, with the other end attached to a tensioning device. This compact and light weight device operates with out any external energy or utility and may be mounted in any orientation.

No. of Pages : 11 No. of Claims : 6

(19) INDIA

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

(43) Publication Date : 10/04/2015

### (54) Title of the invention : TAPS, A NEW LOW COST MEDIA FOR FUNGAL AND BACTERIAL PLANT PATHOGENS.

(51) Intermedian al alerai Gardian		(71)Name of Applicant :
(51) International classification	1/14, A01N63/04	1)DR. BORKAR SURESH GOVINDRAO Address of Applicant :HEAD, DEPARTMENT OF PLANT
(31) Priority Document No		PATHOLOGY, MAHATMA PHULE KRISHI VIDYAPEETH,
(32) Priority Date	:NA	RAHURI-413722, DIST. AHMEDNAGAR, (M.S.), INDIA
(32) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. BORKAR SURESH GOVINDRAO
(87) International Publication No	: NA	2)MISS BHATTACHARJEE JAYASHREE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

TAPS is a new low cost media for fungal and bacterial plant pathogen and is therefore a replacement for potato-dextrose-agar media used for fungal cultures and nutrient-sucrose-agar media used for bacterial cultures. The ingredients of TAPS medium i.e. topico granules powder (10g), agar agar powder (10gm) and sugar (20gm) is added into 250 ml of potato broth (prepared from 250gm potato) and the final volume is made to 1 liter with distilled water, before sterilization of the medium. The ingredient of TAPS medium i.e. tapicca granules powder, agar agar powder and sugar in 1:1:2 proportion can be mixed together in large quantities to stored in plastic jars. This ingredient mixture can be stored for a considerable longer period for 6 month and above. 40 gm of this ingredient is added to 250 ml of potato broth, whenever the TAPS medium has to be prepared and the final volume is made to 1 liter. The medium is useful for culturing both fungal and bacterial plant pathogen. The constituent of TAPS medium can be stored in plastic jars in laboratory as a single ingredient. The composite ingredient is easy to handle and facilitate quick preparation of the TAPS medium. TAPS as a medium and its ingredients composite is not reported earlier. The ingredient of TAPS as a single composite has commercial value in the research/practical laboratories and therefore needs patent.

No. of Pages : 11 No. of Claims : 3

### (19) INDIA

(22) Date of filing of Application :16/02/2015

(43) Publication Date : 10/04/2015

### (54) Title of the invention : LABORATORY TEST SETUP FOR TESTING MODEL OF 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:B64D15/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DATTA SAMPATRAO CHAVAN Address of Applicant :AMRUT KAILASH NAGRI, C-203, S.NO.34/13A, AMBEGAON BUDRUK, BEHIND BHARTI VIDYAPEETH, KATRAJ, PUNE - 411046 Maharashtra India</li> <li>(72)Name of Inventor :</li> <li>1)DATTA SAMPATRAO CHAVAN</li> <li>2)AKANKSHA DIXIT</li> <li>3)ARJUN SINGH</li> <li>4)MEHAKJYOT</li> <li>5)AVINASH KUMAR</li> <li>6)DR. P.B. KARANDIKAR</li> </ul>
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### (57) Abstract :

Laboratory test setup for testing model of wind turbine Wind energy is one of the fastest growing sources of renewable energy. A new approach to wind turbine testing has been proposed in the invention. A scale down model of the test setup that incorporates all the testing conditions including wind shear and different wind conditions like vertical wind shear, horizontal wind shear, wind turbulence has been proposed. Useful both on industrial level and experimental level this test setup is a complete testing environment in itself. The device consists of the supporting structure, the blade system and various measuring devices in order to measure flicker in the output voltage generated by the wind mill.

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

### (19) INDIA

(22) Date of filing of Application :16/02/2015

(43) Publication Date : 10/04/2015

### (54) Title of the invention : INTELLIGENT SELF START UNIT USING SUPERCAPACITOR

(51) International classification	:G06F15/161	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AKSHAY DEKATE
(32) Priority Date	:NA	Address of Applicant : A WING, E-6, GANGA PARK
(33) Name of priority country	:NA	SOCIETY, PINGALEWASTI, MUNDHWA, PUNE - 411036
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)AKSHAY DEKATE
(61) Patent of Addition to Application Number	:NA	2)AKANKSHA DIXIT
Filing Date	:NA	3)DR. P.B. KARANDIKAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Intelligent selfstart unit using supercapacitor Anintelligent self start unit using supercapacitor is a prototype to increase the life of the conventional batteries and also save fuel of the vehicles. As the vehicle starts, a sudden kick on the battery puts a lot of damage to it resulting in deep discharge. A hybrid battery using supercapacitor and a regulated control mechanism of energy flow within the vehicle is proposed in the invention that effectively increases the battery life. Also it indicates the battery condition to the user and hence maintenance of the battery becomes much easier. An electronic interface using switching mechanism between the battery and engine is provided in the proposed invention which regulates the energy flow in the system as a whole.

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

(19) INDIA

(22) Date of filing of Application :03/09/2014

(43) Publication Date : 10/04/2015

### (54) Title of the invention : AN INSECTICIDAL COMPOSITION CONTAINING IMIDACLOPRID AND ACEPHATE

<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>	:C07D 213/81 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MR. RAJESH V LUNAGARIYA Address of Applicant :PLOT NO 5165,5166 &amp; 5151, GIDC, ANKLESHWAR-PINCODE-393002 GUJARAT, INDIA</li> <li>(72)Name of Inventor :</li> <li>1)MR. RAJESH V LUNAGARIYA</li> </ul>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention disclose in this Application An insecticidal composition containing Imidacloprid (Chloronicotynyle compound) 0.2% to 10 % and Acephate (Organophosphorous compound) 35.0% to 82.0% for compound from class chloronicotynyle and organophosphorus compounds, surfactants 14.8 to 2.0 % and inerts 50.0 to 6.0 % by weight of the total composition. In this Surfactants are Wetting agents, Dispersing agents, and Surface active agents.

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

(19) INDIA

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

### (54) Title of the invention : DYNAMIC DISCOUNTING SYSTEM AND METHOD FOR ELECTRONIC TRANSACTION.

<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>	:G06F 17/30 :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ZYCUS INFOTECH PVT. LTD. Address of Applicant :GJ-07, SEEPZ++, SEEPZ SEZ, ANDHERI (EAST), MUMBAI-400096, MAHARASHTRA, INDIA.</li> <li>(72)Name of Inventor :</li> <li>1)MR. BIKASH MOHANTY</li> </ul>
(87) International Publication No	: NA	2)MS. NEHA KALE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

This invention relates to electronic systems associated with financial transactions, particularly to offsetting of invoice/s obligations and the systems and methods utilized to complete those offsetting transactions. It related to a method and system to select, schedule, purchase, fulfill, track and settle invoices using dynamic discounting using handheld device/s. Thus, according to one aspect of the present invention, a system and method is provided comprising of means to propose a discount offer for early payment to an electronic invoice and further comprising of means to accept or reject the discount offer to that electronic invoice whereby a business transaction methodology is provided wherein, a dynamic discounting system is provided pertaining to the discounting of electronic invoice to define auto extension parameter for each of said plurality of discount offer, asking the user to select at least one of the electronic invoice and providing discount offer, the system calculating the new discount offer pertaining to the invoice and providing a new auto populated discount offer to the invoice while accessing through web enabled input output devices selected from the group but not limited to mobile, iPhone, iPad, Android device, Windows device, Blackberry and the like.

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

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

### (43) Publication Date : 10/04/2015

## (54) Title of the invention : PETROL / DIESEL FILLING TECHNOLOGY IN AUTOMOBILES WITH VISIBLE QUANTITY AND COLOR OF FUEL TO THE CUSTOMERS

(51) International classification :F28E 20/00	(71)Name of Applicant : 1)SNEHA ASHOK NAGARKAR,
(31) Priority Document No :NA	Address of Applicant :'SNEHANKIT' S NO 125, SWAMI
(32) Priority Date :NA	VIVEKANAND PARK, AHERNAGAR, CHINCHWADGAON,
(33) Name of priority country :NA	PUNE 411033, MAHARASHTRA, INDIA
(86) International Application No :NA	2)ANKITA ASHOK NAGARKAR
Filing Date :NA	(72)Name of Inventor :
(87) International Publication No : NA	1)SNEHA ASHOK NAGARKAR
(61) Patent of Addition to Application Number :NA	2)ANKITA ASHOK NAGARKAR
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

### (57) Abstract :

A petrol / diesel fuel filling technology in automobiles with visible quantity and color of fuel to the customers is implemented on the existing petrol pumps with a thick transparent glass vessel. The transparent vessel contains a mechanical switch and visible marking scale. According to an aspect of the present invention there is provided : a) Thick glass vessels of 10 to 12 liters and 50 to 55 liters capacity at fuel station are connected to the fuel filling pipe from fuel storage pump to automobile fuel tank. Fuel will first get transferred to either of the thick transparent glass vessels whichever is connected to the pipe as per the requirement from fuel storage tank through regular machine at the fuel station. b) It will digitally display quantity and amount on fuel filling pilled. c) The mechanical switch of the transparent glass vessel having accurate marking to understand the fuel quantity being filled. c) The mechanical switch of the transparent glass vessel remains closed till required amount of fuel is entered into transparent glass vessel. After the automobile owner has verified the visible quantity of fuel, further the mechanical switch is opened and fuel from the transparent glass vessel is transferred to fuel tank of automobile Preferably, said the vessel should be of transparent glass for accurate visibility. Alternatively, said the vessel can be made of a transparent polymeric material which is compatible with petrol/diesel.

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

(19) INDIA

(22) Date of filing of Application :01/12/2014

(43) Publication Date : 10/04/2015

### (54) Title of the invention : AN ALDROP FOR DOOR WITH FITTING ARRANGEMENT

(51) International classification		(71)Name of Applicant :
	19/02	1)MR MOHAN PANDURANG PAWAR
(31) Priority Document No	:NA	Address of Applicant : R/O, SADASHIV NIWAS,
(32) Priority Date	:NA	DADHEGAON ROAD, PATHARDIGAON, NASIK 422010
(33) Name of priority country	:NA	MAHARASHTRA, INDIA
(86) International Application No	:NA	2)PRATIK ARVIND GAIKWAD
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR MOHAN PANDURANG PAWAR
(61) Patent of Addition to Application Number	:NA	2)PRATIK ARVIND GAIKWAD
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An aldrop for door with fitting arrangement Disclosed is an aldrop for door with fitting arrangement, the door is fitted on a door frame, the door frame having at least four sides, each of the side of door frame having front portion and back portion, the aldrop for door with fitting arrangement comprising: a hand-drop being fitted on the door; an anchor being fitted on front portion of one of the side of the door frame and configured to receive the hand-drop, the anchor having two holes for fitting purpose; a pair of bolts being travelled through the side of door frame on which anchor is fitted, each of the bolt consists of head region, neck region and stem region, the neck region has tapered end; and at least a pair of nuts being used for fitting purpose on the stem region of bolt.

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

(22) Date of filing of Application :21/02/2015

(43) Publication Date : 10/04/2015

(54) Title of the invention : A CONDUCTOR PROFILE ASSISTING IN AN ASSEMBLY ALIGNMENT OF CIRCUIT BREAKERS

<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>	:H02H3/16 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)LARSEN &amp; TOUBRO LIMITED Address of Applicant :L &amp; T House, Ballard Estate, P.O. Box:</li> <li>278, Mumbai 400 001, State of Maharashtra, India</li> <li>(72)Name of Inventor :</li> <li>1)PARIKH, Ashir</li> <li>2)PARMARTHI, Amogh</li> <li>3)NIRANJAN, Rajender, Singh</li> </ul>
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(57) Abstract :

In one implementation, a Drawout or withdrawable type Air Circuit breakers assembly, comprising housing, a fixed terminal to be mounted to at least two holes in a wall of the housing, and an adaptor (11) is disclosed. The assembly comprises a terminal-housing assembly (5) having the fixed terminal (10) comprising a projection or protrusion (1) extending bottom surface (2) of the fixed terminal, a groove (6, 13) on a contact surface (7) of the fixed terminal (10). The assembly further comprises of a terminal-adaptor assembly having the adaptor (11) comprising a projection or protrusion (8, 12) on a contact surface (9) of the adaptor. The terminal-housing and makes the fixed terminal and the adaptor completely immovable, thereby preventing any misalignment of the fixed terminal and the adaptor.

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

(22) Date of filing of Application :21/02/2015

### (54) Title of the invention : ALARM DEVICE FOR THE BANISHMENT OF THE BIRDS AND ANIMALS FROM THE ORCHARDS AND FARMS

<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>	63/02 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Yogesh Prataprao Deshmukh Address of Applicant :C/o P. R. Deshmukh, Opposite Chintamani shop, near Datta Mandir, Vinayak nagar, Radha nagar, Amravati- 444603 (M.S) Maharashtra India</li> <li>2)Rashmi Yogesh Deshmukh</li> <li>3)Manisha Narayanrao Tawde</li> </ul>
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Yogesh Prataprao Deshmukh
Filing Date	:NA	2)Rashmi Yogesh Deshmukh
(62) Divisional to Application Number	:NA	3)Manisha Narayanrao Tawde
Filing Date	:NA	

#### (57) Abstract :

The present invention relates to an alarm system for the banishment of animals and birds to protect the oranges orchards and farms or similar other crops. A novel passive device which minimizes crop yield loss and is very easy to install is proposed in the present invention. Following invention is described in detail with the help of Figure 1A and Figure 1B of sheet 1 shows the elevation and plan of said preferred centrally located control mechanism, Figure 2 of sheet 2 shows Plan of preferred complete crop protection system, Figure 3 of the sheet 2 shows the elevation of the preferred complete crop protection system, Figure 3 of sheet 3 shows the diagram for schematic of magnified view of further extension, Figure 1-C of sheet 3 shows the diagram for Drum Unnerve, Figure 1-D of sheet 4 shows the diagram for String Sliding Attachment and Figure 1-E of sheet 4 shows the diagram for Crank and Connecting Link.

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

### (22) Date of filing of Application :07/03/2015

(43) Publication Date : 10/04/2015

### (54) Title of the invention : GENERATION OF CUMULATIVE ROAD NETWORK SERVICE QUALITY INDEX FOR ROAD NETWORKS IN AN URBAN AREA USING GEO-INFORMATICS APPROACH

(51) International classification	:G08G1/00, G06Q50/00	<ul><li>(71)Name of Applicant :</li><li>1)Dr. Yashwant Bhaskar Katpatal</li></ul>
(31) Priority Document No	:NA	Address of Applicant : Associate Professor, Department of
(32) Priority Date	:NA	Civil Engineering, Visvesvaraya national institute of Technology,
(33) Name of priority country	:NA	Nagpur-10, (MS) Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Dr. Yashwant Bhaskar Katpatal
(87) International Publication No	: NA	2)Sanket Thorat
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

The transportation network in fact governs the development of any urban area through its activity clusters. The representative sample layouts have been selected and their location and other characteristics have been studied from High Resolution Satellite data. Micro level analysis was performed on these samples and number of parameters affecting road network service quality were identified and worked out. The interaction of these parameters with transportation system and their impacts on transportation system and vice versa are analyzed. Results provide an understanding on road network service quality index and the planning of the transportation network in the further developing areas and also reorganization of the activity clusters. From the present study based on selection of 8 sample layouts spread in different Land Use classes of built up areas within Nagpur Urban area, the Cumulative Road Network Service Quality Index have been proposed. These CRNSQI values are derived completely from satellite data hence presents ease of its generation and analysis. Following invention is described in detail with the help of figure 4 of sheet 3 showing cumulative weights indicating level of serviceability of roads within urban layouts within Nagpur municipal boundary.

No. of Pages : 17 No. of Claims : 4

(19) INDIA

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

(43) Publication Date : 10/04/2015

(54) Title of the invention : A NOVEL PROCESS FOR PREPARATION OF VEGETABLE POWDER FROM DRUMSTICK POWDER

(51) International classification	:A23L 1/2165, A23L 1/40	<ul> <li>(71)Name of Applicant :</li> <li>1)DIPEN MUKUNDBHAI SHAH</li> <li>Address of Applicant :879, Shah™s Street, Ta. Dist. Anand,</li> <li>Post Kunjrao 388335, Gujarat, India</li> </ul>
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)DIPEN MUKUNDBHAI SHAH
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Novel Process for preparation of vegetable powder from Drumstick (Moringa oleifera Lam) comprising following steps (i) first of all good coloured and matured pods/fruit drumsticks are plucking from moringa tree; (ii) wash pods/fruits properly with clean water; (iii) wiping it with clean cotton cloth and keep it in well ventilated shed house to avoid direct sun ling on it and where air circulate easily around it; (iv) according to the condition of pod/fruits after some days, the seeds were bring out from pods/ fruits by crushing it manually or mechanically, ( seeds can bring out any stage but for the more convince preferably bring out at the dry condition ); (v) after separating seeds from pods/fruits; (vii) after this powder is packed vaccum or nitrogen pack for long time.

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

(22) Date of filing of Application :25/07/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : PROCESS FOR MANUFACTURE OF PACKAGED DRINKING WATER FORTIFIED WITH NANOGOLD.

<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>	233/81 :NA :NA :NA :NA	Address of Applicant :2459, YASHWANT CO-OPERATIVE HOUSING SOCIETY, JAYSINGPUR-416 101, P.B.NO.118, DIST. KOLHAPUR, MAHARASHTRA, INDIA. (72) <b>Name of Inventor :</b>
Filing Date	:NA	1)SANJAY DHYANCHAND GHODAWAT
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for preparing drinking nano gold water which involves nano gold generator for the production of nano gold particle less than IOnm. The water is prepared by filtration process by using special quartz filter; activated carbon filter; micron bag/catridge filter; high grade pesticide removal filter followed by ultrafiltration and reverse osmosis. The final water obtained is crystal clear, odour free, colour less, fresh testing, free from toxic elements, pesticides, micro organisms, balanced with vital minerals and fortified with 99.999% pure activated nano gold.

No. of Pages : 21 No. of Claims : 1

### (19) INDIA

(22) Date of filing of Application :09/03/2015

### (54) Title of the invention : A COMPACT HIGH PERFORMANCE CIRCUIT BREAKER ARRANGEMENT

	UBRO LIMITED cant :L & T House, Ballard Estate, P.O. Box: 1, State of Maharashtra, India or :
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### (57) Abstract :

The present invention provides a operating mechanism (1) and a compact circuit breaker (5) wherein short circuit release (2) is placed at an angle with respect to horizontal and is optimized in a manner so that enough space is available at the top for mechanism(1) and space for divergent de-iron plates at the bottom. With respect to short circuit release (2), moving contact (6) of mechanism (1) is placed in such a way that, during short circuit fault; plunger (10) of release pushes tripping latch (8) which hits to moving contact assembly (6,7). Also the present invention allows to place de-iron plates in slanted manner i.e. divergent de-iron plates in arc chamber (3), which gives higher blow out force during short circuit and hence fault clearing becomes fast. In addition to this, more number of de-iron plates than conventional method can be placed in arc chamber (3), which causes fast quenching of arc and hence clearing short circuit fault. Variable thermal assembly (4) is placed at right side of 45 mm cutout area (20). Trip plate (16) is sensitive to overload current, when overload current is above threshold value, it operates tripping latch (8) of mechanism (1) and turn the circuit breaker (5) to off. This threshold value is controlled through control knob (17), which is accessible to end user.

No. of Pages : 19 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :27/02/2015

### (54) Title of the invention : USER AUTHENTICATION USING IMAGE-PATH COMBINATION.

(51) International classification	:G06F 12/08 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ANIKET BHADANE</li> <li>Address of Applicant :A6/601, PARK ISLAND,</li> </ul>
<ul><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:NA	SHASTRINAGAR, YERAWADA, PUNE-411006,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ANIKET BHADANE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is a user authentication system for websites. Traditional passwords have many vulnerabilities. Despite many attempts to replace them, passwords still exist. Two-factor verification using mobile phones is being used by major companies from couple of years to increase security. Even if password is compromised, hackers still need to get hold of one-time token sent to the mobile phone while the token is still valid. This two-factor verification being optional, very few users have enabled it because of its overhead, and many are not even aware of it. The present invention replaces passwords by Image-Path combination and presents a way to use partial enforced two-factor verification, while being user-friendly. The system is also resistant to a phishing or shoulder surfing attack since user passes the authentication without revealing his secret.

No. of Pages : 9 No. of Claims : 6

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

(43) Publication Date : 10/04/2015

## (54) Title of the invention : IMPROVED KEYBOARD WITH VISIBLE OPERATING SHORTCUT KEYS FOR LAPTOP KEYBOARD & DESKTOP COMPUTER KEYBOARD.

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	G06F3/033, G06F3/048, :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ROHIT BHIMASHANKAR WADMARE Address of Applicant :ROOM NO.3, BUILDING NO: B41, GURUKRUPA SOCIETY, NEAR RYAN SCHOOL, SANPADA,</li> </ul>
(32) Priority Date		NAVI MUMBAI 400705, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	2)ROHAN BHIMASHANKAR WADMARE
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ROHAN BHIMASHANKAR WADMARE
(87) International Publication No	: NA	2)ROHIT BHIMASHANKAR WADMARE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

Improved keyboard with visible operating shortcut keys for laptop keyboard and the desktop computer keyboard and all computer device. Providing keys such are copy, paste, cut, undo, properties, minimize, maximize, select all, new documents, open documents, save documents, save as documents, tab documents, file browser and task manager in one single click or touch. These shortcut buttons save fraction of seconds, an improved new advanced laptop keyboard and desktop computer keyboard advanced visible shortcuts in one click on laptop keyboard, the improvement is for perform mostly use command on only single click on laptop keyboard, said for perform one click operation or command which was performed by two, three, one button click, said arranging the button on frequently and easy to use specific button structure, said the some buttons are arranged on nearest space and on top of mouse touch pad, said some specific buttons are arranged on nearest right hand side of mouse touch pad which so easy to perform some operation or commands, said some scroll wheel is arranged on nearby mouse touch pad after right side arranged buttons, said some most use full programs shortcut keys are arranged on below the laptop keyboard on left hand side. Some buttons are operates on exists principle. Some buttons are only arranged and placed very frequently and systematic manner. By using these keys user can operates various commands and operation very quickly and easily. Main aim of these improved keys are to save fraction of seconds of user without confusion.

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

(19) INDIA

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

#### :B23B47/28, (71)Name of Applicant : (51) International classification E05B 17/20 1)MR MOHAN PANDURANG PAWAR Address of Applicant : R/O. SADASHIV NIWAS. (31) Priority Document No :NA (32) Priority Date DADHEGAON ROAD, PATHARDIGAON, NASIK 422010 :NA (33) Name of priority country MAHARASHTRA, INDIA :NA (86) International Application No 2)MR PRATIK ARVIND GAIKWAD :NA Filing Date ·NA (72)Name of Inventor : (87) International Publication No : NA **1)MR MOHAN PANDURANG PAWAR** (61) Patent of Addition to Application Number :NA 2)MR PRATIK ARVIND GAIKWAD Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

### (54) Title of the invention : A DEVICE FOR USE IN DRILLING IN A DOOR FRAME

#### (57) Abstract :

A Device For Use In drilling In A Door Frame Disclosed is a device for use in drilling in a door frame, the door frame comprises four sides, the door is fixed on first side and anchor of aldrop is fixed on second side of the door frame, the device comprising: a first holding unit being fitted on the first side of door frame; a first connecting unit having elongated structure, the first connecting unit consists of two ends namely first end and second end, the first end is connected to the first holding unit, the second end having threads on outer surface; a first hollow cylindrical structure being rotatably fitted on the second end of first connecting unit, the first hollow cylindrical structure having threads on inner surface, the first hollow cylindrical consists of a handle; a second holding unit being fitted on the second side of door frame, the second holding unit includes a slider and a drill assistance block being movable on the slider, the drill assistance block moves on a axis that is perpendicular to the second side of door frame, the drill assistance block includes at least two openings for providing path for a drill bit of drilling machine for drilling on the second side of door frame; a second connecting unit having elongated structure, the second connecting unit consists of two ends namely first end and second end, the first end is connected to the second holding unit; a second hollow cylindrical structure being connected to the second end of second connecting unit through a spring unit; the second end of first connecting unit being connected to the second hollow cylindrical structure through the first hollow cylindrical structure in such a way that the second end of first connecting unit getting tightened into the second hollow cylindrical structure using the handle of first hollow cylindrical structure.

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

(22) Date of filing of Application :26/08/2014

(43) Publication Date : 10/04/2015

### (54) Title of the invention : GEARBOX OPERATED CAM FOR ECCENTRIC LINEAR MOTION AND UP /DOWN FLAT BED PRINTING SCREEN

<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>	B41F 15/00 :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)THAKORE NIKI NARENDRABHAI Address of Applicant :BUNGLOW No. 394, Lane No.18, Satyagrah Chhavani, Nr. Bhav Nirjar Temple, Satelite, Ahmedabad-380015 Gujarat, India</li> <li>(72)Name of Inventor :</li> <li>1)THAKORE NIKI NARENDRABHAI</li> </ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

The present invention is used for lifting the angle of flat bed screen printing machine. The servo motor (10) is connected with gear box (9) with coupling (7), when the motor starts, the shaft of the motor also rotates which transmit their rotational motion to the gear box (9). Cam (6) is connected with gear box (9) so, when the motor runs, cam (6) rotates eccentrically. Lifting Cam fork (5) with roller (15) is pivoted (Line Contact) on cam (6) outer surface so, when the cam (6) is eccentrically moves in rotational direction the lifting cam fork (5) with roller (15) also moves forward and reverse direction to push the lifting connecting pipe (4) through lifting link (3) so; lifting lever (14) lift the printing trollev (1) up & down, which is resting on T Slot (11). T Slot (11) is fitted on lifting angle (12).

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

(19) INDIA

(22) Date of filing of Application :21/02/2015

(43) Publication Date : 10/04/2015

### (54) Title of the invention : PROCESS AND PLANT FOR THE PURIFICATION OF ACRYLIC ACID

(51) International classification	:C07C51/252	(71)Name of Applicant :
(31) Priority Document No	:10 2014 108 980.4	
(32) Priority Date	:26/06/2014	Address of Applicant :75 quai d™Orsay F-75007 Paris,
(33) Name of priority country	:Germany	France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DrIng. GUTERMUTH Thomas
(87) International Publication No	: NA	2)Dr. KREICH Markus
(61) Patent of Addition to Application Number	:NA	3)CASTILLO-WELTER Frank
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

This invention relates to a process for the purification of acrylic acid from a mixture containing acrylic acid and acetic acid, comprising the following steps: i) extraction of the mixture containing acrylic acid and acetic acid with an extractant stream, whereby a raffinate stream and an extract stream are obtained, ii) distillation of the extract stream, whereby an acrylic acid stream and a return stream are obtained, characterized in that the return stream contains acetic acid and is recirculated into the extraction. Furthermore, the invention comprises a plant for carrying out this process.

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

### (19) INDIA

(22) Date of filing of Application :25/02/2015

(43) Publication Date : 10/04/2015

	:F16H19/00,	(71)Name of Applicant :
(51) International classification	B62D5/22,	1)ZF Steering Gear India Ltd.
	B62D3/12	Address of Applicant :1242/1244 ,Vadubudruk, Tal.Shirur,
(31) Priority Document No	:NA	District - Pune 412216, Maharashtra, India
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)RAMACHANDRAN, K.
(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	

### (54) Title of the invention : VARIABLE RATIO STEERING GEAR

### (57) Abstract :

The present disclosure relates to a variable ratio integral power steering gear that can operate at optimum hydraulic pressure throughout its range of operation. In an embodiment the disclosed steering gear has higher gear ratio towards two ends as compared to center position such that the steering gear ratio generally matches the effort required to turn steered wheels and thus can meets the requirement of applications where the effort required to turn the steered wheels increases as they are turned away on either side from straight ahead (center) position. The disclosed steering gear therefore helps in achieving generally uniform power requirement from one lock position to other lock position. In an embodiment, the rack is a variable pitch rack and the rack teeth have depth that increases towards the two ends of the rack from the center of the rack. Further, the rack tooth profile is modified from that of a basic rack profile with 25 degree pressure angle at the center to an increased pressure angle of 40 degree at the ends to provide for improved contact efficiency and variable ratio contact radius. The pitch radius of the sector gear is constant and placed ex-center from the axis of rotation of the sector shaft.

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

(22) Date of filing of Application :16/03/2015

(43) Publication Date : 10/04/2015

### (54) Title of the invention : CONCENTRATED AND SELF-PRESERVING COMPOSITIONS OF MILD SURFACTANTS FOR TRANSPARENT AND SKIN-PH PERSONAL CARE FORMULATIONS

<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>	:A61K7/50, A61K8/41 :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GALAXY SURFACTANTS LTD. Address of Applicant :C-49/2, TTC Industrial Area, Pawne, Navi Mumbai-400 703 Maharashtra, India</li> <li>(72)Name of Inventor :</li> <li>1)Wankhade, Arpit</li> <li>2)Sawant, Bhagyesh</li> <li>3)Mhatre, Pritesh</li> <li>4)Koshti, Nirmal</li> <li>5)Kshirsagar, Pooja Vaidya</li> <li>6)Ballal, Ashwini</li> <li>7)Sharma, Anuradha</li> <li>8)Raunak, Kumar</li> </ul>
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(57) Abstract :

The invention relates to aqueous, high active, self-preserving composition of mild surfactants which are used to create transparent liquid formulations with pH similar to skin<sup>TM</sup>s pH. More specifically, the composition comprise of sodium/potassium acyl isethionate of Formula I and mono potassium acyl glutamate of Formula II with solids content of at least 45 % w/w, for personal care formulation that are ultra-mild, with skin pH and transparent.

No. of Pages : 32 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :19/03/2015

(43) Publication Date : 10/04/2015

### (54) Title of the invention : SYSTEM AND METHOD FOR PARALLEL CONTRACT AUTHORING.

	,	(71)Name of Applicant :
(51) International classification	G06Q10/00,	
	G06Q30/00	11 , , , , , , , , , , , , , , , , , ,
(31) Priority Document No	:NA	ANDHERI (EAST), MUMBAI-400096, MAHARASHTRA,
(32) Priority Date	:NA	INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MR. AATISH DEDHIA
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The invention relates in general to electronic file management and more specifically to a method, apparatus and system for drafting, negotiating, and managing contracts through multiple user terminals for parallel contract authoring. The present invention provides such techniques wherein multiple users have provisions to author the contracts thus there is provided a system and a method wherein multiple users have provisions to author and review the contract documents. In a specific embodiment of the present invention, a computer based system for plurality of parallel contract reviewing is provided. The system comprises a processor unit. The system also comprises a computer readable medium storing instructions executable by the processor unit to perform the step of inserting the contract marks in terms of bookmarks for all the extracted clauses of the documents. The tool reads the documents in terms of bookmarks a location or a selection of text that a user name and identify for future reference. For example, a user might use a bookmark to identify text that another user want to revise at a later time. Likewise, for every contract document, the tool automatically places bookmarks so that every section and clause can be identified in terms of different bookmarks.

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

#### (19) INDIA

(22) Date of filing of Application :19/03/2015

### (54) Title of the invention : SYSTEM AND METHOD FOR PROCUREMENT OF THE PRODUCTS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:G06F17/30, G06Q10/00 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ZYCUS INFOTECH PVT. LTD.</li> <li>Address of Applicant :GJ-07, SEEPZ++, SEEPZ SEZ,</li> <li>ANDHERI (EAST), MUMBAI-400096, MAHARASHTRA,</li> </ul>
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. VIJESH BHAKTA
(87) International Publication No	: NA	2)MR. BIKASH MOHANTY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

The main object of the present invention is to provide a computer implemented system and method particularly the linking feature for the users to remove the boundaries between the listed products and provide user a single Source-to-Pay Suite experience to manage their procurement related activity cycles seamlessly. It is yet another object of the present invention is provide a computer implemented system and method wherein a framework which removes the need for a user to switch between the various products and manually browse to find actionable information by introducing a single webpage based, customizable and personalizable card based interface to manage all the activities available from the given list of the products. It is an object of the present invention to provide a computer implemented system and method providing a header that houses a drillable suite menu to reach to the most granular webpages in the suite, a Suite level intelligent search, a Suite wide common help center and suite level activity notifications. This simplifies the way the user looks out for information and navigate into and out of the given listed products. Yet another object of the present invention is to provide a computer implemented system and method wherein the home page groups and docks list of activities in a card based widget framework enabling the users to have one click access to all their procurement related activities. It is an important object of the present invention to a computer implemented system and method wherein a suite user is able to manage all their Sourcing events, Suppliers, Requisitions, Invoices, and Projects etc. from one single web page. In addition to this the Linking, Sharing, Social Forum helps the users to have an integrated view of the entire procurement cycle with platform to share ideas and effectively collaborate with all stakeholders.

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

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

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : GPS ENABLED SOLAR POWERED CLOCK WITH MONITORING OF THE ELECTRICAL SYSTEM VIA ONLINE/SMS BASED 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	G04B19/30, G06F 17/30 :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MOHAN V. KAMAT Address of Applicant :AASTHA, 34, SARAS BAUG, V. N. PURAV MARG, DEONAR, MUMBAI-400088 Maharashtra India</li> <li>(72)Name of Inventor :</li> <li>1)MOHAN V. KAMAT</li> </ul>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The solar powered clock consisting of pole on which the clock is mounted; FRP Panels, mounted on an arm on the pole using a ball joint; Ball joint ensuring that the arm can be aligned in proper direction to receive proper sunlight; Solar photo voltaic panels mounted on the FRP panel; power storage device to store the DC power generated from solar panels, fixed at the bottom of the pole; cabinet housing the clock mechanism; Cabinet cover for easy maintenance of the electronic circuit compass mounted on the plate depicting the direction in which solar panels have to be aligned; electronic circuit comprising charge controller to control the charging and discharging of the power storage device from the solar panels and circuit which is used to monitor the vital characteristics of the system and give feed back to the client via SMS; arms welded on the pole for mounting the street light; source of light to back illuminate the clock evenly; street light mounted on arm, aligned at an angle of 10° from the axis of the arm so that a 110° cone of light is available at the ground; E-smart display depicting the instantaneous charging currents from solar panels and discharging of the current from the storage device; a GPS enabled system ensuring the correct network time, placed in the housing for the e-smart display comprising of GPS receiver and power supply; centrally fixed stepper motor to move the hands of the clock and display time ; dials synchronized to display the same time; spacer ensuring that the protective transparent cover does not touch the hour and minute hand; protective transparent cover ensuring that no dust particles enter the clock housing; Top covers, screwed to the clock housing ensuring that protective transparent covers does not fall off.

No. of Pages : 16 No. of Claims : 8

(19) INDIA

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

#### (54) Title of the invention : AIR COOLING AND DUST FILTERING SYSTEMS FOR VEHICLES

<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>	:C07D 403/12 :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Vinav Bhatnagar Address of Applicant :Vinav Bhatnagar Quarter number 8 - c, Type-4, sector-5, Ordnance Factory Chanda, district chandrapur, Maharashtra India</li> <li>(72)Name of Inventor :</li> <li>1)Vinav Bhatnagar</li> </ul>
Filing Date	:NA	
6		1)Vinav Bhatnagar
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present inventions provides different types of new portable and handy air cooling and dust filtering systems that can be easily attached and detached from vehicles such as jeeps, buses, , military vehicles, auto-Rickshaw, E-Rickshaw, cycle-Rickshaw and many others. These air cooling and dust filtering systems mainly comprised of a frame with mat and classified into six different categories according to method of operation and also operation used for water sprinkling. In present inventions the mat is wetted by different operations such as manual sprinkling, manual crank rotations, pedaling and also vehicle crankshaft operated sprinkling; when vehicle runs, the air passing through wet mat cools with a humidifying effect.

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

(19) INDIA

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

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : A PELLET BURNER APPARATUS AND METHOD OF OPERATING

<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>	1/04 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ABELLON CLEANENERGY LIMITED</li> <li>Address of Applicant :10TH FLOOR, SANGEETA</li> <li>COMPLEX, NR. PARIMAL RAILWAY CROSSING,</li> <li>ELLISBRIDGE, AHMEDABAD-380 006, GUJARAT, INDIA.</li> </ul>
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PATEL PANKAJ KANTIBHAI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is related to a fuel pellet consuming compact well engineered pellet burner apparatus and a method of operating procedure to achieve high efficiency and better heat exchange capacity. The present invention provides the pellet burner apparatus compatible with all types of fuel pellets with diameter up to 8 mm, length up to 30 mm, ash up to 10 %. Invention provide innovative use of various types of fuel pellets in burner apparatus which replace gas, oil and diesel from existing heat systems. In the said invention air fuel ratio is maintained by air box types of arrangement. For intermediate ash/slag removal and continuous pellet feeding during operation great system with three grate are accommodate in burner apparatus out of one is fix grate and two are moving grate which increases suitability for continuous load base applications.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :23/05/2014

(43) Publication Date : 10/04/2015

# (54) Title of the invention : EFFECTIVENESS OF OPTIMIZED CRYO-TREATMENT ON POLYMER COMPOSITES(51) International classification:A61K<br/>39/215(71)Name of Applicant :<br/>1)KAVITA NARENDRA PANDE

(31) Priority Document No	:NA	Address of Applicant :RESEARCH ASSOCIATE, DEPT. OF
(32) Priority Date	:NA	METALLURGICAL AND MATERIALS ENGG., VNIT,
(33) Name of priority country	:NA	SOUTH AMBAZARI ROAD, NAGPUR - 440010 Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	2)DILIP R. PESHWE
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)KAVITA NARENDRA PANDE
Filing Date	:NA	2)DILIP R. PESHWE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Polymer composite though high strength promising material, its wear damage is a real matter of concern. Thus to improve its wear performance the polymers and composites are treated cryogenically. Optimization of cryo-treatment for fiber and particulate reinforced PBT composite was done by evaluation of cryo-treated samples for structural, mechanical and thermal properties. In addition to this, as the interface has decisive role in case of composite which governs the properties of composite, the interface of the composites was also investigated and the change at the interface were monitored and evaluated through theoretical predictions as well. This invention concludes that the optimized cryo-treatment is effective for the polymer composites to improve its wear performance. Following invention is described in detail with the help of Figure.3 of sheet 2 shows Youngs modulus value of (i) Glass fibers reinforced PBT composites (ii) Wollastonite reinforced PBT composites for untreated and cryo-treated at (-80°C, -140°C and -185°C) for the samples exhibiting highest modulus at the mentioned temperature.

No. of Pages : 30 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :30/07/2014

#### (54) Title of the invention : AN IMPROVED DISPOSABLE OBJECT :H04R (71)Name of Applicant : (51) International classification 1)ATIK ZALAVADIA 1/10Address of Applicant : AVASAR, OPP, SAGUN PALACE, (31) Priority Document No :NA (32) Priority Date B/H VAIBHAV LAXMI TEMPLE, EKLAVYA PUBLIC :NA (33) Name of priority country SCHOOL, ZANZARADA ROAD, JUNAGADH - 362001, :NA (86) International Application No GUJARAT. INDIA :NA (72)Name of Inventor : Filing Date :NA (87) International Publication No : NA **1)ATIK ZALAVADIA** (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention is related to an improved disposable object having two attachments, one attachment is sticked on the sticky patch on the bottom side of disposable object whereby this attachment is easily removable from the disposable object allowing the disposable object to stick on the intended material such as panty through sticky patch of the disposable object and keep it sticked in proper position and another attachment which helps wings to stick properly on under garment by providing thickness and proper grip which placed on the upper side of the disposable object made up of any skin friendly material such as cotton cloth or fiber which may or may not be treated with any form of irritation reducing material in form of solid, liquid or gas such as powder, gel, chemicals, granules which solves the problem of irritation and rashes between the legs and backside at butt part and absorbs sweat and helps to keep skin dry.

No. of Pages : 29 No. of Claims : 18

#### (19) INDIA

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

#### (43) Publication Date : 10/04/2015

(54) Title of the invention : COMPOSITE F	UEL.	
	·C10I 1/16	(71)Name of Applicant :
(51) International classification	C10L1/10, C10L1/02,	
(31) Priority Document No	:NA	Address of Applicant :VIJAYNAGAR, BLD. NO. 3, B-14,
(32) Priority Date	:NA	DHAYARI, NEAR DHARESHWAR MANDIR, SINHGAD
(33) Name of priority country	:NA	ROAD, PUNE-411041, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. PRAKASH RAVINDRA SOMANI

: NA

:NA

:NA

:NA

:NA

1)DR. PRAKASH RAVINDRA SOMANI 2)DR. SAVITA PRAKASH SOMANI **3)ATHARV PRAKASH SOMANI** 

#### (57) Abstract :

Filing Date

Filing Date

The present disclosure provides a fuel blend that is capable of reducing the consumption of petroleum based hydrocarbon fuel while maintaining the desired performance characteristics of the petroleum based hydrocarbon fuel, wherein the fuel blend can include a petroleum based hydrocarbon and a solid non-petroleum hydrocarbon material. The fuel blend may further include, if desired, other renewable fuels such as, biodiesel, bio-oils, anhydrous alcohol or mixtures thereof. The solid non-petroleum hydrocarbon material that can be mixed with the petroleum based hydrocarbon to form the fuel blend can be obtained from a renewable source and can include camphor, naphthalene, adamantane, terpenes, terpenoids and mixtures thereof.

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

(87) International Publication No

(62) Divisional to Application Number

(61) Patent of Addition to Application Number

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

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : A DRUG DELIVERY SYSTEM FOR SUSTAINED RELEASE OF ISONIAZID

<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>	:A61K 31/496 :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SHINDE VIKRAM RAMCHANDRA Address of Applicant :8 SADGURU HOUSING SOCIETY, DEGAON ROAD, SAMBHAJINAGAR, TAL:- SATARA, DIST:- SATARA, MAHARASHTRA, INDIA, PINCODE- 415004 Maharashtra India (72)Name of Inventor : 1)SHINDE VIKRAM RAMCHANDRA 2)DR. YADAV ADHIKRAO VYANKATRAO 3)DR. GURAV SHAILENDRA SHIVAJI 4)MR. GAVHANE YOGESHKUMAR NANASAHEB 5)BHAGAT ABHIMANYU KESHAVRAO 6)BHONG KUNDAN KANTILAL</li></ul>
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(57) Abstract :

The present invention provides chitosan reinforced alginate beads comprising isoniazid entrapped in chitosan-alginate polyelectrolyte matrix. The present invention also provides a process for the preparation of chitosan reinforced alginate beads which involves the steps of: i) preparing an aqueous solution of sodium alginate; ii) dissolving isoniazid in distilled water to obtain a isoniazid solution; iii) adding the isoniazid solution to said solution of sodium alginate to obtain a mixture; and iv) incorporating said mixture to a calcium chloride solution containing chitosan in a drop-wise fashion to form chitosan reinforced alginate beads, followed by separating said beads, washing with distilled water, filtering and drying.

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

(19) INDIA

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

#### (54) Title of the invention : A PROCESS FOR PREPARATION OF HALQUINOL PRODUCT

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	215/28 :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)OMKAR SPECIALITY CHEMICALS LTD. Address of Applicant :UNIT III, B-34, M.I.D.C., BADLAPUR</li> <li>(E), THANE, PIN-421503, MAHARASHTRA, INDIA.</li> <li>(72)Name of Inventor :</li> <li>1)HERLEKAR; OMKAR PRAVIN</li> <li>2)PATIL; JOTIBA KRISHNA</li> <li>3)RANJANE; DEEPAK HANAMANT</li> <li>4)BARHATE; ARUN TULSHIRAM</li> </ul>
11	:NA	
(87) International Publication No	: NA	3)RANJANE; DEEPAK HANAMANT
(61) Patent of Addition to Application Number	:NA	4)BARHATE; ARUN TULSHIRAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention relates to a process for preparing halquinol comprising reacting glycerin, 2-amino-4, 6-dichlorophenol and sulfuric acid with 2-nitro-4-chlorophenol and acetic acid wherein 2-nitro-4-chlorophenol is taken within the range of 0.7 time to equal weight quantity of 2-amino-4,6-dichlorophenol. The obtained halquinol product contain from 57.0% to 74.0% of 5, 7-dichloro-8-quinolinol and from 23.0% to 40.0% 5-chloro-8-quinolinol.

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

(22) Date of filing of Application :13/10/2014

(43) Publication Date : 10/04/2015

# (54) Title of the invention : GEARBOX OPERATED CAM FOR ECCENTRIC LINEAR MOTION AND UP /DOWN FLAT BED PRINTING SCREEN

<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 Filed on</li> </ul>	:01/01/1900	<ul> <li>(71)Name of Applicant :</li> <li>1)THAKORE NIKI NARENDRABHAI Address of Applicant :BUNGLOW No. 394, Lane No.18, Satyagrah Chhavani, Nr. Bhav Nirjar Temple, Satelite, Ahmedabad-380015 Gujarat, India</li> <li>(72)Name of Inventor :</li> <li>1)THAKORE NIKI NARENDRABHAI</li> </ul>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention the servo motor (10) is connected with gear box (9) with flexible coupling (7), when the motor starts, lifting cam (6) rotates eccentrically. Lifting Cam fork (5) with roller (15) is pivoted on lifting cam (6) outer surface so, when the lifting cam (6) is eccentrically moves in rotational direction the lifting cam fork (5) with roller (15) also moves forward & reverse direction to push the lifting connecting pipe (3) through lifting link (4) so; lifting lever (14) lift the printing trolley (1) up & down, which is resting on T-Slot (11). In the present invention single pair or multiple pair of spiral spring(18) with square threaded lead screw(16) and nut (17) to adjust the spiral spring tension is provided at any place of the lifting connecting pipe (3). Spiral spring mounting flat (20) is provided at the other/distal end of connecting pipe (3).

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

(19) INDIA

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

#### (54) Title of the invention : CHEWING GUM HAVING CHITOSAN NANOPARTICLES

(57) Abstract :

In one of the important aspect of the invention it provides a method for making the Chitosan nanoparticles from the non-animal sources is provided, the chitosan nanoparticles are provided from the yeast cells which are selected from Saccharomyces cerevisiae. In an another aspect of the invention provides a chewing gum composition having an effective amount of the Chitin nanoparticles as the active ingredient which inhibits the growth of the of S. mutans, S. sanguis and L acidophilus in oral cavity,

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

#### (19) INDIA

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

#### (54) Title of the invention : A REGENERATIVE SUSPENSION SYSTEM FOR A VEHICLE

(51) International classification	:F16F15/03, B60G17/04	(71)Name of Applicant : 1)MAHINDRA TWO WHEELERS LTD.
(31) Priority Document No	:NA	Address of Applicant :D1 BLOCK, PLOT NO. 18/2, MIDC,
(32) Priority Date	:NA	CHINCHWAD, PUNE-411 019, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	2)UPADHYAY SHANTANU
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)UPADHYAY SHANTANU
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A regenerative suspension system comprises a coil spring biasedly coupling a suspended portion of the vehicle to an unsuspended portion of said vehicle. There is provided a magneto-motive damping system arranged inside a housing axially coupled to the coil spring and having a linear generator for transforming the linear displacement into electrical energy and simultaneously damping the vertical acceleration. The regenerative suspension system is further provided with a fluid damping system arranged inside the housing and configured to operate at or above a threshold vertical acceleration and is operatively coupled to the magneto-motive damping system. The fluid damping system is provided with a regulator for varying the fluid pressure within the fluid damping system as a function of vertical acceleration acting on the unsuspended portion of the vehicle.

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

#### (19) INDIA

(22) Date of filing of Application :05/03/2015

#### (54) Title of the invention : HYBRID MOVING BED BIOFILM REACTOR

<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>	C02F3/30, C02F1/52 :NA :NA :NA :NA :NA :NA : NA	<ul> <li>(71)Name of Applicant : <ol> <li>Mangesh L. Gulhane</li> <li>Address of Applicant :Department of Civil Engineering, Govt.</li> </ol> </li> <li>College of Engineering, Amravati Maharashtra India <ol> <li>Dr. Nitin W. Ingole</li> </ol> </li> <li>(72)Name of Inventor : <ol> <li>Mangesh L. Gulhane</li> <li>Dr. Nitin W. Ingole</li> <li>Kotangale</li> </ol> </li> </ul>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a device and method for treatment of wastewater using combined treatment comprising of attached growth system, suspended system and MBBR. Following invention is described in detail with the help of Figure 1 of sheet 1 shows the diagram of detailed plan view of the invention and Figure 2 of sheet 1 shows the diagram of longitudinal sectional view of the invention.

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

(19) INDIA

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

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : YEAST BARS: PRESERVATION OF YEAST IN JAGGARY BARS.

<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>	:C12N1/04, C12N1/16 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DR. BORKAR SURESH GOVINDRAO Address of Applicant :HEAD, DEPARTMENT OF PLANT PATHOLOGY, MAHATMA PHULE KRISHI VIDYAPEETH, RAHURI-413722, DIST. AHMEDNAGAR, MAHARASHTRA, INDIA.</li> </ul>
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	1)DR. BORKAR SURESH GOVINDRAO 2)DR. SALI VIKRANT MAHADEO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

Yeast bars are those jaggery bars wherein the yeasts are preserved upto a period of 3 months. The yeast bars can be stored at a lower temperature of 8°C. These jaggery bars are dissolved in 2 % sugar solutions to multiply the yeast population to be used as inoculums for the specified purpose. In our studies we preserve the yeast, having biocontrol activities against the damping off fungal pathogen, in yeast bars. For preparation of yeat bars, 250 gm jaggery was melted in a frying pan on a mild gas flame so as to obtain a semisolid jaggery. This semisolid jaggery mixture was poured on sterilized plates and immediately cut into rectangular bars. A previously prepared concentrated yeast solution (108 CFU/ml) was added on these lookwarm jiggery bars. For 250 gm jaggery bars 20 ml of yeast solution was appropriate. After addition of yeast solution on jiggery bars the plates were incubated at 30°C in BOD incubator for 4 days so as to have yeast growth on the jaggery bars. After 4 days of inoculation these jaggery bars were separated and wrapped into thin wrapping paper and stored at low temperature of 8°C for future use. The yeasts are generally preserved in dehydrated powder form or granular form and no yeast bars are available yet. The yeast bars are new invention and needs patent.

No. of Pages : 11 No. of Claims : 4

#### (22) Date of filing of Application :25/02/2015

#### (43) Publication Date : 10/04/2015

### (54) Title of the invention : HERBICIDAL COMPOUNDS, METHODS OF PREPARATION AND COMPOSITIONS CONTAINING THE COMPOUNDS

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A01N 43/10 :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SHARMA, Rashmi Sanjay Address of Applicant :Chemistry Research Laboratory, Department of Chemistry, B.N. Bandodkar College of Science, Thane (W), Maharashtra, India</li> <li>2)GOSWAMI-GIRI, Anita</li> <li>(72)Name of Inventor :</li> <li>1)SHARMA, Rashmi Sanjay</li> <li>2)GOSWAMI-GIRI, Anita</li> </ul>
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#### (57) Abstract :

The present disclosure provides novel herbicidal compounds of Formula I or the agronomically acceptable salts thereof, their use for controlling weeds and their methods of preparation. The present disclosure further provides herbicidal compositions comprising the compounds of Formula I or the agronomically acceptable salts thereof. The herbicidal compositions comprising the compounds of Formula I or the agronomically acceptable salts thereof are biodegradable, safe for prolonged use, have low phytotoxicity to plants and high phytotoxicity for weeds.

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

(22) Date of filing of Application :14/03/2015

#### (43) Publication Date : 10/04/2015

# (54) Title of the invention : POWER SUPPLY FOR A PERMANENT MAGNET SYNCHRONOUS MOTOR AND METHOD THEREOF PRODYOVIDHI REF.: VBTIT.0011.IN

<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>	:H02P6/00, H02P5/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KAPADIA, Vinesh Address of Applicant :S. N. Patel Institute of Technology &amp; Research Centre(Formally Vidyabharti Trust Institute of Technology &amp; Research Centre) At &amp; Po: Umrakh-394345, Ta: Bardoli, Dist: Surat, Gujarat, India</li> <li>(72)Name of Inventor :</li> <li>1)KAPADIA, Vinesh</li> </ul>
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(57) Abstract :

The present subject matter is a device and method thereof. The device comprises a tuner configured to generate a first signal (Ma, Mb, Mc) based on an effective voltage (Va, Vb, Vc) at an input of a motor and a value (Wm) corresponding to a speed of the motor and a rotor-flux angle (CTr), wherein the first signal (Ma, Mb, Mc) is generated with reference to a reference speed (Wm\_ref) and a reference voltage (GND, Vq\_ref). The device includes a controller configured to generate a control signal based on the first signal (Ma, Mb, Mc) a carrier signal and a derivative carrier signal. The device includes a current source coupled to the input of the motor and the current source is controlled by the control signal.

No. of Pages : 31 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :09/03/2015

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : A DEVICE FOR COMPLETE COMBUSTION OF FUEL IN A VEHICLE.

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:F02M29/06, F02M35/10 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ABHIJEET GURUDAS ABNAVE Address of Applicant :SURVEY NO. 22/4, PLOT NO.5, NEAR BANKAR MALA, CHEHEDI SHIV, SINNAR PHATA,</li> </ul>
(33) Name of priority country	:NA	NASHIK ROAD, NASHIK-422101, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ABHIJEET GURUDAS ABNAVE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a device for realizing complete combustion of fuel thus increasing efficiency of fuel. The device provides simple solution for combustion of fuel in vehicle, particularly motorcycle. The device can be installed externally or can be installed internally along with the machine of motorbike. The device comprises of a chamber, a piston, inlet valve, outlet valve, circular disc, connecting rods, two connectors, DC motor and gear assembly.

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

(22) Date of filing of Application :18/03/2015

(43) Publication Date : 10/04/2015

(54) Title of the invention : METHOD AND EQUIPMENT FOR SAFE OVERTAKING OF THE VEHICLE AT GIVEN DRIVING CONDITIONS.

<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>		<ul> <li>(71)Name of Applicant :</li> <li>1)JIRGE MONISH BIPINCHANDRA Address of Applicant :FLAT NO. 401, GAUTAMI APT, NEAR ZILLA PARISHAD, NAGALA PARK, KOLHAPUR - 416003. Maharashtra India</li> <li>(72)Name of Inventor :</li> <li>1)PATIL ABHIJEET ANANDRAO</li> </ul>
(87) International Publication No	: NA	2)JIRGE MONISH BIPINCHANDRA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The method and equipment used for Safe Overtaking of vehicle at given driving condition. The safe overtaking system allows a vehicle driver to overtake a vehicle in the front with minimum effort. The system reduces the stress by guiding him or her with precise input depending on the conditions of the drive path. The system includes a sensor based input frame work designed to assess the minimum safe speed to overtake. It also guides the drive regarding stationary vehicles in his or her lane as well as the drive. The system would also guide the driver regarding the approaching vehicle from the rear thus reducing the complex task of observing all the three rear view mirrors. The system will also alert the vehicle coming approaching from opposite direction.

No. of Pages : 15 No. of Claims : 3

#### (19) INDIA

(22) Date of filing of Application :16/03/2015

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : SIDE STAND FOR MOTOR CYCLE

(51) International classification:B62H1// B62H1/0(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	TIMUKWADI PIMPKI PIJNE-411055 MAHAKASHIKA
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#### (57) Abstract :

The present subject matter discloses a system for side stand for motorcycle. The system comprises a movable side stand and an actuator attached to the said side stand. The actuator operates to rotate the side stand between an up position and a down position. The actuator is actuated by a manually operated switch mounted on a handlebar of a motorcycle.

No. of Pages : 11 No. of Claims : 8

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :23/03/2015

(43) Publication Date : 10/04/2015

(54) Title of the invention : POWER GENERATION FROM ROTATIONAL MOTION OF CEILING FAN OR ROTATING SURFACE

#### (57) Abstract :

The conventional energy sources in the world are limited, so there is a need to save energy and minimize the utilization of available energy in proper manner by recycling them with some other alternatives. Unfortunately, the generation of power is not increasing at a speed at which consumption of power is increasing. Our solution to this problem is, converting the ceiling fans rotational motion i.e. mechanical energy to electrical energy. This is basically an energy recycle process. By using our mechanism, fan can generate more than 15-20 Watt power which is enough to power up 3-4 LED bulbs and so many other electronic appliances. This harvested power is amplified using different combinations of amplifying circuits. Also by using this alternative we can reduce the pollution as we are saving the conventional electricity by harvesting it. We have used simple frictional motion assembly to transform ceiling fans rotational fans rotational motion to electrical energy. We used Pro-engineer software for designing, NI Multisim software for simulation of the circuit and Reverse engineering technique to achieve this solution for the said problem .

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

#### (19) INDIA

(22) Date of filing of Application :09/03/2015

#### (54) Title of the invention : OFFLINE AIR COOLED HYDRAULIC OIL COOLING UNIT WITH FILTRATION

(51) International classification:F16H(51) International classification57/04F15B:NA(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NAFiling Date:NA	4, 1)PASL WINDTECH PVT. LTD. Address of Applicant :PLOT NO. 34-35, PHASE I, GIDC, VATVA, AHMEDABAD-382445, GUJARAT STATE, INDIA (72)Name of Inventor : 1)JAVERI ABHISHEK KAMALNAYAN
(62) Divisional to Application Number :NA Filing Date :NA	

#### (57) Abstract :

The system is useful for OFFLINE Oil cooling and filtration in any Hydraulically driven machine. It can be operative irrespective of Main machine in running condition. Depending upon weather condition ON -OFF cycle for the air cooling, Oil Pre heating can be set through PLC to achieve / maintained optimum oil temperature. Oil gets 10 Micron filtration continuously, enhances working life of OIL and in longer run reduces cost of replacement of OIL. As scaling problem associated with WATER is totally eliminated the, system is maintenance free and efficient cooling and filtration system compared to presently used ONLINE water cooled oil cooling and Filtration system.

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

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :25/03/2015

(43) Publication Date : 10/04/2015

### (54) Title of the invention : CONTROL CIRCUIT OF ELECTRICALLY OPERATING MECHANISM FOR 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>(34) Name of priority country</li> </ul>	H02P1/54 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Larsen &amp; Toubro Limited Address of Applicant :L &amp; T House, Ballard Estate, P.O. Box No. 278, Mumbai 400 001, Maharashtra, India</li> <li>(72)Name of Inventor :</li> </ul>
(86) International Application No	:NA	1)V. Srinath
Filing Date	:NA	2)S. Ravi Shankar
(87) International Publication No	: NA	3)P. Karuppasamy
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The present disclosure relates to a control circuit of an electrically operating mechanism (EOM) for changeover switches where the control circuit is used for controlling electrical supply to control rotation/movement of motor. In an aspect, the present disclosure relates to a control circuit for controlling electrical supply to a motor for controlled braking of the motor, wherein the control circuit includes a first capacitor (C1) that is charged while a first relay (R1B) that enables rotation of the motor in a first direction is energized, wherein when the motor is to be instantly stopped, a second relay (R2B) is energized while the first capacitor (C1) is discharged to enable the motor to rotate in a second direction and thereby coming to a standstill.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :12/03/2015

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : SHEET METAL RACK ASSEMBLY FOR WITHDRAWABLE SWITCHING 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 Number</li> </ul>	:H02B11/12, H02B1/36, H02B11/133 :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>Larsen &amp; Toubro Limited</li> <li>Address of Applicant :L &amp; T House, Ballard Estate, P.O. Box</li> </ol> </li> <li>No. 278, Mumbai 400 001, Maharashtra, India</li> <li>(72)Name of Inventor : <ol> <li>PATEL, Kevin</li> <li>PARMARTHI, Amogh</li> </ol> </li> </ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract :

The present disclosure relates to racking assembly for withdrawable switchgear devices having a moving module that can be removably inserted into a fixed module wherein a rack is formed from sheet metal by performing one or more combinations of bending, punching and welding of sheet metal. Use of sheet metal strengthens the rack and the method further ensures minimum wear by providing chamfered slots for pinion teeth to engage with the rack, welded nut to engage power screw and providing minimum contact surface area between the rack and base plate to reduce friction losses.

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

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

(43) Publication Date : 10/04/2015

# (54) Title of the invention : GADGET WITH REGISTERED OPERATING SYSTEM EMBEDDED ON FLASH STORAGE & INTEGRATED WITH MOBILE PROJECTING 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G03B21/26, G06F3/02 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GIRISH SHRIKRISHNA PRABHU Address of Applicant :THE GRACE APT. 2ND FLOOR FLAT NO. 203, COSMOPOLITAN HSG. SOC. ITI ROAD AUNDH, PUNE 411007, MAHARASHTRA, INDIA</li> <li>(72)Name of Inventor :</li> <li>1)GIRISH SHRIKRISHNA PRABHU</li> </ul>
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#### (57) Abstract :

A system with registered operating system embedded on Flash storage and integrated with mobile projecting unit having the ability to process, project, store and transmit registered data using various networking carriers to connect on for peer to peer technology for blended learning, mass education and edutainment comprising of registered data projection unit, registered data processing & storage unit, power distribution unit with power adapter, airflow controller, networking components for receiving registered data online and the system provides for all the functions of an internet enabled edutainment gadget; storage enabled processing gadget, large image display, audio-video gadget, and a data projector for registered data in a sole mobile enclosure.

No. of Pages : 42 No. of Claims : 8

(21) Application No.4053/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : BIOFUEL PELLET BASED COOK STOVE WITH VARIABLE SIZES AND AUTOMATION

(51) International classification	:F23N 1/04	(71)Name of Applicant : 1)ABELLON CLEANENERGY LIMITED
(31) Priority Document No	:NA	Address of Applicant :10TH FLOOR, SANGEETA
(32) Priority Date	:NA	COMPLEX, NR. PARIMAL RAILWAY CROSSING,
(33) Name of priority country	:NA	ELLISBRIDGE, AHMEDABAD-380 006, GUJARAT STATE,
(86) International Application No	:NA	INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PATEL PANKAJ KANTIBHAI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The present invention is related to cooking stove and method of operating to obtaining eco-friendly, noiseless, smokeless operation with high efficiency. Stove has unique refractoryless combustion chamber with arrangement of secondary hole (5 mm, 6 mm) in descending orders. The stove assembly equipped with two galvanized layer, outer stainless steel layer contain special went for passive cooling. Primary and secondary air supply is respectively from bottom holes on grate and series of lateral holes at top of combustion chamber through an air box propelled by high speed electric fan at air inlet duct with 45° angle. The fan speed is controlled precisely and has in-built battery backup for uninterrupted stove operation during power failure. The control panel has mechanism for speed variation with voltage display, display panel for voltage and with charging indication, radio player with channel and volume keys, USB port for mobile charging and music and additional point for connecting external battery source. An air supply from air box create turbulence effect which contributes complete combustion with bright & sharp flame and no blackening of cooking vessel. Invention represent unique customized design for smokeless, noiseless and environmental friendly operation for all types of cooking, frying, boiling, baking etc. The cook stove is compatible with variety of fuel pellets made-up from virgin and processed biomass with ash content 1 wt % to 20 wt% and diameter/length up to 10mm/50mm respectively.

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

#### (19) INDIA

(22) Date of filing of Application :19/02/2015

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : A GRAVITY BASED FREE FALL ELECTRICAL POWER 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 Number Filing Date</li> </ul>	F03B17/04 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)CHAUDHARY, SAURABH VIKAS Address of Applicant :134, Near Swaminarayan Temple, Savda Taluk: Raver, Distt. Jalgaon (Maharashtra) - 425502 Maharashtra India</li> <li>(72)Name of Inventor :</li> <li>1)CHAUDHARY, SAURABH VIKAS</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA :NA	
Thing Date	.111/1	

(57) Abstract :

The present invention discloses a gravity based electric power generator. The electrical power generation comprises falling of the weight under gravity and continues free motion till 200° from the initial position. The rotation of the pushing wheel is provided through the induction motor. The pushing wheel pushes the weight to  $20^{\circ}-50^{\circ}$  allowing it complete a full rotation and start next rotation. The rotation of the weight alongwith the crank rod results in rotation the first shaft. The rotation of the first shaft rotates the first driver pulley resulting in rotation of the second driver pulley keyed to output shaft of the alternator. The electrical power is generated due to the rotation of the output shaft of the alternator.

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

#### (19) INDIA

(22) Date of filing of Application :14/12/2014

#### (43) Publication Date : 10/04/2015

(54) Title of the invention : TWO - STAGE POWE	R AMPLIFIER	
(51) International classification	H03F3/30	(71)Name of Applicant : 1)Sardar Vallabhbhai National Institute of Technology
(31) Priority Document No	:NA	Address of Applicant :SVNIT Campus, Ichchhanath, Surat,
(32) Priority Date	:NA	Gujarat, India-395007 Gujarat India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Vishakha Purnanand Bhale
Filing Date	:NA	2)Dr. Upena Devang Dalal
(87) International Publication No	: NA	3)Dr. Rajendra M. Patrikar
(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 two stage radio frequency power amplifier. The stages are cascaded which include inductive shunt peaking on the first stage and common source with resistive feedback on the second stage. The power amplifier uses optimum number of radio frequency components making design simple and also utilizing minimal area of silicon chip. The power amplifier operates in 3.0-7.0 GHz ultra wide band with the lowest gain ripple of  $\pm 0.3$  dB for class AB operation. The cascaded stages without current reusing achieves good input matching, good efficiency, excellent gain flatness over 3.0-7.0 GHz and low direct current consumption.

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

#### (22) Date of filing of Application :09/01/2015

#### (43) Publication Date : 10/04/2015

### (54) Title of the invention : SYSTEM FOR CONTINUOUS FEEDING AND DISCHARGING OF SOLID MATERIAL TO AND FROM A VESSEL OPERATING UNDER HIGH PRESSURE

<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>	:B01D 36/00 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Deven Supercriticals Pvt. Ltd. Address of Applicant :16, Phatak Baug, Navi Peth, Pune- 411030, India. Maharashtra India</li> <li>(72)Name of Inventor :</li> <li>1)Swapneshu Baser</li> </ul>
Filing Date	:NA :NA	1)Swapnesnu Baser
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A continuous feeding and discharging system for solid material under high pressure is provided. The system includes a feeding assembly, a high pressure vessel, and a discharging assembly. The feeding assembly includes a raw material hopper that feeds solid raw material, a CO2 feeder that feeds dry ice, and a mixer that mixes the solid raw material with the dry ice to form an impermeable mixture. The high pressure vessel performs an extraction process under a supercritical condition to extract soluble components from the solid raw material. The discharging assembly includes a discharging extruder that receives the solid residue discharged from the high pressure vessel, a binder liquid feeder that feeds binder liquid to mix with the solid residue to form a uniform mixture and compacts the mixture to form impermeable pellets of residue, and a discharging valve that discharges the impermeable pellets of residue from the discharging extruder.

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

(22) Date of filing of Application :24/03/2015

(43) Publication Date : 10/04/2015

(54) Title of the invention : A PORTABLE GRINDING FIXTURE FOR REGRINDING OF SINGLE POINT CUTTING TOOL OF LATHE 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> <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>	:B24B5/00, B24B5/46 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MR. PARIMAL VIKAS GUNDAWAR Address of Applicant :PIMPRI CHINCHWAD COLLEGE OF ENGINEERING, SECTOR 26, PRADHIKARAN NIGDI, PUNE- 411044, MAHARASHTRA STATE. Maharashtra India</li> <li>2)MR. AKASH SUNIL GANGANE</li> <li>(72)Name of Inventor :</li> <li>1)MR. PARIMAL VIKAS GUNDAWAR</li> <li>2)MR. AKASH SUNIL GANGANE</li> </ul>
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#### (57) Abstract :

A system for regrinding the single point cutting tool of Lathe Machine, the said system uses a combination of Block along with LM guides, clamps, base plate, motor, battery, rack and pinion and screws, the said block is required to be mounted on LM guides, the said rack and pinion is to be fixed on block and motor respectively, the said motor fixed on base plate will transfer motion to block through rack and pinion, the motion of block is controlled by the switch, the amount of force required for grinding is controlled by motion of block towards grinding wheel. The said setup is able to provide exact angles on tool, the overall cost of installing this system is about Rs. 7000/-.

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

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 10/04/2015

(54) Title of the invention : CREATION OF INTERNET BASED NETWORK BETWEEN FARMERS VENDORS AND CONSUMERS.

(51) International classification	:G06Q99/00, G06F17/30	(71)Name of Applicant : 1)Vishal Balkrishna Jadhav
(31) Priority Document No	:NA	Address of Applicant :At/Post-Kawathe, Tal-Wai, Dist-Satara,
(32) Priority Date	:NA	State-Maharashtra, India-415516 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Vishal Balkrishna Jadhav
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 :

Internet based network (online-agro-network) among farmers, vendors and consumers consists of following novel features. 1. Way to establish internet based connectivity between various entities in agro-business like farmers, vendors and consumers. 2. Way to create information management system, which deals with managing, consolidating, validating, propagating information collected from various entities in agro-business like farmers, vendors and consumers. 3. Way to access, update information from information management system (IMS) of online-agro-network.

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

#### (22) Date of filing of Application :25/02/2015

#### (43) Publication Date : 10/04/2015

# (54) Title of the invention : INTELLIGENT DIAGNOSIS OF EPILEPSY USING A HYBRID THREE-LEVEL WAVELET DECOMPOSITION AND NEURAL NETWORK BASED APPROACH

1/36 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Sanjay Vasant Dudul Address of Applicant :Professor and Head, Post Graduate Dept of applied Electronics, Sant Gadge Baba Amravati university, Amravati Maharashtra. Maharashtra India</li> <li>2)Pravin Ambadas Kharat</li> <li>(72)Name of Inventor :</li> <li>1)Semian Vasant Dudul</li> </ul>
:NA	(72)Name of Inventor :
: NA	1)Sanjay Vasant Dudul
:NA	2)Pravin Ambadas Kharat
:NA	
:NA	
:NA	
	1/36 :NA :NA :NA :NA :NA :NA :NA :NA

#### (57) Abstract :

Epilepsy is one of the most common disorders of the brain. Now a days, identification and diagnosis of epilepsy is accomplished manually by skilled neurologists, who are very rare. We propose a technique for developing intelligent decision support system for the diagnosis of epilepsy from recorded of EEG signals of patients, which results into automatic detection of normal, interictal and ictal conditions. We used three-level Db2 discrete wavelet transform for decomposition followed by statistical features extraction. The classifiers based on Generalized Feed Forward Neural Network (GFFNN), Multilayer Perceptron (MLP) and Support Vector Machine (SVM) are used for the diagnosis of epilepsy. Sensitivity analysis is used for dimensionality reduction of the input features space. The performance of the proposed system is evaluated in terms of classification accuracy, sensitivity, specificity and overall accuracy on cross-validation as well as testing datasets. Following invention is described in detail with the help of figure 2 of sheet 1 showing the detailed working of proposed ANN based classifier

No. of Pages : 26 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :21/04/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : PROCESS FOR PRODUCTION OF SUBSTITUTED PHENOLS FROM SUBSTITUTED ANILINES.

(51) International classification	:C07C 39/235,	(71)Name of Applicant : 1)DEEPAK NITRITE LIMITED
	C07C209/00	
(31) Priority Document No	:NA	VADODARA, GUJARAT -390007 Gujarat India
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)H.B. PANCHOLI
(86) International Application No	:NA	2)R.P.UGHADE
Filing Date	:NA	3)S. A. SADAPHAL
(87) 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 process for preparing substituted phenol by in-situ diazotization and hydrolysis of substituted aniline.

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

#### (19) INDIA

(22) Date of filing of Application :03/09/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : PELLET BURNER AND A METHOD OF OPERATING

<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>	F23H7/18, F23K3/14 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ABELLON CLEANENERGY LIMITED Address of Applicant :10TH FLOOR, SANGEETA COMPLEX, NR. PARIMAL RAILWAY CROSSING, ELLISBRIDGE, AHMEDABAD-380 006, GUJARAT, INDIA</li> <li>(72)Name of Inventor :</li> <li>1)PATEL PANKAJ KANTIBHAI</li> </ul>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The present invention is related to a fuel pellet consuming industrial pellet burner and a method of operating the industrial pellet burner. The present invention provides the industrial pellet burner compatible with all types of fuel pellets with pellet dia up to 10 mm, length up to 50 mm, ash up to 20 % and standard operating procedure to achieve high efficiency and better heat exchange capacity. Invention provide innovative use of fuel pellet in gasifier burner which replace gas and oil burner from existing heat systems. Air feeding is the most critical parameter for complete combustion. In present invention secondary air is directing through sandwich shell to provide sufficient cooling at outer shell of chamber and arrangement of air holes at pellet feeding point on combustion chamber which acts as air curtain to minimize the chances of back fire or back smoke at fuel feeding system. Provision of sliding grate system for intermediate ash/slag removal and continuous pellet feeding, increases suitability for continuous load base applications.

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

#### (19) INDIA

(22) Date of filing of Application :05/03/2015

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : ARTIFICIAL TIDAL WETLAND SYSTEM FOR TREATMENT OF DOMESTIC WASTEWATER

<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>	C02F3/34 :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Mangesh L. Gulhane <ul> <li>Address of Applicant :Department of Civil Engineering, Govt.</li> </ul> </li> <li>College of Engineering, Amravati Maharashtra India <ul> <li>2)Dr. Nitin W. Ingole</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)Mangesh L. Gulhane</li> <li>2)Dr. Nitin W. Ingole</li> </ul> </li> </ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to an a method and system for the construction of artificial wetland systems for the treatment of wastewater by using plants and a combination of naturally occurring biological, chemical and physical processes to remove pollutants from the water. Following invention is described in detail with the help of Figure 1 of sheet 1 shows the diagram for the Plan view and Figure 2 of sheet 1 shows the diagram for longitudinal section view

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

(21) Application No.1313/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :17/03/2015

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : SYSTEM AND METHOD FOR IMPROVING VIEWING EXPERIENCE ON A DIGITAL 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)WIPRO LIMITED Address of Applicant :Doddakannelli, Sarjapur Road, </li> <li>Bangalore 560035, Karnataka, India. </li> <li>(72)Name of Inventor : <ol> <li>1)RAGHAVENDRA HOSABETTU</li> <li>2)KIRAN KUMAR CHANNARAYAPATNA</li> </ol> </li> <li>SATHYANARAYANA <ol> <li>3)PARTHASARATHY ARMUGASAMY</li> </ol> </li> </ul>
Filing Date	:NA	

(57) Abstract :

This disclosure relates to system and method for improving viewing experience of a user on a digital device. In one embodiment, a method is provided for improving viewing experience of a user on a digital device. The method, at a first instance, comprises determining a plurality of first vision parameters for two or more viewing positions based on a plurality of first sensor parameters and a plurality of viewing experiences of the user for the two or more viewing positions, deriving a base viewability index based on the plurality of first vision parameters for the two or more viewing positions, and creating a user profile comprising the base viewability index of the user. The method, at a subsequent instance, further comprises determining a plurality of subsequent vision parameters for a current viewing position based on a plurality of subsequent sensor parameters for the current viewing position and attributes of a digital content, deriving a dynamic viewability index based on the plurality of subsequent vision parameters for the current viewing position, and dynamically adjusting display settings based on a comparison between the dynamic viewability index and the base viewability index, and presenting the digital content to the user based on the adjusted display settings.

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

(21) Application No.1314/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :17/03/2015

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : DYNAMIC JAVA MESSAGE SERVICE EMULATOR (51) International classification :G06F (71)Name of Applicant : (31) Priority Document No **1)WIPRO LIMITED** :NA Address of Applicant :Doddakannelli, Sarjapur Road, (32) Priority Date :NA (33) Name of priority country Bangalore 560035, Karnataka, India. :NA (72)Name of Inventor : (86) International Application No :NA Filing Date :NA **1)ABHISHEK KUMAR TANWAR** (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

This disclosure relates generally to systems integration testing (SIT), and more particularly to dynamic java message service emulator. In one embodiment, non transitory computer-readable medium storing computer-executable trend analysis instructions is provided. The instructions may include instantiating, via one or more hardware processors, a dynamic enterprise java bean. The instruction may also include receiving, via the one or more hardware processors, a request at the dynamic enterprise java bean. The instruction may include generating, via the one or more hardware processors, a query for business rules based on the request. Additionally, the instructions may include configuring, via the one or more hardware processors, the dynamic enterprise java bean using the business rules. The instructions may further include processing, via the one or more hardware processors, the request using the configured dynamic enterprise java bean to generate a response.

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

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :24/03/2015

(43) Publication Date : 10/04/2015

(54) Title of the invention : SYSTEM AND METHOD FOR DYNAMICALLY ADJUSTING HOST LOW POWER CLOCK FREQUENCY

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VIJAY KUMAR KODAVALLA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This disclosure relates generally to a host-peripheral interface, and more particularly to system and method for dynamically adjusting a low power clock frequency of a host device upon detecting coupling of a peripheral device to the host device. In one embodiment, a method is provided for dynamically adjusting a low power clock frequency of a host device. The method comprises dynamically determining an initial frequency of a low power clock of the host device at which a low power link between the host device and a peripheral device is operational, computing a low power clock frequency range of the host device based on the initial frequency of the low power clock frequency range, and adjusting the low power clock frequency to a typical frequency of the low power clock frequency range based on the assessment.

No. of Pages : 38 No. of Claims : 22

(22) Date of filing of Application :13/03/2015

(43) Publication Date : 10/04/2015

# (54) Title of the invention : METHODS AND SYSTEMS FOR PREDICTING ERRONEOUS BEHAVIOUR OF AN ENERGY ASSET USING FOURIER BASED CLUSTERING TECHNIQUE

(51) International classification	:g06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BABURAJ KAIMALILPUTHENPURA PRABHA
(87) International Publication No	: NA	2)JOY BANERJEE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This disclosure relates generally to predicting health of an energy asset, and more particularly to methods and systems for predicting erroneous behavior of an energy asset using fourier based clustering technique. In one embodiment, a method for determining predicting erroneous behavior of an energy asset is disclosed. The method includes creating one or more energy signatures by performing frequency domain analysis on historical energy data and subsequent clustering of the energy signatures. Further, live energy data is filtered to generate filtered outputs wherein each of the filtered outputs is mapped to a respective cluster. The outlier cluster is identified to predict the erroneous behavior of the energy asset

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

(19) INDIA

(22) Date of filing of Application :13/03/2015

(43) Publication Date : 10/04/2015

### (54) Title of the invention : AN INTEGRATED AMBIENT AIR QUALITY SYSTEM (51) International classification :G01N (71)Name of Applicant : (31) Priority Document No 1)KOTHA SURYA :NA (32) Priority Date Address of Applicant :504. City Towers, Lakshmipuram, 4th :NA (33) Name of priority country Lane, Guntur-522007, Andhra Pradesh, India. :NA (86) International Application No (72)Name of Inventor : :NA 1)SURESH KUMAR SADASIVAN 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 embodiment of the present disclosure is directed towards an integrated system for monitoring ambient air quality. The integrated system includes a respirable dust air sampler, a high volume air sampler, a first suction brush less blower, a fine dust air sampler, a gaseous sampler, a second suction brush less blower, a weather station, a general packet radio service unit and a monitoring unit. The monitoring unit used to monitor the speed of the ambient air, direction of the ambient air, ambient temperature, relative humidity, respirable dust air sampler, differential pressure of the respirable dust air sampler flow rate, differential pressure of the high volume sampler, fine dust air sampler flow rate, fine dust air sampler filter temperature and latitude and longitude of the ambient air through a data logging unit.

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

# (19) INDIA

(22) Date of filing of Application :05/01/2015

(54) Title of the invention : PDM 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G06Q :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BHARATH UNIVERSITY <ul> <li>Address of Applicant :173, AGHARAM ROAD, SELAIYUR,</li> <li>CHENNAI - 600 073 Tamil Nadu India</li> <li>(72)Name of Inventor :</li> <li>1)DR. X. CHARLES</li> <li>2)PARTHA S CHAKRABORTHY</li> <li>3)K. MALLIGA</li> <li>4)DR. J. HAMEED HUSSAIN</li> </ul> </li> </ul>

(57) Abstract :

The invention relates to a device integrating with people, process, machine and computers for product data management during the lifetime of a manufacturing product. This Web portal PDM device is used to keep production and product data available on an electronic product pass during purchasing, manufacturing, quality, assembly, servicing, and recycling, in compliance with the requirements of the quality systems. Compatibility with quality systems such as ISO standards is ensured.

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

(22) Date of filing of Application :13/02/2015

(43) Publication Date : 10/04/2015

(54) Title of the invention : SMART HOME DOORBELL SYSTEM WITH INTEGRATED UNIFIED COMMUNICATION PLATFORM

<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>	:NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)IYER RAMACHANDRAN Address of Applicant :201 Ark Villa, Whitefield, Kondapur, Hyderabad, Telangana 500084, INDIA Telangana India</li> <li>2)PRATEEK ABHINANDAN</li> <li>(72)Name of Inventor :</li> </ul>
(87) International Publication No	: NA	1)IYER RAMACHANDRAN
(61) Patent of Addition to Application Number	:NA	2)PRATEEK ABHINANDAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to smart home doorbell system with integrated unified communication platform with display making it a smart unified communication end-point which is integrated with hybrid mode media (audio & video) served in a smart and predictable fashion based on available network capacity, by mixing voice (coming over UDP) and Video (coming over TCP) coming from two different communication cloud servers. It comprise of Smart Home Doorbell (1); motion detection sensor with time; temperature sensor; and humidity sensor; digital display, Wifi router (2); Internet enabled smart device (4); 3rd party Smart Cloud (5), Smart Home Cloud (6); PCB with electronic circuitry having multiple i/o, multiple USB ports which uses the micro-USB interface for powering the device, and flash drive to power the software. It can be rendered on any smart device either individually or together, any number of times and from anywhere at any point in time and also shareable with any number of people.

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

## (22) Date of filing of Application :01/07/2014

### (43) Publication Date : 10/04/2015

### (54) Title of the invention : TEMPERATURE CONTROLLED AUTOMATIC HOT AND COLD WATER MIXING SYSTEM FOR HUMAN COMFORT

(51) International classification	:F24H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :173, Agharam Road, Selaiyur, Chennai
(33) Name of priority country	:NA	600 073. Tel : 044-22290742 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Dr. X.Charles
(87) International Publication No	: NA	2)Dr.J.Hameed Hussain
(61) Patent of Addition to Application Number	:NA	3)R.J.Golden Renjith Nimal
Filing Date	:NA	4)Michael Roger Naveen
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

This temperature controlled automatic hot and cold water mixing system is useful for our day today life. Nowadays we are using geyser technology for hot water system. In this geyser technological system we can fix one particular system in geyser. We are not able to change the temperature of output water from the geyser hot water tap. Suppose we want lower temperature water during the flow of geyser hot water, we have to mix with the cold/plain water separately in manual tap system. But in this invented temperature controlled automatic hot and cold water mixing system, we can vary the temperature depending on our needs. Based on this temperature, the cold water mixes with hot water automatically.

No. of Pages : 9 No. of Claims : 2

(22) Date of filing of Application :12/03/2015

## (43) Publication Date : 10/04/2015

# (54) Title of the invention : COMPUTER IMPLEMENTED METHODS AND SYSTEM FOR TRADING KEYWORD(S) AND MANAGING REVENUE IN A SEARCH NETWORK

(51) International classification	G06F	(71)Name of Applicant :
	NA	1)RASHMIT GUPTA
	NA	Address of Applicant :# 1708, Road No.12, Banjara Hills,
		Hyderabad-500034, Telangana, India.
	NA	2)VISHAL GUPTA
• •		
6		
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8		
	NA	
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	NA NA NA NA NA NA	<ul><li>(72)Name of Inventor :</li><li>1)RASHMIT GUPTA</li><li>2)VISHAL GUPTA</li></ul>

(57) Abstract :

Exemplary embodiments of the present disclosure are directed towards a computer implemented method comprising enabling a user to search for at least one keyword available for buying by inputting the at least one keyword. The method includes displaying the at least one keyword available for buying in response to the user inputting the at least one keyword, whereby the at least one keyword available for buying associated with at least one of: pricing raging from a minimum value to a maximum value or a fixed pricing and selecting the at least one keyword available for buying. The method also includes initiating an online payment for buying the at least one keyword.

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

(19) INDIA

(22) Date of filing of Application :13/03/2015

(57) Abstract :

The Artificial hand, designed here is an electro hydraulically driven prosthetic hand having seventeen degrees of mobility almost similar to that of a natural human hand. This can be used as a substitute for the one who has lost his fore-arm or as a hand for a humanoid robot. This arm is designed for a set of specific holding operations defined by separate set of programs stored in a remote computer and operated through voice control and through an in-built microcontroller assisted by a remote computer via a set of ZigBee devices.

No. of Pages : 21 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :18/03/2015

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : SOLAR THERMAL POWER DRIVEN SYSTEM AND METHODS EMPLOYED THEREOF (51) International classification :F04B (71)Name of Applicant : (31) Priority Document No 1)CH SURYAPRAKASH :NA (32) Priority Date Address of Applicant :404, Vijaya Residency, Kukatpally, :NA Hvderabad, Telangana, India. (33) Name of priority country :NA (86) International Application No 2)L V RAMPRASAD :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA 1)CH SURYAPRAKASH (61) Patent of Addition to Application Number :NA 2)L V RAMPRASAD Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

### (57) Abstract :

Exemplary embodiments of the present disclosure are directed towards solar thermal power driven system. The system includes a circulation tank, a liquid pump, a water tank, a condenser bank, non-return valves, solenoid valves, solar panels configured to intake working fluid from the liquid pump and absorbs solar energy to convert liquid working fluid into vapour and transfer into the circulation tank through the solenoid valves and the liquid working fluid from the bottom of circulation tank return back to the solar panels through the non return valves. The system further includes super heat panels for receiving high pressure vapour from the circulation tank and enable the high pressure superheated vapour enter into the double diaphragm pump through the valves used to move the diaphragms, whereby the movement of the diaphragms causes suction from the water well and discharge of water into the water tank and the expanded working fluid in vapour form reject heat to water in the water tank through the condenser bank and gets liquefied, an oil reservoir attached to the double diaphragm pump and the movement of diaphragms sucks oil from the oil reservoir and deliver the pressurized oil to the hydraulic motor to generates shaft power, and generator coupled to the hydraulic motor for converting shaft power to electric power.

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

(19) INDIA

(22) Date of filing of Application :27/02/2015

(43) Publication Date : 10/04/2015

# (54) Title of the invention : PARALLEL PLATE CAPACITIVE TRANSFORMER

(51) Tedamadian al ala asiGardian	.1101F	
(51) International classification	:H01F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)S. VIGNESH
(32) Priority Date	:NA	Address of Applicant :NO.2/141, SENTHIL NAGAR,
(33) Name of priority country	:NA	ADHANOOR, MADAMBAKKAM POST, URAPPAKKAM-
(86) International Application No	:NA	603202 Tamil Nadu India
Filing Date	:NA	2)VARUN. M.J
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)S. VIGNESH
Filing Date	:NA	2)VARUN. M.J
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The Parallel plate capacitive transformer is a dual to the inductive transformer. The parallel plate capacitive transformer has parallel plate capacitors in primary and secondary circuits placed in a common electric field similar to primary and secondary coils coupled by magnetic field. Since the primary and the secondary circuits are capacitive, only displacement current exists. Therefore the copper loss and iron core losses are eliminated and the frequency response is improved and this increases the efficiency of the Parallel plate capacitive transformer compared to the inductive transformer.

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

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

### (43) Publication Date : 10/04/2015

# (54) Title of the invention : FACILE SYNTHESIS OF NISE: ZN NANOPARTICLES BY METHOD VARIATION AND THEIR MORPHOLOGICAL STUDIES

(51) International classification	:C01G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. A. JAFAR AHAMED
(32) Priority Date	:NA	Address of Applicant : ASSOCIATE PROFESSOR, PG &
(33) Name of priority country	:NA	RESEARCH DEPARTMENT OF CHEMISTRY, JAMAL
(86) International Application No	:NA	MOHAMED COLLEGE (AUTONOMOUS),
Filing Date	:NA	TIRUCHIRAPALLI - 620020 Tamil Nadu India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. A. JAFAR AHAMED
Filing Date	:NA	2)MRS. M. SASTHA BEGUM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract :

In this work, we have taken an attempt to synthesize Zn doped NiSe using two different modes - one using the reducing agent hydrazine hydrate at 100°C with PVP as capping agent and the other using PVP only at room temperature. We have also taken an attempt to study the effect of the modes on the size, morphology and fluorescence properties. EDX analysis confirms the presence of the elements Ni, Se and Zn. SEM and XRD revealed that the particle size and shape is greatly influenced by the mode of synthesis, which in turn attributed to the effect of temperature and use of reducing agent hydrazine hydrazine hydrate. Honey comb like structure of NiSe:Zn was obtained by hydrothermal process, whereas, perfect cubic and mono clinic crystals were obtained by co-precipitation process. Possible mechanism for the formation of different shape crystals is also explained. PL spectra revealed that conductivity of NiSe is enhanced by doping with zinc. There is no observable difference noticed in conductivity by adopting the different modes of synthesis.

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

# (19) INDIA

(22) Date of filing of Application :24/02/2015

### (54) Title of the invention : SYSTEMS AND METHODS FOR ERROR HANDLING (51) International classification :G06F (71)Name of Applicant : (31) Priority Document No **1)WIPRO LIMITED** :NA Address of Applicant :Doddakannelli, Sarjapur Road, (32) Priority Date :NA (33) Name of priority country Bangalore 560035, Karnataka, India. :NA (72)Name of Inventor : (86) International Application No :NA Filing Date :NA **1)ARJUN KUMAR RAO** (87) 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 :

Systems and methods for performing error handling in ERP systems are disclosed. In one implementation, the method comprises receiving processed jobs data from at least one of the ERP systems. Further, the method comprises analyzing the processed jobs data to determine error data associated with one or more errors occurred while processing jobs in the at least one of the ERP systems. Further, the method comprises executing at least one corrective action to rectify the one or more errors based on the error data. Further, the method comprises tracking processing of the jobs in the at least one of the ERP system upon executing the at least one corrective action. Further, the method comprises performing one or more trigger actions to improve performance of the jobs based on the tracking.

No. of Pages : 24 No. of Claims : 15

(22) Date of filing of Application :26/06/2014

### (43) Publication Date : 10/04/2015

# (54) Title of the invention : INNOVATIVE PROCESSING TECHNOLOGY FOR THE PRODUCTION OF CARDANOL FROM CASHEW NUT SHELL LIQUID (CNSL)

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:C07C(71)Name of Applicant ::NA1)BHARATH UNIVERSITY:NAAddress of Applicant :173, Agharam Road, Selaiyur, Chenna:NA600 073. Tamil Nadu India:NA(72)Name of Inventor ::NA1)Dr.F.Emerson Solomon: NA2)Dr. Kathir Viswalingam:NA:NA:NA:NA:NA:NA
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(57) Abstract :

Innovative processing technology for the production of Cardanol from Cashew Nut Shell Liquid (CNSL) The invention relates to a process for high yield of Cardanol from Cashew Nut Shell Liquid (CNSL). The present process affords high yields of Cardanol.

No. of Pages : 5 No. of Claims : 3

(22) Date of filing of Application :26/06/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : INNOVATIVE METHOD FOR THE PRODUCTION OF OXALIC ACID FROM SUGARCANE MOLASSES

(51) International classification	·b01D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :173, Agharam Road, Selaiyur, Chennai
(33) Name of priority country	:NA	600 073. Tel : 044-22290742 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Dr. Kathir Viswalingam
(87) International Publication No	: NA	2)Dr.F.Emerson Solomon
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An innovative method for the production of oxalic acid from sugarcane molasses by oxidation with nitric acid in presence of dehydrant and catalyst with or without the presence of catalyst promoters is disclosed.

No. of Pages : 5 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :01/07/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : BALLOON BOX SYSTE	EM	
<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)BHARATH UNIVERSITY Address of Applicant :173, Agharam Road, Selaiyur, Chennai </li> <li>600 073. Tel : 044-22290742 Tamil Nadu India</li> <li>(72)Name of Inventor : 1)Dr. X.Charles </li> <li>2)Dr.J.Hameed Hussain 3)R.J.Golden Renjith Nimal </li> <li>4)Michael Roger Naveen</li> </ul>

(57) Abstract :

An Innovative security system which is used to alert vehicles travelling at high speed, when they are approaching an accident crash site ahead of 1 km from the site. This can also be used in times of emergency as a signal for help. This invention depends on Accident sensor which is nothing but a force sensor. This Force sensor senses the vibration that occurs during the accident and the output is given to FM transistor. The modulated signal is then given to a FM modulator. At the Receiver side the modulated signal gets demodulated by using FM demodulator. The demodulated signal is then given to FSK demodulator. The final output signal is then given to a relay and alarm circuits.

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

# (19) INDIA

(22) Date of filing of Application :19/02/2015

(43) Publication Date : 10/04/2015

# (54) Title of the invention : AN AEROPLANE MULTIPURPOSE WING STABILITY SYSTEM

(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASHOK KUMAR BHUKYA
(32) Priority Date	:NA	Address of Applicant : C/o Vishnu Naik, Peddathanda Village,
(33) Name of priority country	:NA	Gundrathi Madugu Post, Kurai Mandal, Warangal Dist,
(86) International Application No	:NA	Telangana-506101, India. Telangana India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ASHOK KUMAR BHUKYA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

Exemplary embodiment of the present disclosure is directed towards an aeroplane multipurpose wing stability system. The system includes a wing shell connected to a fuselage of the aeroplane configured with a wing socket for providing flexible movements to the wings of the aeroplane, whereby the wings coupled to the fuselage of the aeroplane depend on center of gravity. The system further includes a yaw line socket internally incorporated on top side and lower side of the wing shell with a yaw line axis configured to allow free rotation in both sides of the yaw line socket, whereby the rotation of the yaw line socket supported by a plurality of bearings and an actuator connected at an inside of the yaw line socket. The system also includes a saw wheel coupled to the aeroplane in stable and a wing roll wheel coupled to a elevated pitch axis line configured to maintain sustainable of heavy pressure and weight of the aeroplane wings and the wing roll wheel freely hanged in longitudinal direction in a provided space in the wing shell at certain height.

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

(22) Date of filing of Application :27/02/2015

### (43) Publication Date : 10/04/2015

(54) Title of the invention : PROCESS FOR DATA CONFIDENTIALITY USING PROBABILISTIC CRYPTOGRAPHIC **TECHNIQUE** 

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)K Adi Narayana Reddy
(32) Priority Date	:NA	Address of Applicant : Associate Professor Department of
(33) Name of priority country	:NA	CSE, ACE Engineering College, Hyderabad Telangana India
(86) International Application No	:NA	2)Dr B Vishnu Vardhan
Filing Date	:NA	3)Dr P Vijayapal Reddy
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)K Adi Narayana Reddy
Filing Date	:NA	2)Dr B Vishnu Vardhan
(62) Divisional to Application Number	:NA	3)Dr P Vijayapal Reddy
Filing Date	:NA	
		l.

(57) Abstract :

Present invention provides a model for data confidentiality using probabilistic cryptographic technique which is adoptable to any type of data. The data confidentiality protects data from unauthorized access. The Cryptographic mechanism provides confidentiality by encrypting data. For this first the data is converted into equivalent numeric values then the numeric values are encrypted using probabilistic cryptographic technique. The resultant numeric values of encryption process are converted into equivalent data. The probabilistic symmetric key model is linear transformation based cryptosystem using sub key groups. This is secure and efficient as the key size is reduced from n x n to n.

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

(19) INDIA

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

(43) Publication Date : 10/04/2015

# (54) Title of the invention : NANOCRYSTALS OF NARINGIN AND ITS PREPARATION

(51) International classification	:C01B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MS. MUSMADE KRANTI P.
(32) Priority Date	:NA	Address of Applicant :MANIPAL COLLEGE OF
(33) Name of priority country	:NA	PHARMACEUTICAL SCIENCES, MANIPAL UNIVERSITY,
(86) International Application No	:NA	MANIPAL - 576 104 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MS. MUSMADE KRANTI P
(61) Patent of Addition to Application Number	:NA	2)DR. MUSMADE PRASHANT B
Filing Date	:NA	3)DR. LIGADE VIRENDRA S
(62) Divisional to Application Number	:NA	4)DR. UDUPA NAYANABHIRAMA
Filing Date	:NA	

(57) Abstract :

The present invention provides naringin nanocrystals characterized by: i) particle size ranges from 200 to 280 nm; ii) PDI ranging from 0.300 to 0.320; zeta potential ranging from -35.75 to -38.8 mV; and 1.5 fold increased saturation solubility compare to pure naringin. The present invention also provides a process for the preparation of nanocrystals of naringin which involves dispersing naringin and at least one stabilizer in a solvent to obtain dispersion; drying said dispersion to evaporate the solvent to obtain a residue of naringin-stabilizer; hydrating said residue using water followed by homogenizing to obtain a homogeneous suspension; sonicating said suspension to obtain a nanosuspension; and lyophilizing said nanosuspension to obtain the nanocrystals of naringin.

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

## (19) INDIA

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

(43) Publication Date : 10/04/2015

# (54) Title of the invention : PROCESS FOR PREPARATION OF VILAZODONE AND ITS NOVEL INTERMEDIATES

(51) International classification:C07I(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(36) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(63) Date:NA	Kukatpally, Hyderabad-500072, India Telangana India (72)Name of Inventor : 1)BHEMIREDDY, Satyanarayana Reddy
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(57) Abstract :

The invention relates to process for preparation of Vilazodone and novel intermediates for synthesis of Vilazodone.

No. of Pages : 65 No. of Claims : 47

(19) INDIA

(22) Date of filing of Application :28/02/2014

(43) Publication Date : 10/04/2015

# (54) Title of the invention : LIVE HUMAN DETECTING ROBOT FOR EARTHQUAKE RESCUE OPERTION

<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>	:NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BHARATH UNIVERSITY Address of Applicant :173, AGHARAM ROAD, SELAIYUR, CHENNAI - 600 073 Tamil Nadu India (72)Name of Inventor : 1)Name of Inventor : </li> </ul>
<ul> <li>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>	:NA : NA :NA :NA :NA :NA	1)DR. S. RAMAMOORTHY 2)S.P. VIJAYARAGAVAN

(57) Abstract :

Natural calamities do occur and they are unstoppable. But humans are becoming increasingly aware in the concept of intelligent rescue operations in such calamities so that precious life and material can be saved though calamities cannot be stopped. Still there are lots of disasters that occur all of a sudden and Earthquake is one such thing. Earthquakes produce a devastating effect and they see no difference between human and material. Hence a lot of times humans are buried among the debris and it become impossible to detect them. A timely rescue can only save the people who are buried and wounded. Detection by rescue workers becomes time consuming and due to the vast area that gets affected it becomes more difficult. This invention discloses a novel autonomous robotic vehicle that moves in the earthquake prone area and helps in identifying the alive people and rescue operations.

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

## (19) INDIA

(22) Date of filing of Application :16/03/2015

(43) Publication Date : 10/04/2015

# (54) Title of the invention : METHODS AND SYSTEMS OF TEXT EXTRACTION FROM IMAGES

	~ ~ ~ ~	
(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HARIHARA VINAYAKARAM NATARAJAN
(87) International Publication No	: NA	2)TAMILSELVAN SUBRAMANIAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for extracting text from an image data is disclosed. The method includes pre-processing, via a processor, the image data to obtain a readable image data. The method further includes filtering, via the processor, a plurality of copies of the readable image data using a plurality of noise filters to obtain a corresponding plurality of noise removed images. Yet further, the method includes performing, via the processor, image data recognition on each of the plurality of noise removed images to obtain a text copy associated with each of the plurality of noise removed images. Moreover, the method includes ranking, via the processor, each word in the text copy associated with each of the plurality of noise removed images based on a predefined set of parameters. Finally, the method includes selecting, via the processor, highest ranked words within the text copy associated with each of the plurality of noise removed images based on a predefined set of parameters. Finally, the method includes selecting, via the processor, highest ranked words within the text copy associated with each of the plurality of noise removed images based on a predefined set of parameters. Finally, the method includes selecting, via the processor, highest ranked words within the text copy associated with each of the plurality of noise removed images to obtain output text for the image data.

No. of Pages : 29 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :24/03/2015

(43) Publication Date : 10/04/2015

# (54) Title of the invention : SIMPLE AND RAPID METHODS FOR ESTIMATION OF MILK PROTEIN

<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	<ul> <li>(71)Name of Applicant :</li> <li>1)K. SANKARAN <ul> <li>Address of Applicant :5, JABASHREE APARTMENTS. OLD</li> <li>NO. 39/ NEW NO. 93, 4THE MAIN ROAD, GANDHI NAGAR,</li> <li>ADAYAR, CHENNAI-600 020 Tamil Nadu India</li> <li>2)T. ELAVARASAN</li> <li>(72)Name of Inventor :</li> </ul> </li> </ul>
<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 :NA	(72)Name of inventor : 1)K. SANKARAN 2)T. ELAVARASAN

(57) Abstract :

The Simple and rapid methods for estimation of milk protein. The present invention describes about the clarifying agents for rapid milk clarification for the analysis of milk quality by measuring the milk protein. Propionic acid: Iso propanol: Water (5:4:1) cocktail solution is developed for instant milk clarification and without affecting the absorption property of milk protein at 280nm. Second clarification agent, n-Butylamine: n-Butanol (4:1) specially developed for clarification of milk in one minute for non-interference of estimation of milk protein based on Biuret colorimetric method. Clarification mediated estimation of milk protein is reliable for true protein measurement, not affected by the adulterants such as water, sugar, salt, oil and urea and it can be adapted to high-throughput format and simple optical instrumentation for field level application.

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

(19) INDIA

(22) Date of filing of Application :28/02/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : COLUMN LESS POWER STEERING (CLEPS) (51) International classification :B62D (71)Name of Applicant : (31) Priority Document No **1)BHARATH UNIVERSITY** :NA (32) Priority Date Address of Applicant :173, AGHARAM ROAD, SELAIYUR, :NA (33) Name of priority country CHENNAI - 600 073 Tamil Nadu India :NA (86) International Application No (72)Name of Inventor : :NA 1)DR. X. CHARLES Filing Date :NA (87) International Publication No : NA 2)DR. J. HAMEED HUSSAIN (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A novel Column less Power Steering (CLEPS) is disclosed here. The CLEPS electronic control unit (ECU) calculates the assisting power needed based on the torque being applied to the steering wheel by the driver, the steering wheel position and the vehicle<sup>TM</sup>s speed. The CLEPS motor rotates a steering pinion gear with an applied force that reduces the torque required from the driver. No steering column linkages from steering wheel to rack and pinion system results in safety.

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

(19) INDIA

(22) Date of filing of Application :28/02/2014

(43) Publication Date : 10/04/2015

# (54) Title of the invention : WEIGHTLESS FIBER REINFORCED FLYWHEEL

<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>	:NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BHARATH UNIVERSITY Address of Applicant :173, AGHARAM ROAD, SELAIYUR, CHENNAI - 600 073 Tamil Nadu India (72)Name of Inventor : 1)DR. X. CHARLES </li> </ul>
Filing Date	:NA :NA	

(57) Abstract :

This weightless tapered holes ball flywheel is a mechanical device with a significant moment of inertia used as a storage device for rotational energy. Flywheels resist changes in their rotational speed, balls in tapered hole comes outward due to the speed, which helps steady the rotation of the shaft when a fluctuating torque is exerted on it by its power source.

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

(12) PATENT APPLICATION PUBLICATION (21) Application No.1401/CHE/2015 A (19) INDIA (22) Date of filing of Application :20/03/2015 (43) Publication Date : 10/04/2015 (54) Title of the invention : A POWER BOOSTER DEVICE AND A SYSTEM FOR GENERATION OF POWER AND A LOCOMOTIVE RUNNING BY THE SYSTEM (51) International classification :H02P (71)Name of Applicant : (31) Priority Document No 1)D. HARI PRASAD :NA (32) Priority Date Address of Applicant : AKSHAYA ANUGRAHA, :NA (33) Name of priority country DARBETHADKA, BELA POST, VIA KUMBLA, :NA (86) International Application No KASARAGOD DISTRICT, 671321 Kerala India :NA Filing Date (72)Name of Inventor : :NA (87) International Publication No : NA 1)D. HARI PRASAD (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention is proposes a power booster device comprises of gear train and bearings. Further this invention proposes a system of power generation comprises of a power booster device, battery, inverter, 2hp motor, Alternator, Exciter. The present invention also proposes a locomotive which can run by the system designed comprises of a power booster device, battery, inverter, 2hp motor, Alternator, Exciter, Timer circuit, Train speed power control unit, Traction motors, Break control unit and Air compressor

No. of Pages : 33 No. of Claims : 10

(22) Date of filing of Application :03/07/2014

## (43) Publication Date : 10/04/2015

# (54) Title of the invention : THERMAL STRATIFICATION BY USING ELECTRICAL HEATING COIL EMBEDDED IN THE CYLINDER 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:F02B :NA :NA :NA :NA :NA : NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BHARATH UNIVERSITY <ul> <li>Address of Applicant :173, Agharam Road, Selaiyur, Chennai</li> <li>600 073. Tel : 044-22290742 Tamil Nadu India</li> <li>(72)Name of Inventor :</li> <li>1)Dr.P.Naveenchandran</li> <li>2)M. Achudhan</li> <li>3)C. Jagadeesh Vikram</li> </ul> </li> </ul>
11		3)C. Jagadeesh Vikram
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract :

A method of creating thermally stratified mixture for HCCI engines to prolong the combustion duration, thereby operate the engine with higher loads. An electrical heating coil of suitable rating with electrical insulation is embedded in the cylinder head. During the compression stroke the electricity is supplied to the coil and is cut off at a point near to TDC. The part of the mixture which comes into contact with the electrical coils gets heated. This creates thermal gradients within the mixture being compressed. The autoignition of the fuel will be initiated at the zones where the temperature is the highest, which is due to electrical heating and compression. As the rest of mixture is at relatively lower temperatures, there will be a finite delay for the remaining mixture to get ignited. By using this method, HCCI combustion of the mixture within the cylinder can be achieved at different regions at different timings which will lead to longer durations of overall combustion. The electrically heated coil serves two purposes in this method; one is to promote autoignition and the other is to create thermally stratified mixture in the cylinder.

No. of Pages : 11 No. of Claims : 3

(19) INDIA

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

(43) Publication Date : 10/04/2015

# (54) Title of the invention : SYSTEMS AND METHODS FOR IMPROVED KNOWLEDGE MINING

(51) International classification:g06H(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA	<ul> <li>(71)Name of Applicant :</li> <li>1)WIPRO LIMITED</li> <li>Address of Applicant :Doddakannelli, Sarjapur Road,</li> <li>Bangalore 560035, Karnataka, India.</li> <li>(72)Name of Inventor :</li> <li>1)ABHISHEK GUNJAN</li> </ul>
(87) International Publication No : NA	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

This disclosure relates to systems and methods for improved knowledge mining. In one embodiment, a method is disclosed, which comprises filtering aggregated data encoded according to multiple data formats, using a combination of sliding-window and boundarybased filtration techniques. Machine learning and natural language processing are applied to the filtered data to generate a business ontology. Also, using a prediction analysis, one or more recommended classification techniques are automatically identified. The filtered data is clustered into an automatically determined number of categories based on the automatically recommended one or more classification techniques. The one or more classification techniques may utilize iterative feedback between a supervised learning technique. Furthermore, the method includes generating automatically correlations between the business ontology and the automatically determined number of categories, and generating a knowledge base using the correlations between the business ontology and the automatically determined number of categories.

No. of Pages : 39 No. of Claims : 20

(22) Date of filing of Application :31/03/2015

(43) Publication Date : 10/04/2015

# (54) Title of the invention : A NOVEL METHODOLOGY FOR THE PLACEMENT OF MULTI DIAMETER INTERLAYER OFC MATERIAL IN FRICTION WELDING OF DISSIMILAR MATERIALS.

(51) International classification	:B23K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. M. BALASUBRAMANIAN
(32) Priority Date	:NA	Address of Applicant : PROFESSOR AND HEAD,
(33) Name of priority country	:NA	DEPARTMENT OF MECHANICAL ENGINEERING, RMK
(86) International Application No	:NA	COLLEGE OF ENGINEERING AND TECHNOLOGY,
Filing Date	:NA	PUDUVOYAL, GUMMIDIPOONDI (TK), TIRUVALLUR (DT),
(87) International Publication No	: NA	PIN-601206 Tamil Nadu India
(61) Patent of Addition to Application Number	:NA	2)MR. R. KUMAR
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)DR. M. BALASUBRAMANIAN
Filing Date	:NA	2)R. KUMAR

(57) Abstract :

Joining of dissimilar T -6AL-4V with SS304L is proven to be difficult, because of formation of brittie inter metallic at the interface. The joint was not successful most of the times, when an attempt was made to join dissimilar met<sub>i</sub> is without interlayer. The present invention deals with placement of typically designed and fabricated OFC interlayer material in the form of bush inserted in to stainless steel material before the welding process begins. This invention proves that with new simple geometry of interlayer and placement of interlayer in the system will yield good and successful joint. The joint surfaces in the welded regi<sup>3</sup>n had good diffusion between interlayer metal and base met<sub>i</sub> is with interlocking mechanism. The lower cost of the joint preparation with minimum loss in material is an added advantage to the methodology. This method of preparing the OFC interlayer and placement of typically designed interlayer in the friction welding process may be extended to other dissimilar joints where interlayer is required.

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

(19) INDIA

(22) Date of filing of Application :04/02/2015

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : SYSTEM FOR ENABLING DISPLAY OF GRAPHICS (51) International classification :G06T (71)Name of Applicant : (31) Priority Document No 1)Ambarish Kumar Shivam :551/CHE/2014 (32) Priority Date Address of Applicant : Top floor, Single Room, s/o Shri :06/02/2014 (33) Name of priority country Ramdhari Ram, Building 43, 21st Cross, 7th Main Road, BTM :India (86) International Application No 2nd stage, N S Palya, Bangalore - 560076 Karnataka :NA (72)Name of Inventor : Filing Date :NA (87) International Publication No 1)Ambarish Kumar Shivam : NA (61) Patent of Addition to Application Number :551/CHE/2014 Filed on :01/01/1900 (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A system for enabling display of graphics is provided. The system may include a plurality of members (300) and a display screen. The display screen may be configured to accommodate the plurality of members (300). Each of the members (300) accommodated within the display screen, may be coloured. The display screen may enable alteration of position of one or more of the members (300) based on the graphics desired to be displayed.

No. of Pages : 28 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/03/2015

(54) Title of the invention : WEATHER-SECURE HABITAT		
<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>		(71)Name of Applicant : 1)IBRAMSHA MOHIDEEN Address of Applicant :12A, LAXMI PRIYA APARTMENTS, A BLOCK FLAT F1, 3RD CROSS STREET, 6TH MAIN ROAD, DHANDEESHWARAM NAGAR, VELACHERRY, CHENNAI - 600042 Tamil Nadu India (72)Name of Inventor : 1)IBRAMSHA MOHIDEEN

(57) Abstract :

Due to Global Warming the future weather is not expected to be similar to the past. Earthquakes, hurricanes, tornadoes, and floods could occur anywhere on earth. We detail secure habitats for the hostile weather. Tornado has no effect on buildings with circular exteriors. A hurricane finds it extremely difficult to uproot a hemisphere or a hemi ellipsoid in which the radius of an upper floor is less than that of a lower floor. Floods do not affect a building with entry above ground when the flood height is less than the entry. A building with triangles formed by pillars and beams is more resistant to earthquake than without any triangle. Our buildings have above the floor entry; have circular exteriors; have triangles in the structural frame; and are hemisphere or hemi ellipsoid shaped with the radius of an upper floor being less than that of a lower floor.

No. of Pages : 50 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :16/10/2014

(43) Publication Date : 10/04/2015

# (54) Title of the invention : METHOD, SYSTEM AND APPARATUS FOR RETAIL SHOPPING

(51) International classification	:G06O	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Chandan Punganoor Ravishankar
(32) Priority Date	:NA	Address of Applicant :#317, Flat #002, Gnd. Floor, Kempton
(33) Name of priority country	:NA	Kourt Duo Marvel Layout, Ananthapura Road, Yelahanka
(86) International Application No	:NA	Bangalore 560 064 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Chandan Punganoor Ravishankar
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for transacting and managing sales and sales information in a mercantile environment are disclosed which facilitates consumers/customers to place purchase orders remotely with a selected retailer using communication devices such as mobile phones, tablets, laptops, computers etc. The consumer places the purchase orders through an SMS or through a consumer application installed in the consumer device. In a similar way, the retailer places the bulk purchase order with the selected distributor among the available ones through an SMS or through a retailer application installed in the retailer device. However, irrespective of the mode of the communication i.e., through SMS or application, the transaction is completed through the system of the present disclosure.

No. of Pages : 33 No. of Claims : 18

### (19) INDIA

(22) Date of filing of Application :03/03/2014

(43) Publication Date : 10/04/2015

### (54) Title of the invention : AUTOMATIC ENGINE COOLING SYSTEM BY EXTERNAL ELECTRICAL WATER PUMP (51) International classification :H04N (71)Name of Applicant : (31) Priority Document No **1)BHARATH UNIVERSITY** :NA Address of Applicant :173, AGHARAM ROAD, SELAIYUR, (32) Priority Date :NA (33) Name of priority country CHENNAI - 600 073 Tamil Nadu India :NA (86) International Application No (72)Name of Inventor : :NA Filing Date :NA **1)DR. X. CHARLES** (87) 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 :

Nearly all cars still have mechanical water pumps, which is a bit strange, as electric pumps are more efficient in terms of the power they consume, and they can also match an engine<sup>TM</sup>s cooling needs much more effectively. In this type of Electric water pump, temperature sensors located in various parts of the engine block play a pivotal role by sending information of the temperatures present in each cylinder of the engine, with the water pump responding in accordance with the input information given to the pump. The pump circulates water in various channels located in the engine block depriving the engine of heat and thus assisting in the performance of the engine which increases the efficiency of the engine and also reducing its exhaust emissions.

No. of Pages : 15 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :18/03/2015

(43) Publication Date : 10/04/2015

# (54) Title of the invention : SYSTEM AND METHOD FOR SYNCHRONIZING COMPUTING PLATFORMS

(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA	<ul> <li>F (71)Name of Applicant :</li> <li>1)WIPRO LIMITED</li> <li>Address of Applicant :Doddakannelli, Sarjapur Road,</li> <li>Bangalore 560035, Karnataka, India.</li> <li>(72)Name of Inventor :</li> <li>1)JAYASHREE SRIPATHAN</li> </ul>
(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	2)KAVITHA SRIDHAR

(57) Abstract :

This disclosure relates generally to computing platforms, and more particularly to a system and method for synchronizing computing platforms across technologies. In one embodiment, a method is provided for synchronizing a plurality of computing platforms. The method comprises gathering information on the plurality of computing platforms, performing a comparison among a set of computing platforms selected from the plurality of computing platforms based on the information gathered, providing at least one user selectable recommendation for synchronizing a computing platform selected from the set of computing platforms based on the comparison, and implementing the at least one recommendation on the computing platform upon selection by a user.

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

(19) INDIA

(22) Date of filing of Application :18/03/2015

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : METHOD AND SYSTEMS FOR IDENTIFYING FAULTY COMMUNICATION CALLS (51) International classification :H04M (71)Name of Applicant : (31) Priority Document No **1)WIPRO LIMITED** :NA Address of Applicant :Doddakannelli, Sarjapur Road, (32) Priority Date :NA (33) Name of priority country Bangalore 560035, Karnataka, India. :NA (86) International Application No (72)Name of Inventor : :NA **1)SWAMINATHAN SEETHARAMAN** Filing Date :NA (87) International Publication No : NA 2)KUMAR RAMADOSS (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

This disclosure relates generally to call monitoring techniques, and more particularly to method and system for identifying faulty communication calls. In one embodiment, a method comprises generating communication call record information for a communication call upon determining release of the communication call on a signaling plane. The method further comprises receiving a notification that media plane resources are still active after release of the communication call on the signaling plane. The method further comprises requesting for and receiving media activity of the communication call on the media plane in response to active media plane resources. The method further comprises identifying the faulty communication call based on the communication call record information and the media activity of the communication call.

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

# (22) Date of filing of Application :08/03/2015

(43) Publication Date : 10/04/2015

# (54) Title of the invention : A DEVICE FOR SAFER TRANSPORTATION OF CLINICAL ISOLATES CARRYING CONTAGIOUS BACTERIAL, VIRAL AND / OR FUNGAL SPECIES

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :173, Agharam Road, Selaiyur, Chennai
(33) Name of priority country	:NA	600 073. Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Dr.Arvind Ramanathan, BDS, MSc(Genetics), PhD
(87) International Publication No	: NA	(Molecular Oncology)
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract :

The viability of infectious organisms depend on the presence of adequate host factors in the appropriate transport medium. For example, a virus specific transport media is used in order to maintain the viability of the virus during transportation from fields and hospitals to the laboratory facility. While viability is critical in case of research, and initial molecular investigations to characterize the infectious organisms, it is not necessary to maintain the viability of infectious organisms for routine diagnostic activities. For diagnostic purpose, nucleic acid alone but not the viable infectious organism is required. This invention discloses an improvisation in the collection and transportation of clinical specimens carrying infectious bacteria, viruses containing deoxy-ribo nucleic acid (DNA virus) and / or ribo nucleic acid (RNA virus), rickettsiae, parasites and fungi.

No. of Pages : 15 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :27/02/2015

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M. VARUN KUMAR
(32) Priority Date	:NA	Address of Applicant :NO.77, BIG STREET, KARNAMBUT
(33) Name of priority country	:NA	VILLAGE, KATPADI TK, VELLORE DT - 632519 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)M. VARUN KUMAR
(61) Patent of Addition to Application Number	:NA	2)MANICKYAM KARTHIK
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (54) Title of the invention : ROAD RUNNERS-AUTOMATIC ON/OFF GSM MODULE

(57) Abstract :

Road Runners mechanism obtains its power supply from vehicle main battery supply by means of Automatic ON/OFF GSM module which in turn connected with transformer based DC to DC converter component, that specified DC to DC converter converts the high amps of power supply to reduced required Amps of power supply needed for Road Runners mechanism for its functioning by means of an Automated GSM based Switch, the GSM based component consists of ATMEL 89S52 microcontroller with a GSM component and DPDT relay, If the GSM based command SMS ON reaches the GSM component, then the ATMEL controller activates the Relay associated within it and passes the desired amount of power flowing from the Dc to Dc converter to Road Runners mechanism Gadget. When the GSM based command SMS ON reaches the GSM component of ATMEL controller board so that ATMEL controller activates the DPDT relay simultaneously at the same time, the mobile user will be get Acknowledged with an SMS as SUCCESSFULLY ON as response through which the ON SMS had been sent. If the GSM based command SMS OFF reaches the GSM component then the ATMEL controller deactivates the relay associated within it and cuts the flow of power from the DC to DC converter to the Road Runners mechanism. The DPDT relay consists of one set of the common pins (CO) and another set of the normally open (NO) pins and normally closed pins (NC). Initially the normally closed pin is in inactive state before message has received. When the ON SMS had been received by the ATMEL controller through GSM board connected within it, the common pins were triggered and so that wires connected to the common pins will get contact to the normally closed pin of the DPDT relay and power supply will passes from the cars main battery to the Road Runners mechanism kit and similarly the vice versa for the OFF SMS had been delivered to the ATMEL controller through GSM board this SMS sending feature for Automatic ON/OFF the Road Runners mechanism can be facilitated through Road Runners App, as soon as SMS commands reaches the proposed GSM component, so that the ATMEL controller board requires a continuous flow of current from the vehicles main battery to keep the GSM based ON/OFF mechanism alive.

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

(22) Date of filing of Application :26/02/2014

# (43) Publication Date : 10/04/2015

# (54) Title of the invention : SIP BASED DYNAMIC ESTIMATION OF SECURE NETWORK MOBILITY (SENEMO) FOR REAL-TIME APPLICATIONS

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :173, AGHARAM ROAD, SELAIYUR,
(33) Name of priority country	:NA	CHENNAI - 600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. V. KHANAA
(87) International Publication No	: NA	2)DR. J. SUNDEEP AANAND
(61) Patent of Addition to Application Number	:NA	3)DR. R. UDAYAKUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract :

Mobile Virtual Private Network (VPN) has been developed to secure mobile user<sup>TM</sup>s communication between untrusted external networks and the protected private internal network. However, the IETF<sup>TM</sup>s mobile VPN does not address how to support NEMO. Existing secure network has been developed architecture to support VPN in NEMO. The tunnels increase massive overhead in terms of packets length and processing time. The predefined cryptographic transformations provide low computational cost and limited packet expansion so bandwidth can be used more economically than IPsec. We present sensing mechanisms that can be used for implicit high-load and overload detection in SIP networks. By means of measurements and implements we highlight the characteristics of SIP proxy servers for different load situations and using different transport protocols. Each protocol yields to distinctive patterns that encourage deriving an algorithm that is able to estimate a downstream servers current load. In this work, we propose architecture and protocols to support VPN in NEMO, which is called Secure NEMO (SeNEMO). The proposed SeNEMO, based on Session Initiation Protocol (SIP), is specifically designed for real-time applications over VPN. It allows an entire network to move and still maintains session continuity. In addition to analyzing the security vulnerabilities, we also propose analytical models to evaluate the performance of the proposed SeNEMO.

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

#### (19) INDIA

(22) Date of filing of Application :12/03/2015

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : SYSTEM AND METHOD FOR AUTOMATING TESTING OF A SOFTWARE

<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>	:NA	Address of Applicant :Doddakannelli, Sarjapur Road, Bangalore 560035, Karnataka, India. (72) <b>Name of Inventor :</b>
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:NA : NA :NA :NA	1)SOURAV SAM BHATTACHARYA 2)MOHAMMED ASHARAF
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

The present disclosure relates to systems, methods, and non-transitory computer-readable media for automating testing of software. The method comprises receiving, the at least one test case. The at least one test case associated with at least one test platform may be executed. Further, a variable time delay may be interjected between successive runs for the at least one test case. The variable time delay based on inertia associated with the at least one test platform. A sequence of the one or more test results for the at least one test case may be built. Based on the one or more test results, an output consistency based on the one or more test results may be determined. Finally, a fault associated with the at least one test platform or a software based on the output consistency may be determined.

No. of Pages : 29 No. of Claims : 23

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :18/08/2014

#### (43) Publication Date : 10/04/2015

## (54) Title of the invention : MULTI-PURPOSE UNMANNED AERIAL VEHICLE FOR SENSING RADIATION AND CARBON-MONOXIDE GAS WITH LIVE AERIAL VIDEO FEEDING

(57) Abstract :

A fully functional quad-rotor helicopter capable of autonomous hover and directional motion based on operator inputs is disclosed here. Total weight of the system shall be nearly a kilogram or little more. The purpose is to produce an unmanned aerial vehicle, which shall be capable of sensing radiation and carbon-monoxide gas present in the given environment. Another objective of this invention is to monitor radiation exposure in a place where nuclear activity exists, and where human life is endangered.

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

#### (19) INDIA

(22) Date of filing of Application :26/02/2014

#### (54) Title of the invention : IDENTIFICATION AND AUTOTUNING OF PARALLEL CASCADE CONTROL SYSTEM (51) International classification :G05B (71)Name of Applicant : (31) Priority Document No :NA **1)BHARATH UNIVERSITY** Address of Applicant :173, AGHARAM ROAD, SELAIYUR, (32) Priority Date :NA (33) Name of priority country CHENNAI - 600 073 Tamil Nadu India :NA (86) International Application No (72)Name of Inventor : :NA Filing Date :NA 1)DR. M. BHARATHI (87) International Publication No : NA 2)DR. C. SELVAKUMAR (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract :

In process industries, cascade system is desirable to reduce the effects of possible disturbances and to improve the dynamic performance of the distillation column. In the traditional series cascade control, both the manipulated variable and disturbance variables affect the primary output through the intermediate (secondary) output. In this work Calculation of interactive measures (RGA, NI & SVD) for different multivariable distillation columns are evaluated for finalizing appropriate input-output pairs, Different control schemes (centralized and decentralized) with PI/PID controllers for the multivariable systems are synthesized and implemented. Decoupling controls / Interaction reducers are developed when interaction effects produce a significant deterioration in control system performance, transfer function based system identification for parallel cascade control, Autotuning of parallel cascade control using relay feedback and set point relay.

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

(19) INDIA

(22) Date of filing of Application :03/03/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : AUTOMATIC HAND BRAKE RELEASING SYSTEM IN CAR

	D (AT	
(51) International classification	:B601	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :173, AGHARAM ROAD, SELAIYUR,
(33) Name of priority country	:NA	CHENNAI - 600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. X. CHARLES
(87) International Publication No	: NA	2)DR. J. HAMEED HUSSAIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In this automatic Handbrake release system, once driver starts the engine the handbrake is automatically released. And when the car or vehicle is in a slope we need parking brake while climbing. That time driver can operate the Handbrake with manual switch. Once driver just presses one manual switch then he can operate handbrake manually then this handbrake will engage for slope driving condition. After some time as the vehicle is running, the system will go to automatic mode.

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

(19) INDIA

(22) Date of filing of Application :03/03/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : TILLER BASED ELECTRIC STEERING SYSTEM (51) International classification :B62D (71)Name of Applicant : (31) Priority Document No **1)BHARATH UNIVERSITY** :NA (32) Priority Date Address of Applicant :173, AGHARAM ROAD, SELAIYUR, :NA (33) Name of priority country CHENNAI - 600 073 Tamil Nadu India :NA (86) International Application No (72)Name of Inventor : :NA **1)DR. P. NAVEENCHANDRAN** Filing Date :NA (87) International Publication No : NA 2)DR. X. CHARLES (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

This invention discloses a steering system that combines the advantages of the electric power assisted steering and the ease of using a tiller or handle bar in place of a steering wheel. It is the cost effective alternative to considerably reduce steering effort and driving skills and training required to operate a vehicle. The primary objective of this invention is to replace the steering wheel by a handle bar and operate the vehicle with the use of advanced electronically controlled electrically assisted steering systems. The major advantages of this invention are an easy steering system at a low cost with precision and safety.

No. of Pages : 10 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :16/03/2015

(43) Publication Date : 10/04/2015

## (54) Title of the invention : METHOD AND DEVICE FOR IMPROVING LAWFUL INTERCEPTION OF A CALL

(51) International classification	:H04M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VENKATA SUBRAMANIAN JAYARAMAN
(87) International Publication No	: NA	2)SWAMINATHAN SEETHARAMAN
(61) Patent of Addition to Application Number	:NA	3)KUMAR RAMADOSS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of the present disclosure disclose a method and a device for improving lawful interception of a call is provided. The method comprises monitoring a telecommunication call of a lawful interception target subscriber. Then, the method comprises detecting a call-release trigger associated with the telecommunication call. Further, the method comprises initiating a media plane audit of the telecommunication call to determine whether the call-release trigger is a false release trigger. The media plane audit determines whether media plane resources for the telecommunication call is released in response to the call-release trigger. Additionally, the method includes performing at least one call handling action in response to determining a false release trigger.

No. of Pages : 30 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :19/03/2015

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : INGENIOUS DIRECT DRIVE BASED CONSUMER APPARATUS

(51) International classification	·H03K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HIBRISE TECHNOLOGIES PVT LTD
(32) Priority Date	:NA	Address of Applicant :210, NSIC-SOFTWARE
(33) Name of priority country	:NA	TECHNOLOGY PARK, EKKATUTHANGAL, CHENNAI-600
(86) International Application No	:NA	032 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)AZHAGAR RAJ M
(61) Patent of Addition to Application Number	:NA	2)NURUL HASAN I
Filing Date	:NA	3)IMTHIAZ AHMED A
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The consumer apparatus mentioned in this invention is a wet grinder. Wet Grinder consists of a drum which has a flat stone in the bottom and a rotating stone in the top. A Switched Reluctance Motor is used to rotate the drum. The Stator has windings and Rotor has no windings. There will be plural number of poles in both stator and rotor. The Rotor (either interior or exterior rotor) is coupled directly with the drum without any mechanical power transmission components (belt -pulley, gear etc.) Power Electronics circuitry is used to excite the windings in the stator based on feedback from rotor position sensor or using sensorless techniques to provide continuous rotation in either direction. The source of power to the motor is from the AC/DC, battery or any other energy storage device. The wet grinder assembly consists of Switched Reluctance Motor, the drive and the power supply management system.

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

(19) INDIA

(22) Date of filing of Application :23/03/2015

(43) Publication Date : 10/04/2015

### (54) Title of the invention : CHAIN DRIVEN SYSTEM AND METHOD FOR GENERATING ENERGY

(51) International classification:F03(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(36) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NA	<ul> <li>G (71)Name of Applicant :</li> <li>1)BUSIREDDY KRISHNA CHITANYA REDDY Address of Applicant :Flat No: 301, Omsai Enclave, Habsiguda, Hyderabad-500007, Telangana, India.</li> <li>(72)Name of Inventor :</li> <li>1)BUSIREDDY KRISHNA CHITANYA REDDY</li> </ul>
Filing Date :NA	

(57) Abstract :

Exemplary embodiments of the present disclosure are directed towards a chain driven system for generating energy, the system comprising:six or more chains, four or more gears, and a gear box. The systems further comprising two or more wheels are configured to continuously move the three or more chains among the six or more chains for generating mechanical energy. A plurality of metal balls arranged on the two or more chains among the six or more chains and the chains movement is occurred by the four or more gears and the one or more metal balls starts moving from lower portion pushes the remaining metal balls to upper portion then the metal balls falls from upper portion to lower portion due to gravitational force, one or more fans with large wings located at lower portion of the system and the one or more metal balls hits on the each wing to starts rotating, a dynamo is configured to produce electric power attached to the wings of the fan with the help of the gear box.

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

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :25/03/2015

(43) Publication Date : 10/04/2015

## (54) Title of the invention : METHOD OF PREPARATION OF ACYL-4,4' -DI(AZO- ALKANOL OR AMINO) (DIPHEYL SULFONE OR METHYL PYRIMIDINE)

<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>	:C07D239/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)R. VIMAL <ul> <li>Address of Applicant :PLOT 29/1, 5TH CROSS, BANKERS</li> <li>COLONY, KUMARAN NAGAR, VAYALUR ROAD, TRICHY</li> <li>620017 Tamil Nadu India</li> <li>2)R. RAGHUNATHAN</li> <li>(72)Name of Inventor :</li> <li>1)R. VIMAL</li> <li>2)R. RAGHUNATHAN</li> </ul> </li> </ul>
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(57) Abstract :

Acyl derivative of 4,4- di(azo alkanol & amino) (diphenyl sulfone or dimethyl pyrimidine) of the formula wherein R, R, Z and X are as hereinafter set forth, are described. The compound of above mentioned structure exhibits useful antimicrobial activity, particularly against fungi and bacteria, inhibiting the reductase reaction of bacteria and potentiating the antibacterial activity of sulfones.

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

## (22) Date of filing of Application :29/06/2014

#### (43) Publication Date : 10/04/2015

## (54) Title of the invention : AUTOMATIC SPEED CONTROL SYSTEM IN AUTOMOBILE VEHICLE FOR AVOIDING ESTIMATED SPEED DRIVING

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Bharath University
(32) Priority Date	:NA	Address of Applicant :173, Agharam Road, Selaiyur, Chennai
(33) Name of priority country	:NA	600 073. Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Dr. X.Charles
(87) International Publication No	: NA	2)Dr.J.Hameed Hussain
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A simple automatic speed control system for providing safety in speed limit fixed roads, for avoiding rash and speed driving in highly populated regions is disclosed here. One sensor is provided in vehicle and one controlling element and an arrangement to control the fuel intake in to the vehicle and small modifications in the already existing conventional design of S.I &C.I engines and connections which simply act as a switch are made. Emitter towers present at the ends of the speed restriction area dictate the maximum speeds that the automobile can take.

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

#### (19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 10/04/2015

#### (51) International classification :G06O30/02 (71)Name of Applicant : (31) Priority Document No 1)SPREADTRUM COMMUNICATIONS (SHANGHAI) :201310240038.1 (32) Priority Date :17/06/2013 CO. LTD. (33) Name of priority country Address of Applicant :Building No.1 Spreadtrum Center Lane :China (86) International Application No :PCT/CN2013/089531 2288 Zuchongzhi Road Zhangjiang High tech Park Pudongxingu District Shanghai 201203 China Filing Date :16/12/2013 (87) International Publication No :WO 2014/201824 (72)Name of Inventor : 1)SPREADTRUM COMMUNICATIONS (SHANGHAI) (61) Patent of Addition to Application :NA Number CO. LTD. :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (54) Title of the invention : A METHOD FOR INTERCHANGING DATA BETWEEN THE THREE DEMENSIONAL SHOPPING PLATFORM AND THE EXTERNAL PLATFORM

#### (57) Abstract :

The present invention discloses a method for interchanging date between the 3D shopping platform and the external platform is disclosed comprising: displaying the 3D shopping platform on the mobile terminal by a 3D shopping platform display system wherein the 3D shopping platform comprises a 3D model a display module which defines an image display area with a preconfigured size and constitutes display interface of the 3D shopping platform; and a storage module which presets the model unit of the 3D shopping platform and the basic data for assembling the 3D model; assembling the 3D shopping platform display system into different 3D models based on the basic data and the model unit; presenting street blocks in the 3D shopping platform display system by the 3D mode where the model unit is used for presenting stores in the 3D shopping platform display system; presenting the goods in the 3D shopping platform display system by the second 3D model where the model unit also comprises display area which is used for displaying information and/or multiple second 3D models; providing multiple interface units with the 3D shopping platform which are connected with the external platform wherein the 3D shopping platform shares its user data to external platform via the interface unit where the user data including but not limited to the activity track of users behaviors the consumed shopping store or the goods information and simultaneously adding the user data to the basic data; adding the recommended information alternatively which is transmitted by the external platform to the basic data by the 3D shopping platform; and rearranging the basic data and the model unit into different 3D models. The advantageous effects of the above technical solution are but not limited to the present invention adopts 3D models to present the street blocks which arranges kinds of stores in mobile terminal which is easy for user to choose store and buy goods due to intuitive vision and easy operation. Meanwhile it enriches the function of the online shopping platform and accomplishes a closer information exchange with external platform so as to assist to prompt the shopping experience of the consumers.

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

(19) INDIA

(22) Date of filing of Application :28/02/2014

(43) Publication Date : 10/04/2015

### (54) Title of the invention : EFFICIENCY BASED PROPELLER SHAFT DRIVE & BRAKING SYSTEM

(51) International classification	:b63H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :173, AGHARAM ROAD, SELAIYUR,
(33) Name of priority country	:NA	CHENNAI - 600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. X. CHARLES
(87) International Publication No	: NA	2)DR. J. HAMEED HUSSAIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An efficiency based propeller shaft drive & braking system is disclosed here. This Efficiency based propeller is given more rotational energy during acceleration and braking condition. The advantage of the efficiency based propeller transmission is that it allows the adaptation of high-speed turning electric motors magnetic pulses and opposite rotation of opposite magnetic pulses.

No. of Pages : 15 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :03/03/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : AUTOMATIC SIDE-VIEW	MIRROR	
<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>		<ul> <li>(71)Name of Applicant :</li> <li>1)BHARATH UNIVERSITY <ul> <li>Address of Applicant :173, AGHARAM ROAD, SELAIYUR,</li> <li>CHENNAI - 600 073 Tamil Nadu India</li> <li>(72)Name of Inventor :</li> <li>1)DR. X. CHARLES</li> <li>2)DR. J. HAMEED HUSSAIN</li> </ul> </li> </ul>

(57) Abstract :

A novel Automatic Side-view Mirror is disclosed here. The concept of automatic side mirrors lies in the fact that these side mirrors are controlled by the motion of the Steering wheel of the vehicle. A continued turning motion of the steering wheel is picked up by sensors and these in turn, direct the appropriate electronic circuit to initiate the mechanical motion of the side mirror in the respective direction to further eradicate the Blind spot region for the driver and hence, improve on the safety factor of vehicles.

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

(19) INDIA

(22) Date of filing of Application :03/03/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : MOTOR BIKE LANDING WHEEL FOR HANDICAPPED

(51) International classification	:B62H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :173, AGHARAM ROAD, SELAIYUR,
(33) Name of priority country	:NA	CHENNAI - 600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. X. CHARLES
(87) International Publication No	: NA	2)DR. J. HAMEED HUSSAIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This system enables the paraplegic rider to ride two wheeler by acting as a leg for the rider (i.e) when the vehicle slows down or comes to stop, the supporting wheels come lower to the ground, enabling the bike to stand upright. When the bike speeds up again the wheels will retract.

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

## Publication After 18 Months:

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 10/04/2015

(21) Application No.1046/DELNP/2012 A

## (54) Title of the invention : A METHOD OF CONVERTING ALKANES TO CORRESPONDING ALCOHOLS, ETHERS, OLEFINS, HYDROCARBONS, AND COMBINATIONS 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> </ul> </li> </ul>	:02/02/2005 :WO 2006/019399 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GRT INC., Address of Applicant :861 WARD DRIVE, SANTA BARBARA, CA 93111-2920, USA. U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)PHILIP GROSSO</li> <li>2)JEFFREY H. SHERMAN</li> <li>3)ERIC W. MCFARLAND</li> </ul>
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filed on	:1131/delnp/2007 :12/02/2007	

(57) Abstract :

A method of converting alkanes to corresponding alcohols, ethers, olefins, hydrocarbons, or combinations thereof comprising the steps of:- a. providing an enclosure having first and second ends; b. providing a baffle within the enclosure which segregates the enclosure into first and second zones; c. providing a heat transfer fluid; d. substantially filling the enclosure with the heat transfer fluid; e. providing a reaction manifold at the first end of the enclosure; f. providing an oxidizing gas receiving manifold at the second end of the enclosure; g. providing a product receiving manifold at the second end of the enclosure; h. providing at least one first imperforate tube; i. extending the first imperforate tube continuously from the oxidizing gas receiving manifold through the first zone of the enclosure to the reaction manifold; j. providing at least one second imperforate tube; k. extending the second imperforate tube continuously from the reaction manifold through the second zone of the enclosure to the product receiving manifold; 1. providing a metal halide; m. positioning the metal halide in the first imperforate tube; n. providing a metal oxide; o. positioning the metal oxide in the second imperforate tube; p. providing an oxidizing gas; q. directing the oxidizing gas into the oxidizing gas receiving manifold and from the oxidizing gas receiving manifold into the first imperforate tube; r. reacting the oxidizing gas with the metal halide in the first imperforate tube and thereby producing gaseous halogen and metal oxide; s. providing an alkane; , t. directing the alkane into the reaction manifold; u. reacting the alkane with the gaseous halogen produced in step r. in the reaction manifold and thereby producing alkyl halide; y, directing the alkyl halide produced in step u, into the second imperforate tube; w, reacting the alkyl halide produced in step u. with the metal oxide in the second imperforate tube and thereby producing a corresponding alcohol, ether, olefin, hydrocarbon, or combination thereof and metal halide; x. directing the corresponding alcohol, ether, olefin, hydrocarbon, or combination thereof produced in step winto the product receiving manifold; and v, recovering the corresponding alcohol, ether, olefin, hydrocarbon, or combination thereof produced in step w. from the product receiving manifold.

No. of Pages : 55 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :07/02/2012

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : AZETIDINONE COMPOUNDS AND MEDICAL USE 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> </ul> </li> </ul>	:C07D :200910162888.8 :11/08/2009 :China :PCT/CN2010/001206 :09/08/2010 : NA :NA	3)XU Xiaojie 4)LI Xiaoyu 5)ZHANG Yuncai 6)CHEN Ying
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	8)GU Maojian 9)ZHU Qifeng 10)ZHANG Yong 11)LUO Hairong

#### (57) Abstract :

Preparation of azetidinone compounds and medical use thereof are provided by the present invention. More particularly azetidionne compounds shown as formula (I) wherein R1 R2 R3 R4 R5and R6 are defined in description and preparation methods thereof are provided by the present invention. The compounds of the present invention can reduce the levels of total cholesterol (TC) and low density lipoprotein cholesterol (LDL-C) in plasma and can be used as medicaments for reducing cholesterol in blood. Therefore the compounds of the present invention can be used to treat or prevent diseases of atherosclerosis cacergasia of blood vessel cardiac failure coronary artery disease angiocardiopathy myocardial angina hyperlipoidemia and hypercholesteremia and the like. Preparation method of compounds of formula (I) and intermediate compounds are also provided by the present invention.

No. of Pages : 54 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : ANTICIPATORY CONTROL SYSTEM FOR ELECTRIC MOTOR AND ANTICIPATORY CONTROL METHOD FOR ELECTRIC MOTOR APPLIED TO CYCLIC LOADS

<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>	:H04L :PI0902347-0 :22/07/2009 :Brazil :PCT/BR2010/000230 :22/07/2010 :WO 2011/009180	<ul> <li>(71)Name of Applicant :</li> <li>1)WHIRLPOOL S.A. Address of Applicant :AV. DAS NACOES UNIDAS, 12.995,</li> <li>32° ANDAR, BROOKLIN NOVO, 04578-000 - SAO PAULO,</li> <li>SP, BRAZIL</li> <li>(72)Name of Inventor :</li> <li>1)SOARES CLAUDIO EDUARDO</li> <li>2)BERNHARD LILIE DIETMAR ERICH</li> </ul>
<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	2)BERNHARD LILIE DIETMAR ERICH 3)ANDRICH ROBERTO 4)VON DOKONAL LUIZ

#### (57) Abstract :

The present invention refers to an anticipatory system and control method for electric motor applied to cyclical loads, said system having an electric motor (10), at least an electronic control unit (20), at least an electronic power unit (30), at least an electric positionobserving device, the electric motor (10) being electrically driven by way of the electronic power unit (30), the electronic power unit (30) being electrically commanded by way of the electronic control unit (20), the system comprising an average speed controller and a position-observing device of the electric motor, both implemented by way of the electronic control unit (20), the speed controller being arranged to monitor an average speed of the electric motor (10), the position-observing device being arranged to monitor and store an instantaneous speed (Vi) in each position of the electric motor (10) and estimate, by way of each position, an instantaneous speed of control (Vc) of the electric motor (10), the electronic control unit (20) being arranged to calculate an average voltage (Vm) based on the average speed monitored, the electronic power unit (30) being arranged to electrically drive the electric motor 10 by way of a control voltage value (Vcontrol), this control voltage value being (Vcontrol) calculated by multiplying the average voltage (Vm) by the result of the division between the instantaneous speed of control (Vc) and the average speed.

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

(19) INDIA

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 10/04/2015

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:1644/DEL/2009	1)FMC Corporation
(32) Priority Date	:07/08/2009	Address of Applicant :1735 Market Street Philadelphia
(33) Name of priority country	:India	Pennsylvania 19103 United States of America U.S.A.
(86) International Application No	:PCT/US2010/044745	(72)Name of Inventor :
Filing Date	:06/08/2010	1)SEWALL Christopher J.
(87) International Publication No	: NA	2)RANDIVE Vinayak B.
(61) Patent of Addition to Application Number	:NA	3)GADKARI Vijay K.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alestreat :		1

## (54) Title of the invention : CARRAGEENAN PRODUCTS AND METHOD FOR THEIR PRODUCTION AND USE

(57) Abstract :

The present invention is directed to a carrageenan product comprising a semi-refined alkali treated iota carrageenan wherein the semirefined alkali treated iota carrageenan has: (i) a viscosity of 18 cP to 83 cP (ii) a particle size of at least 90% passing through a #100 US sieve mesh and at least 20% passing through a #230 US sieve mesh and (iii) a fraction of sodium cations of at least 35% wherein the fraction of sodium cations is determined by the weight of sodium cations divided by the sum of the weight of sodium cations and potassium cations. This invention is also directed to toothpaste compositions comprising the carrageenan product of the invention.

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

(19) INDIA

(22) Date of filing of Application :07/02/2012

#### (43) Publication Date : 10/04/2015

(54) Title of the invention : TOOTHPAST	TE DROPLETS	
(51) International classification	:B61G	(71)Name of Applicant :
<ul><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(32) Norma of priority country</li></ul>	:12/499,532 :08/07/2009	1)DENTAL DEVELOPMENT SYSTEM LLC Address of Applicant :2127 SW 1st Court Fort Lauderdale
<ul><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>		FL 33312 United States of America. U.S.A. (72)Name of Inventor :
Filing Date (87) International Publication No	:07/07/2010 : NA	1)Wayne R. SOLAN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
<ul><li>(62) Divisional to Application Number Filing Date</li></ul>	:NA :NA	

#### (57) Abstract :

Embodiments of the present invention address deficiencies of the art in respect to delivery of toothpaste and provide a novel and nonobvious device method and system for delivering toothpaste to a user. In one embodiment of the invention a droplet for delivering toothpaste to a user can be provided. The droplet can include a dissolvable outer membrane defining a volume with toothpaste inside the volume. The outer membrane can include a tail portion which is configured to be embedded into the bristles of a toothbrush. The droplet further can include one or more extensions coupled to the outer surface of the outer membrane the one or more extensions can have a triangular shape a barb shape or the like. In one aspect of this embodiment the droplet further can include a logo a cartoon character a word or the like printed on the outer membrane.

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

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : 2-[[[2-[(HYDROXYACETYL)AMINO]-4-PYRIDINYL]METHYL]THIO]-N-[4-(TRIFLUOROMETHOXY)PHENYL]-3-PYRIDINECARBOXAMIDE BENZENESULFONATE CRYSTAL OF SAME CRYSTAL POLYMORPH THEREOF AND METHODS FOR PRODUCTION THEREOF

<ul> <li>(71)Name of Applicant : <ol> <li>SANTEN PHARMACEUTICAL CO. LTD.</li> <li>Address of Applicant :3-9-19 Shimoshinjo</li> <li>Higashiyodogawa-ku Osaka-shi Osaka 533-8651 Japan.</li> </ol> </li> <li>(72)Name of Inventor : <ol> <li>Masashi NIWA</li> <li>Hiroshi DEGUCHI</li> </ol> </li> </ul>

#### (57) Abstract :

In the course of developing 2-[[[2 - [(hydroxyacetyl) amino]- 4 -pyridinyl] methyl] thio]- N -[4 -(trifluoromethoxy) phenyl]- 3 - pyridinecarboxamide(compound A) there are the multiple problems: 1) compound A or its salt is difficult to be recrystallized the storage stability largely differs depending on the kind of the salt and it is very difficult to obtain a salt of compound A having excellent storage stability; 2) in a crystallization process of compound A it is very difficult to control a crystal polymorph and 3) compound A (free body) causes mineral deposition in the stomach when it is orally administered repeatedly.

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

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

#### (51) International classification :H04L 29/06 (71)Name of Applicant : (31) Priority Document No 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) :61/232,093 (32) Priority Date :07/08/2009 Address of Applicant :SE-164 83 STOCKHOLM (SE) (33) Name of priority country :U.S.A. Sweden (86) International Application No :PCT/SE2010/050640 (72)Name of Inventor : Filing Date :09/06/2010 1)LING, ROBBIE (87) International Publication No :WO 2011/016766 2)CHEN, EMER (61) Patent of Addition to Application 3)XIE, JINYANG :NA Number 4)HU, LIANG FENG :NA Filing Date **5)EKENBERG, STEFAN** (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD AND ARRANGEMENTS FOR CONTROL OF CONSUMPTION OF CONTENT SERVICES

### (57) Abstract :

Fuel cell device (10) comprising a fuel cell assembly (5) with at least one polymer electrolyte membrane fuel cell and a fuel delivery means for providing a fuel flow. The device is provided with means (4) for pre burning adapted to burn fuel entering the fuel cell assembly during the start up phase until the fuel flow is increased to a predetermined level and/ or the oxygen concentration is decreased to a predetermined level. The method of operating a fuel cell device (10), the fuel cell device comprising a fuel cell assembly (5) with at least one polymer electrolyte membrane fuel cell, a fuel delivery means for providing a fuel flow. The method comprises the steps of initiating the start up phase by causing the fuel delivery means to deliver a fuel flow, whereby a means (4) for pre burning burns off fuel entering the fuel cell assembly, monitoring the fuel flow and /or the oxygen concentration and when the fuel flow is increased to a predetermined level and/ or the oxygen concentration is decreased to a predetermined level and/ or the oxygen concentration and when the fuel flow is increased to a predetermined level and/ or the oxygen concentration is decreased to a predetermined level, switching from start up phase to power generating phase.

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

(21) Application No.1171/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/02/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : ELASTOMERIC COPOLYMERS, COPOLYMER COMPOSITIONS, AND THEIR USE IN ARTICLES (51) International classification :C08B (71)Name of Applicant : (31) Priority Document No 1) EXXONMOBIL CHEMICAL PATENTS INC. :61/241,280 (32) Priority Date Address of Applicant :5200 BAYWAY DRIVE, BAYTOWN. :10/09/2009 (33) Name of priority country TX 77522-2149 UNITED STATES OF AMERICA U.S.A. :U.S.A. (86) International Application No :PCT/US2010/046323 (72)Name of Inventor : 1)MICHAEL BRENDAN RODGERS Filing Date :23/08/2010 (87) International Publication No :C08K 3/34 2)WEIQING WENG (61) Patent of Addition to Application 3) JOHN PATRICK SOISSON :NA Number **4)ROBERT NORMAN WEBB** :NA Filing Date **5)SUNNY JACOB** (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract :

A copolymer is formed from an isoolefin having from 4 to 7 carbon atoms and an alkylstyrene. The copolymer has a substantially homogeneous compositional distribution. The copolymer has from about 8 to about 12 wt% of alkylstyrene and at least 85 wt% of isoolefin. The copolymer is preferably halogenated with about 1.1 to about 1.5 wt% of a halogen. The copolymer may in elastomeric nanocomposites. To obtain a good dispersion of the nanoclay in a formulated compound, at least one cure accelerator is selected from the group consisting of mercaptobenzothiazole disulfide, mercaptobenzothiazole, cyclohexyl benzothiazole disulfide, dibutyl thiourea, tetramethylthiuram disulfide, 4-4-dithiodimropholine, zinc dimethyldithiocarbamate, and zinc dibutylphosphorodithiate.

No. of Pages : 34 No. of Claims : 13

(21) Application No.1206/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 10/04/2015

(54) Title of the invention : BEAD WIRE	MANUFACTURING M	ETHOD AND MANUFACTURING 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 Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B21C 37/04 :2009-174341 :27/07/2009 :Japan	<ul> <li>(71)Name of Applicant :</li> <li>1)FUJI SHOJI CO., LTD. Address of Applicant :60, HIRAKATA 13-CHOME, FUKUJUCHO, HASHIMA-SHI, GIFU-KEN, 501-6257, JAPAN</li> <li>(72)Name of Inventor :</li> <li>1)CHIKARA TAKAGI</li> <li>2)HIDETOSHI SHIBUYA</li> </ul>

#### (57) Abstract :

Provided are bead wire manufacturing method and manufacturing apparatus which are capable of effectively utilizing the temperature retained in a wire rod having been raised to a high temperature through wiredrawing, by bluing the wire rod without cooling down the same, and which are little in energy loss. To that end, the method is provided with a descaling step 12 of removing oxide on the surface of a wire rod, a coating liquid adhesion step 13 of adhering a coating liquid to the wire rod, wiredrawing steps 16 of performing area reduction workings on the wire rod, and a bluing step 17 of bluing the wire rod having been raised to a high temperature through the area reduction workings, in a temperature range of 350 °C to 480 °C.

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

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 10/04/2015

(51) International classification	:E21B 43/26	(71)Name of Applicant :
(31) Priority Document No	:61/232,625	1)HOWARD K. SCHMIDT
(32) Priority Date	:10/08/2009	Address of Applicant :20703 BRADFORD CREEK COURT,
(33) Name of priority country	:U.S.A.	CYPRESS, TEXAS 77433, UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2010/045068	U.S.A.
Filing Date	:10/08/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/019750	1)HOWARD K. SCHMIDT
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : HYDRAULIC GEOFRACTURE ENERGY STORAGE SYSTEM

(57) Abstract :

Energy is stored by injecting fluid into a hydraulic fracture in the earth and producing the fluid back while recovering power. The method is particularly adapted to storage of large amounts of energy such as in grid-scale electric energy systems. The hydraulic fracture may be formed and treated with resin so as to limit fluid loss and to increase propagation pressure.

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

(19) INDIA

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 10/04/2015

(51) International classification	:H02N	(71)Name of Applicant :
(31) Priority Document No	:61/270,526	1)AREVA SOLAR INC.
(32) Priority Date	:08/07/2009	Address of Applicant :303 Ravendale Drive Mountain View
(33) Name of priority country	:U.S.A.	California 94043 United States of America U.S.A.
(86) International Application No	:PCT/US2010/041301	(72)Name of Inventor :
Filing Date	:08/07/2010	1)VENETOS Milton
(87) International Publication No	: NA	2)HAWKINS David C.V.
(61) Patent of Addition to Application	.NT A	3)CONLON William M.
Number	:NA	4)PICKLES Charles S.J.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract :		1

#### (54) Title of the invention : SOLAR POWERED HEATING SYSTEM FOR WORKING FLUID

(57) Abstract :

A working fluid heating system that utilizes solar energy and fuel-fired heaters to heat the working fluid is provided. The system may have a fuel heating plant that has a first fuel-fired heater to heat a first portion of working fluid a solar heating plant that has both a solar thermal-energy heater and a second fuel-fired heater to heat a second portion of working fluid. The first and second portions may join in a pipeline to supply heated working fluid to a facility such as an electrical generation facility desalination facility petrochemical facility enhanced oil recovery facility or air conditioning facility.

No. of Pages : 30 No. of Claims : 15

(21) Application No.1154/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/02/2012

(43) Publication Date : 10/04/2015

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:10/770,715	1)DELAVAU LLC
(32) Priority Date	:02/02/2004	Address of Applicant :10101 Roosevelt Boulevard
(33) Name of priority country	:U.S.A.	Philadelphia Pennsylvania 19154 (US) U.S.A.
(86) International Application No	:PCT/US2005/001080	(72)Name of Inventor :
Filing Date	:10/01/2005	1)DIBBLE James W.
(87) International Publication No	: NA	2)LANG Kevin W.
(61) Patent of Addition to Application	:NA	3)MURPHY Gregory B.
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:4413/DELNP/2006	
Filed on	:31/07/2006	
		1

#### (54) Title of the invention : CALCIUM FORTIFICATION OF BREAD DOUGH

(57) Abstract :

The present invention relates to calcium additives useful for fortifying baked goods such as bread products with calcium. The calcium additives are particularly useful for fortifying leavened baked goods with calcium. Methods for preparing the calcium additives and using the calcium additives to fortify baked goods are also disclosed. Generally the calcium additives comprise suspensions of calcium carbonate in acidic aqueous solutions such as citric acid solutions.

No. of Pages : 29 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :08/02/2012

(43) Publication Date : 10/04/2015

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

(51) International classification	:B32B 7/12	(71)Name of Applicant :
(31) Priority Document No	:102009028583.0	1)ROBERT BOSCH GMBH
(32) Priority Date	:17/08/2009	Address of Applicant : POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART, GERMANY
(86) International Application No	:PCT/EP2010/059432	(72)Name of Inventor :
Filing Date	:02/07/2010	1)MAIER, MARTIN
(87) International Publication No	:WO 2011/020640	2)GARNIER, KAI
(61) Patent of Addition to Application	:NA	3)AICHELE, WILFRIED
Number	:NA	4)HAUTMANN, NIKOLAUS
Filing Date	.INA	5)HONER, MICHAEL
(62) Divisional to Application Number	:NA	6)LANDER, JUERGEN
Filing Date	:NA	7)KOENIG, JENS

(57) Abstract :

Described herein is a component composite (2), particularly for motor vehicle applications. The component composite (2) includes a first component (1) having a first contact surface (3), wherein the first contact surface (3) has a surface structure (6) having a microstructure (7) that is superimposed with a nanostructure (10); and at least one second component (4) having a second contact surface (5). Further, a medium, particularly an adhesive layer (12), is disposed between the first contact surface (3) of the first component (1) and the second contact surface (5) of the second component (4) for bonded connection.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : TRANSDERMAL THERAPEUTIC SYSTEM FOR ADMINISTERING FENTANYL OR AN ANALOGUE 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>	:A61K 9/70 :09170223.3 :14/09/2009 :EUROPEAN UNION :PCT/EP2010/063433 :14/09/2010 :WO 2011/029948 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ACINO AG Address of Applicant :AM WINDFELD 35, 83714</li> <li>MIESBACH, GERMANY</li> <li>(72)Name of Inventor :</li> <li>1)SALMAN, NOUHA</li> <li>2)SCHURAD, BJORN</li> <li>3)TEUTSCH, INGO</li> </ul>
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract :

Disclosed is a transdermal therapeutic system for administering an active ingredient through the skin comprising: a) a back layer, b) a reservoir on the back layer comprising b1) a first layer containing active ingredient, at least one gel former, at least one plasticizer, and a first polyisobutylene; and b2) a second layer containing active ingredient, at least one gel former, at least one plasticizer, and a second polyisobutylene, wherein the first polyisobutylene is different from the second polyisobutylene, wherein at least the first layer contains undissolved active ingredient in the form of active ingredient particles; and wherein the active ingredient is fentanyl or an analogue of the fentanyl.

No. of Pages : 34 No. of Claims : 19

(21) Application No.1226/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 10/04/2015

(51) International classification	:G01K	(71)Name of Applicant :
(31) Priority Document No	:2009-176401	1)Asahi Glass Company Limited
(32) Priority Date	:29/07/2009	Address of Applicant :5-1 Marunouchi 1-chome Chiyoda-ku
(33) Name of priority country	:Japan	TOKYO 100-8405 JAPAN
(86) International Application No	:PCT/JP2010/062730	(72)Name of Inventor :
Filing Date	:28/07/2010	1)Yuji Matsui
(87) International Publication No	: NA	2)Toshimichi Kato
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (54) Title of the invention : TRANSPARENT CONDUCTIVE SUBSTRATE FOR SOLAR CELL AND SOLAR CELL

(57) Abstract :

To provide a transparent conductive substrate for a solar cell whereby the fill factor (FF) and the open circuit voltage can be improved and a solar cell using it. A transparent conductive substrate for a solar cell comprising a substrate and at least a tin oxide layer formed thereon wherein the tin oxide layer has ridges and dents on a surface which is not on the substrate side an oxide having titanium as the main component is formed on the surface having the ridges and dents the oxide is particles having an average size of from 1 to 100 nm and the oxide is contained at a density of from 10 to 100 particles/ $\mu$ m2.

No. of Pages : 25 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :03/02/2012

#### (43) Publication Date : 10/04/2015

(54) Title of the invention : VEHICLE CONTROL 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:B60W 30/00 :2009-189499 :18/08/2009 :Japan :PCT/JP2010/063914 :18/08/2010 :WO 2011/021634 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1, TOYOTA-CHO, TOYOTA-SHI, AICHI, 471-8571, JAPAN</li> <li>(72)Name of Inventor :</li> <li>1)TAKEUCHI KEISUKE</li> <li>2)TANAHASHI TOSHIO</li> <li>3)KOIBUCHI KEN</li> <li>4)ITABASHI KAIJI</li> <li>5)NOUMURA SHIN</li> <li>6)HANAMURA HIROYUKI</li> <li>7)TAKANAMI YOJI</li> <li>8)ASAHARA NORIMI</li> </ul>		

(57) Abstract :

A vehicle control system capable of improving drivability by reflecting driving environment and driving preference accurately on driving characteristics. The vehicle control system is configured to change an index for setting driving characteristics of the vehicle. When accelerations Gx and Gy are changed, a sportiness index is changed in a different manner depending on a detail of an operation for changing accelerations Gx and Gy executed by a driver, thereby reflecting the driving preference of the driver appearing on the operation can be reflected on sportiness of the vehicle.

No. of Pages : 107 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : A PROCESS FOR GENERATING CHLORINE DIOXIDE AND CHLOROUS ACID (51) International classification :C01B 11/02 (71)Name of Applicant : (31) Priority Document No :09/919,918 1)SAMPSON, RICHARD (32) Priority Date Address of Applicant :8622 RAINTREE WOODS DRIVE, :02/08/2001 (33) Name of priority country FAIR OAKS RANCH, TX 78015, USA U.S.A. :U.S.A. (86) International Application No 2)SAMPSON, ALLISON :PCT/US2002/23992 Filing Date :29/07/2004 (72)Name of Inventor : (87) International Publication No :WO 03/01175 1)SAMPSON, RICHARD (61) Patent of Addition to Application 2)SAMPSON, ALLISON :NA Number :NA Filing Date (62) Divisional to Application Number :291/DELNP/2004 Filed on :09/02/2004

#### (57) Abstract :

Chlorous acid is generated from a chlorite salt precursor, or a chlorate salt precursor. The ion exchange material facilitates the generation of chlorous acid by simultaneously removing unwanted cations from solution and andding hydrogen ion to solution. Chlorine dioxide is generated in a controlled manner from chlorous acid by catalysis. Chlorine dioxide can be generated either subsequent to the generation of chlorous acid or simultaneously with the generation of chlorous acid. For catalysis of chlorous acid to chlorine dioxide, the chlorous acid may be generated by ion exchange or in a conventional manner. Ion exchanage materials are also used to purify the chlorous acid and chlorine dioxide solutions, without causing degradation of said solutions, to exchange undesirable ions in the chlorous acid and chlorine dioxide solutions with desirable ions, such as stabilizing ions, and to adjust the pH of chlorous acid and chlorine dioxide solutions.

No. of Pages : 42 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 10/04/2015

(54) Title of the invention : METHOD FOR REPRESENTING A PLURALITY OF AT LEAST PARTIALLY OVERLAPPING **OBJECTS** 

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G06T 15/00 :10 2009 042235.8 :18/09/2009 :Germany :PCT/EP2010/005424 :03/09/2010 :WO 2011/032648 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DIEHL AEROSPACE GMBH Address of Applicant :ALTE NUDORFER STRAE 23, 88662</li> <li>UBERLINGEN, GERMANY</li> <li>(72)Name of Inventor :</li> <li>1)SVEN MARCO HOPPE</li> <li>2)JOACHIM BADER</li> </ul>
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#### (57) Abstract :

In a method for representing a plurality of at least partially overlapping objects on a display device having a pixel matrix, wherein a distance value is associated with every object as a measure for a virtual distance to a viewer and the pixels of every object can be associated with an object region, a region priority value is associated with every object region. An object to be represented with a halo is subdivided into the object regions object core and the surrounding halo, the pixels of an object core being associated with a higher region priority value than the pixels of a halo. The pixels of an object without halo are associated with the object region 'object surface' with a lower region priority value than the pixels of a halo. In a preceding process step, the object region of the halo is initially treated and the object region of the object core is processed and displayed in a subsequent process step. A modified distance value is associated with every pixel being the sum of the original distance value multiplied by a region priority factor and the region priority value

No. of Pages : 25 No. of Claims : 8

(19) INDIA

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

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : PATH COMPUTATION SYSTEMS AND METHODS IN OPTICAL NETWORKS

(51) International classification	.1104N	(71)Nome of Ameliant.
(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CIENA CORPORATION
(32) Priority Date	:NA	Address of Applicant :1201 WINTERSON ROAD,
(33) Name of priority country	:NA	LINTHICUM, MARYLAND, 21090, UNITED STATES OF
(86) International Application No	:NA	AMERICA U.S.A.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)PRAKASH, ANURAG
(61) Patent of Addition to Application Number	:NA	2)CHHILLAR, MOHIT
Filing Date	:NA	3)TRNKUS, MARIAN
(62) Divisional to Application Number	:NA	4)KHAN, WASEEM REYAZ
Filing Date	:NA	

(57) Abstract :

A path computation method includes defining photonic constraints associated with a network, wherein the photonic constraints include wavelength capability constraints at each node in the network, wavelength availability constraints at each node in the network, and performing a constrained path computation in the network using Dijkstra's algorithm on a graph model of the network with the photonic constraints considered therein. An optical network includes a plurality of interconnected nodes each including wavelength capability constraints, wavelength availability constraints, and nodal connectivity constraints, and a path computation element associated with the plurality of interconnected photonic nodes, wherein the path computation element is configured to perform a constrained path computation through the plurality of interconnected nodes using Dijkstra's algorithm on a graph model with the photonic constraints considered therein.

No. of Pages : 55 No. of Claims : 20

(21) Application No.1105/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 10/04/2015

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:61/234,768	1)BIO2 TECHNOLOGIES INC.
(32) Priority Date	:10/07/2009	Address of Applicant :12-r Cabot Road Woburn MA 01801
(33) Name of priority country	:U.S.A.	United States of America U.S.A.
(86) International Application No	:PCT/US2010/041331	(72)Name of Inventor :
Filing Date	:07/07/2010	1)James Jenq LIU
(87) International Publication No	: NA	2)Juha-pekka NUUTINEN
(61) Patent of Addition to Application	:NA	3)Adam WALLEN
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract :		

#### (54) Title of the invention : DEVICES AND METHODS FOR TISSUE ENGINEERING

(57) Abstract :

A resorbable tissue scaffold fabricated from bioactive glass fiber forms a rigid three-dimensional porous matrix having a bioactive composition. Porosity in the form of interconnected pore space is provided by the space between the bioactive glass fiber in the porous matrix. Strength of the bioresorbable matrix is provided by bioactive glass that fuses and bonds the bioactive glass fiber into the rigid three-dimensional matrix. The resorbable tissue scaffold supports tissue in-growth to provide osteoconductivity as a resorbable tissue scaffold used for the repair of damaged and/or diseased bone tissue.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 10/04/2015

#### CONTROLLING THE OLEFIN CONTENT (51) International classification :C25F (71)Name of Applicant : (31) Priority Document No 1)THYSSENKRUPP UHDE GMBH :10 2009 032 802.5 (32) Priority Date Address of Applicant : Friedrich-Uhde-Strasse 15 44141 :10/07/2009 (33) Name of priority country Dortmund Germany. :Germany (86) International Application No :PCT/EP2010/004092 (72)Name of Inventor : Filing Date :07/07/2010 1)Thilo VON TROTHA (87) International Publication No : NA 2)Frank URNER (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD FOR DESULFURIZING OLEFIN-CONTAINING CHARGE MATERIAL BY

#### (57) Abstract :

The invention relates to a process and a contrivance for carrying out the desulphurisation of a feed stream containing olefins and hydrogen. The latter may be mixed with additional hydrogen and is split into at least two feed streams. The first feed stream is introduced separately into the reactor and reaches a first catalyst bed which contains the catalyst pellets on a suitable supporting device or a grid. Here the feed stream is heated by the hydrogenation reaction. Downstream of the first catalyst bed further feed stream is supplied which will cool down the reaction gas which can then be passed through a second catalyst bed. Downstream of the second catalyst bed there may be further catalyst beds and further feed stream feed devices. The catalyst beds inside the reactor can be provided in any number type and form desired...

No. of Pages : 19 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :08/02/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : METHOD AND APPARATUS FOR ROUTES SEPARATION IN ASON SERVICES (51) International classification :H04L 12/56 (71)Name of Applicant : (31) Priority Document No **1)ZTE CORPORATION** :200910161630.6 (32) Priority Date Address of Applicant : ZTE PLAZA, KEJI ROAD SOUTH. :20/07/2009 (33) Name of priority country HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT, :China (86) International Application No :PCT/CN2010/075018 SHENZHEN, GUANGDONG PROVINCE 518057, P.R. CHINA Filing Date :06/07/2010 China (87) International Publication No :WO 2011/009376 (72)Name of Inventor : (61) Patent of Addition to Application **1)HUI YANG** :NA Number 2)BAOJIAN QIU :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract :

The present invention discloses a method and an apparatus for routes separation in ASON services, wherein the method comprises: calculating a route between each of different calls or each of different services of a same call in an automatic switched optical network (ASON); wherein if there are enough network resources, then set the routes of the respective services to be independent from each other; and if there are not enough resources, then set the routes of the respective services to be partially overlapped or completely overlapped. According to the technical solution provided by the present invention, the problem in relevant art that the routes carrying each of the services using the same path can be avoided but also the situation that routes cannot be found while there are enough resources can be avoided.

No. of Pages : 27 No. of Claims : 8

# (19) INDIA

(22) Date of filing of Application :08/02/2012

#### (43) Publication Date : 10/04/2015

(54) Title of the invention : ANIMATED	MESSAGING	
<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filed on</li> </ul> </li> </ul>	:G12B :2002950502 :31/07/2002 :Australia	<ul> <li>(71)Name of Applicant :</li> <li>1)InChain Pty Ltd.</li> <li>Address of Applicant :1270 Ferntree Gully Road Scoresby VIC 3179 Australia</li> <li>(72)Name of Inventor :</li> <li>1)RUSSELL Nicholas</li> <li>2)FELICH Andrew</li> <li>3)JENKINS James</li> </ul>

(57) Abstract :

A method and apparatus that allows an animated interactive talking character to appear on a users screen when conducting an Instant Messaging (IM) session. The character which is displayed on the users screen is determined by a profile for the sender of the message. This allows a user to pre-select which character will be displayed on the screen of recipients of the instant messages.

No. of Pages : 50 No. of Claims : 46

(19) INDIA

(22) Date of filing of Application :01/10/2013

(43) Publication Date : 10/04/2015

# (54) Title of the invention : AIR FILTER FOR CHEETAH/CHETAK HELICOPTER

(51) International classification	:G01C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASERDC, HAL, ACCESSORIES DIVISION LUCKNOW
(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, UP,
Filing Date	:NA	INDIA Uttar Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ARUP SARKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This filter is designed to prevent humidity and dust particle from entering into the compressed air circuit. It ensures that clean air enters into the suction system of gyro instruments.

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

(19) INDIA

(22) Date of filing of Application :08/02/2012

(43) Publication Date : 10/04/2015

(51) International classification	:H04J 14/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(32) Priority Date	:NA	Address of Applicant :SE-164 83 STOCKHOLM (SE)
(33) Name of priority country	:NA	Sweden
(86) International Application No	:PCT/EP2009/060736	(72)Name of Inventor :
Filing Date	:19/08/2009	1)GROSSO, RENATO
(87) International Publication No	:WO 2011/020502	2)MARCHIONINI, LORENZO
(61) Patent of Addition to Application	. NT A	3)QUADRINI, LISA
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 41 4		

# (54) Title of the invention : IMPROVEMENTS IN OPTICAL NETWORKS

(57) Abstract :

An optical network (10) comprises a first optical transmitter (12), a first controller (14), optical receiver apparatus (16) and an optical network element (20) comprising an optical receiver (22), a second optical transmitter (24), and a second controller (26). The first controller controls the first optical transmitter to generate and transmit a first optical signal having a first signal format until the optical receiver apparatus detects the second optical signal and subsequently controls it to apply a second signal format to said first optical signal at different wavelength until a first optical having a second signal format is detected. The second controller subsequently maintains generation and transmission of the second optical signal at the wavelength at which the first optical signal was identified as having the second signal format.

No. of Pages : 35 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 10/04/2015

(51) International classification	:B23K 11/11	(71)Name of Applicant :
(31) Priority Document No	:2009-199908	1)NIPPON STEEL CORPORATION
(32) Priority Date	:31/08/2008	Address of Applicant :6-1, MARUNOUCHI 2-CHOME,
(33) Name of priority country	:Japan	CHIYODA-KU, TOKYO 100-8071, JAPAN
(86) International Application No	:PCT/JP2010/064748	(72)Name of Inventor :
Filing Date	:30/08/2010	1)HATSUHIKO OIKAWA
(87) International Publication No	:WO 2011/025015	2)HIDEKI HAMATANI
(61) Patent of Addition to Application	:NA	3)MASAFUMI AZUMA
Number		4)NORIYUKI SUZUKI
Filing Date	:NA	5)FUMINORI WATANABE
(62) Divisional to Application Number	:NA	6)NAOKI MARUYAMA
Filing Date	:NA	7)HIROYUKI KAWATA
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# (54) Title of the invention : SPOT WELDED JOINT AND SPOT WELDING METHOD

(57) Abstract :

Provided is a spot welded joint (10) which includes at least one thin steel plate with a tensile strength of 750 MPa to 1850 MPa and a carbon equivalent Ceq of equal to or more than 0.22 mass% to 0.55 mass% and in which a nugget (3) is formed in an interface of the thin steel plates (1A, 1B). In a nugget outer layer zone, a microstructure consists of a dendrite structure in which an average value of arm intervals is equal to or less than 12  $\mu$ m, an average grain diameter of carbides contained in the microstructure is 5 nm to 100 nm, and a number density of carbides is equal to or more than 2 x 106/mm2.

No. of Pages : 139 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 10/04/2015

(54) Title of the invention : COMPOSITIONS COMPRISING A CHOLINESTERASE INHIBITOR FOR TREATING COGNITIVE DISORDERS 

<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>	:A61K 31/40 :61/226,425 :17/07/2009 :U.S.A. :PCT/US2010/042308 :16/07/2010 :WO 2011/009061 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ALLERGAN, INC. Address of Applicant :2525 DUPONT DRIVE, T2-7H, IRVINE, CALIFORNIA 92612, UNITED STATES OF AMERICA U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)URSULA V. STAUBLI</li> <li>2)JOHN E. DONELLO</li> </ul>
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(57) Abstract :

Disclosed herein is a pharmaceutical composition comprising a cholinesterase inhibitor and compound of the following formula: The composition is effective for treating cognitive disorders, and methods of treating such disorders using the composition are also disclosed.

No. of Pages : 42 No. of Claims : 18

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

(43) Publication Date : 10/04/2015

# (54) Title of the invention : INTERLOCK DEVICE OF DRAW-OUT TYPE CIRCUIT BREAKER, DRAW-OUT TYPE CIRCUIT BREAKER, AND POWER DISTRIBUTION BOARD

<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>	:H01T :2011- 050897 :09/03/2011 :Japan :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HITACHI LTD.</li> <li>Address of Applicant :6-6, MARUNOUCHI 1-CHOME,</li> <li>CHIYODA-KU, TOKYO 100-8280, JAPAN</li> <li>(72)Name of Inventor :</li> <li>1)KOBAYASHI MASATO</li> <li>2)SUZUKI MASATO</li> <li>3)MORITA AYUMU</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

# (57) Abstract :

To provide an interlock device satisfying that a draw-out type circuit breaker is firmly fixed at an operation position and a disconnected position, is always in an open state when the draw-out type circuit breaker is moved from the operation position and is moved to the operation position, and remains in the open state while the draw-out type circuit breaker is placed at a position other than the operation position and the disconnection position; the interlock device is provided with a tripping button (1) that is linked to a tripping mechanism of the draw-out type circuit breaker and an interlock rod (3) that is placed so as to be movable up and down, and is constructed so that the tripping button mechanically prevents an operation to raise the interlock rod unless the tripping button is operated to place the draw-out type circuit breaker in the open state, so a power distribution board floor surface or a member (55) fixed on the power distribution board floor surface and the interlock rod interfere with each other, thereby the draw-out type circuit breaker is fixed at a prescribed position in a power distribution board.

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

(21) Application No.1123/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 10/04/2015

(51) International classification	:H01C	(71)Name of Applicant :
(31) Priority Document No	:12/500,367	1)Joseph HARTLEY
(32) Priority Date	:09/07/2009	Address of Applicant :c/o Hartley Construction Inc. P.O. Box
(33) Name of priority country	:U.S.A.	854 Kula Hawaii 96790 United States of America. U.S.A.
(86) International Application No	:PCT/US2010/040557	(72)Name of Inventor :
Filing Date	:30/06/2010	1)Joseph HARTLEY
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

# (54) Title of the invention : DEVICE & METHOD FOR FILLING MULTIPLE SANDBAGS AT A TIME

(57) Abstract :

An implement for mechanically filling multiple sandbags at a time is used on a loader bucket of loader-type equipment. The implement has a planar surface in which a plurality of filler apertures are formed in a plurality of rows evenly spaced over its surface area. Each filler aperture has a tensioner ring around the aperture for holding a drawstring held in a sleeve around an open end of the sandbag. A trigger mechanism is movable to a locked position in which the drawstring of the sandbag is pulled tight so that the open end of the sandbag is held in place on the tensioner ring, to an unlocked position in which the trigger mechanism lifts the drawstring off the tensioner ring to allow the sandbag filled with filler material to pull on and cinch the open end of the sandbag closed, and to a release position in which the cinched sandbag is released to the ground.

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

(19) INDIA

(22) Date of filing of Application :07/02/2012

## (43) Publication Date : 10/04/2015

(54) Title of the invention : CONNECTIO	N 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</li> </ul>	:H02M :2009-166867 :15/07/2009 :Japan	<ul> <li>(71)Name of Applicant :</li> <li>1)NIPRO CORPORATION</li> <li>Address of Applicant :9-3 Honjo-nishi 3-chome Kita-ku</li> <li>Osaka-shi Osaka 531-8510 Japan.</li> <li>(72)Name of Inventor :</li> </ul>
Filing Date (87) International Publication No (61) Patent of Addition to Application	:12/07/2010 : NA	1)Tomohiko KUBO
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

# (57) Abstract :

The present invention is a device capable of preventing an operation of establishing communication between a syringe and a vial from being forgotten by error. Holding means (4) constituting a connection device (1) includes: a syringe holding member (6) to be attached to a syringe (2); a cannula holding member (7) which includes a double-head cannula (5) is located at a retracted position retracted with respect to the syringe holding member in the pre-use state and is advanced to an advanced position abutting on the syringe holding member in the use state;

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

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 10/04/2015

(51) International classification	:E05B 65/20	(71)Name of Applicant :
(31) Priority Document No	:2009-173170	1)AISIN SEIKI KABUSHIKI KAISHA
(32) Priority Date	:24/07/2009	Address of Applicant :1, ASAHI-MACHI, 2-CHOME,
(33) Name of priority country	:Japan	KARIYA-SHI, AICHI-KEN, 448-8650, JAPAN
(86) International Application No	:PCT/JP2010/06148	(72)Name of Inventor :
Filing Date	:30/06/2010	1)RYUJIRO AKIZUKI
(87) International Publication No	:WO 2011/010553	2)TAKASHI NISHIO
(61) Patent of Addition to Application	:NA	3)NOBUKO WATANABE
Number	:NA :NA	4)KAZUNORI KOJIMA
Filing Date	.1NA	5)SHO SANNOHE
(62) Divisional to Application Number	:NA	6)YUSUKE YAMADA
Filing Date	:NA	7)YAUSHIKO SONO
		1

# (54) Title of the invention : DOOR LOCK DEVICE FOR VEHICLE

(57) Abstract :

A door lock device Ao includes a lever mechanism A4 which carries out lock/unlock operation in response to turn operation of a key cylinder. The lever mechanism A4 includes a key rotor 42 which includes a coupling hole to which an inner end of a rod is coupled in a torque transmittable manner and is rotatably assembled to a housing 10, and a key lever 43 which includes a hub 43c which is coupled to the key rotor 42 in a torque transmittable manner and is arranged in the housing 10. The key lever 43 includes a first arm 43a which extends to radial outward direction from the hub 43c and is capable of engaging with a first engagement portion 41a1 of the active lever 41, and a second arm 43b which extends to radial outward direction from the hub 43c and is capable of engaging with a second engagement portion 41a2 of the active lever 41.

No. of Pages : 36 No. of Claims : 7

(21) Application No.1222/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 10/04/2015

(51) International classification	:C02F 9/02	(71)Name of Applicant :
(31) Priority Document No	:2009210363	1)AL-SAMADI RIAD
(32) Priority Date	:15/08/2009	Address of Applicant :891 KINGSWAY DRIVE,
(33) Name of priority country	:Australia	BURLINGTON, ONTARIO L7T 3H8, CANADA
(86) International Application No	:PCT/CA2010/001240	(72)Name of Inventor :
Filing Date	:11/08/2010	1)AL-SAMADI RIAD
(87) International Publication No	:WO 2011/020176	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

# (54) Title of the invention : ENHANCED HIGH WATER RECOVERY MEMBRANE PROCESS

(57) Abstract :

Disclosed is an economical process for the purification of water containing soluble and sparingly soluble inorganic compounds using single-stage or two-stage membrane processes that integrate membrane water purification with chemical precipitation softening and residual hardness and silica removal from the membrane concentrates using ion exchange resins and silica sequestering media, respectively. The purified water recovery in the present invention will not be adversely affected by design and/or operational deficiencies in the chemical precipitation softening system that may result in higher residual hardness and silica in the supernatant from the clarifier

No. of Pages : 55 No. of Claims : 23

(19) INDIA

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

(43) Publication Date : 10/04/2015

# (54) Title of the invention : AN ARTICLE FOR FEEDING ANIMALS AND ITS METHOD OF USE THEREOF

(31) Priority Document No:N(32) Priority Date:N(33) Name of priority country:N(86) International Application No:NFiling Date:N(87) International Publication No:N(61) Patent of Addition to Application Number:NFiling Date:NStiling Date:NStiling Date:NStiling Date:NStiling Date:N	<ul> <li>A Address of Applicant :ARJAN IMPEX PVT LTD AG-100,</li> <li>A SANJAY GANDHI NAGAR DELHI-110042 (INDIA) Delhi</li> <li>A India</li> <li>A (72)Name of Inventor :</li> <li>A I)KALRA, ATUL</li> <li>A A</li> </ul>
(62) Divisional to Application Number :N Filing Date :N	

(57) Abstract :

The present invention provides a pet mat assembly for feeding animals comprising a mat having a top layer wherein at least a portion thereof is magnetized with at least one magnetic element and a bottom layer is composed of a non-skid material, the top layer being affixed to the bottom layer; and a container whose bottom is made of a ferretic material and is magnetically responsive to the magnetic element at the top layer of the mat; wherein relative movement of the container with respect to the mat is restricted when the container is in magnetic engagement with the mat.

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

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

# (54) Title of the invention : METHOD AND CONTROLLER FOR CALIBRATING AN AUTOMATIC STEERING PARKING AID

<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>	:B60W 30/06 :10 2009 028 261.0 :05/08/2009 :Germany :PCT/EP2010/061256	<ul> <li>(71)Name of Applicant :</li> <li>1)ROBERT BOSCH GMBH</li> <li>Address of Applicant :POSTFACH 30 02 20, 70442</li> <li>STUTTGART, GERMANY</li> <li>(72)Name of Inventor :</li> </ul>
<ul> <li>(87) International Publication No</li> <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	

(57) Abstract :

The present subject matter describes a method for calibrating a parking aid, which is set up for actively controlling a steering angle ( $\phi$ ) of a vehicle. The method begins with an automatic detection of a parking gap by means of sensors (132) and calculation of a target course (30) using the detected parking gap. The steering angle ( $\phi$ ) is controlled according to the calculated target course (30) by means of a controllable actuator. An actual course resulting from the controlling is resulted according to the target course. The actual course is compared with the target course and an error (70) resulting from the comparison is determined. A correction parameter linked to the error is generated by a monotonic function. The controlling of the steering angel includes controlling according to a combination of an adjusting angle and the correction parameter.

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

(19) INDIA

(22) Date of filing of Application :09/02/2012

## (43) Publication Date : 10/04/2015

(54) Title of the invention : DISPOSABLE	E USB CUP	
<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A61B 5/00 :61/228,438 :24/07/2009 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)FLOMETRICA LTD.</li> <li>Address of Applicant : 14/6 TIDHAR STREET, P.O.B. 2470,</li> <li>30900 ZICHRON-YAAKOV, ISRAEL</li> <li>(72)Name of Inventor :</li> <li>1)COHEN, ZEEV</li> </ul>

(57) Abstract :

The present invention provides a handheld USB Cup for use in collection of a fluidic body sample, comprising a receptacle comprising side surfaces, a bottom plate and a sensor assembly, the sensor assembly comprising at least one sensor and a slave circuitry; said sensor assembly is permanently affixed to said side surfaces or said bottom plate. The receptacle is capable of maintaining the fluidic body sample for a sufficient time period in the vicinity of the sensor thereby the sensor is operative to provide continuous measurement of an electric, chemical or physical property of the urine. The slave circuitry responds to the electric, chemical or physical property of the sensor and is configured and operable to electronically communicate the measurement of the electric, chemical or physical property of the fluidic body sample to an external processing master unit.

No. of Pages : 57 No. of Claims : 30

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 10/04/2015

(54) Title of the invention : SYNTHETIC MYCOTOXIN ADSORBENTS AND METHODS OF MAKING AND UTILIZING 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:G01N 33/00 :61/237,549 :27/08/2009 :U.S.A. :PCT/US2010/047032 :27/08/2010 :WO 2011/031562 :NA	<ul><li>(72)Name of Inventor :</li><li>1)YIANNIKOURIS, ALEXANDROS</li><li>2)KWIATKOWSKI, STEFAN</li></ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)KWIATKOWSKI, STEFAN 3)KUDUPOJE, MANOJ, BOJAPPA 4)MATNEY, CLAYTON
(62) Divisional to Application Number Filing Date	:NA :NA	

# (57) Abstract :

The present invention relates generally to molecularly imprinted polymers (MIPs). In particular, the present invention relates to reusable, ecologically friendly MIPs that can be produced in relatively large quantities, methods of producing the same, and methods of utilizing the same (e.g., to sequester and/or adsorb target compounds (e.g., mycotoxins)). Compositions and methods of the invention find use in a variety of applications including dietary therapeutic, prophylactic, food and beverage processing and manufacture, as well as research, quality control and traceability applications.

No. of Pages : 104 No. of Claims : 44

(19) INDIA

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

(43) Publication Date : 10/04/2015

(54) Title of the invention : A SYSTEM AND METHOD FOR CONTROLLING AN ENGINE		
(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:1105465.7	1)FORD GLOBAL TECHNOLOGIES, LLC
(32) Priority Date	:31/03/2011	Address of Applicant :SUITE 800 FAIRLANE PLAZA
(33) Name of priority country	:U.K.	SOUTH, 330 TOWN CENTER DRIVE, DEARBORN,
(86) International Application No	:NA	MICHIGAN 48126, UNITED STATES OF AMERICA U.S.A.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)CRISP, NICHOLAS DASHWOOD
(61) Patent of Addition to Application Number	:NA	2)SKILLING, MARK RICHARD
Filing Date	:NA	3)CONNELLY, CHRIS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A method and system for dealing with a change of mind event during an automatic shut-down of an engine 6 having a dual mass flywheel 8 is provided that reduces or eliminates the risk of excessive dual mass resonance during a restart of the engine 6. Excessive resonance is reduced or eliminated by preventing the restarting of the engine 6 while its rotational speed falls within a predetermined speed range that encompasses the speed range where resonance is most likely to occur. A further advantageous aspect of the invention is that a throttle valve 10 is opened during the period when restarting is prevented so that the engine 6 is ready to be restarted in a favourable manner as soon as the speed falls below the predetermined speed range. In a preferred embodiment one or more ancillary loads 10 applied to the engine 6 are removed during the period when restarting is prevented thereby allowing the engine 6 to accelerate strongly through the predetermined speed range when it is restarted.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 10/04/2015

# (54) Title of the invention : RECONFIGURABLE OPTICAL ADD/DROP MULTIPLEXING DEVICE FOR ENABLING TOTALLY INRESISTANT COLORLESS

# (57) Abstract :

This invention provides a reconfigurable optical add/drop multiplexing device for enabling totally inresistant colorless. A dropping unit is configured to separate multi-wavelength optical signals which are among direction 1X and inputted in circuit direction, switch multi-wavelength optical signals among direction 1X to any corresponding output port through multiple N-N optical switches, and send optical signals to corresponding Receiver after combining the received optical signals by corresponding K-1 coupler/optical switch; an adding unit is configured to broadcast optical signals sent by Transmitter to multiple N—N optical switches through N 1— K couplers/ optical switches, switch optical signals to any corresponding output port by each optical switch, and output the corresponding optical signals in direction 1X to circuit direction after optical signals are implemented with optical multiplexing. X is an integer greater than or equal to 2; K and N are integers. This invention can enable the totally inresistant colorless in adding/dropping units.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 10/04/2015

# (54) Title of the invention : SYSTEM FOR MANAGING TORQUE IN A VEHICLE DRIVELINE COUPLED TO AN INTERNAL COMBUSTION ENGINE AND AN ELECTRIC MOTOR

<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>	:G05D 3/00 :12/508,309 :23/07/2009 :U.S.A. :PCT/US2010/040303 :29/06/2010 :WO 2011/011165 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ALLISON TRANSMISSION, INC. Address of Applicant :4700 WEST 10TH STREET, INDIANAPOLIS, INDIANA 46222 UNITED STATES OF AMERICA U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)KRESSE, JOHN</li> <li>2)RUNDE, JEFFREY</li> </ul>
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## (57) Abstract :

A system is provided for managing torque in a vehicle driveline coupled to an internal combustion engine and to a hybrid motor/generator. An engine control circuit provides to a transmission control circuit an engine torque value corresponding to torque applied by the engine to the driveline. A hybrid control circuit provides to the transmission control circuit a motor torque value corresponding to torque applied by the hybrid motor/generator to the driveline. The transmission control circuit controls operation of at least one friction device and controls shifting of the transmission, and also manages torque applied to the drive line by the engine and by the hybrid motor/generator based on the engine torque value and the motor torque value such that the friction device control and shift schedule instructions do not require modification to accommodate inclusion of the hybrid motor/generator in the system.

No. of Pages : 41 No. of Claims : 25

(19) INDIA(22) Date of filing of Application :03/10/2013

(43) Publication Date : 10/04/2015

# (54) Title of the invention : ELECTRICITY FROM WIND TURBINE SYSTEM USING SOLAR CHIMNEY DRAFT

<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>	:F03D :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)RBEF, NEW DELHI <ul> <li>Address of Applicant :B-27, DEFENCE COLONY, NEW</li> </ul> </li> <li>DELHI Delhi India <ul> <li>(72)Name of Inventor :</li> <li>1)ASHOK KUMAR RAGHAV</li> </ul> </li> </ul>
(87) International Publication No	: NA	2)SUBHRA DAS
(61) Patent of Addition to Application Number	:NA	3)SANJEEV KUMAR SHARMA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a wind turbine system using solar chimney draft comprising one large diameter centrally-mounted outward radial-flow or mixedflow wind-turbine. The chimney has thin curved fins designed for smooth flow guidance at entry and tangential exit to increase suction effect due to swirling flow inside the chimney space. This gives higher power due to bigger rotor diameter, thereby increasing wheel torque even at lower wind speeds. An electricity producing single generator is centrally mounted through suitable gear ratio to generate electricity at higher frequency for gridding action.

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

(22) Date of filing of Application :03/10/2013

# (43) Publication Date : 10/04/2015

#### (54) Title of the invention : A NOVEL COMPOSITION FOR THE PREPARATION OF HERBAL MOSQUITO REPELLENT AND THE PROCESS THEREOF

(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(36) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NAFiling Date:NA	Address of Applicant :AMITY UNIVERSITY UTTAR PRADESH SECTOR 125, NOIDA 201303, INDIA Uttar Pradesh India (72)Name of Inventor : 1)CHARU GUPTA 2)DHAN PRAKASH
(62) Divisional to Application Number:NAFiling Date:NA	

(57) Abstract :

The present invention relates to the novel formulation for herbal bath soap and the process for the preparation of the same which is natural, removes dirt, moisturizes and gives soothing sensation to the skin. The herbal soap is suitable for the dry and flaky skin. The herbal soap formulation refreshes body, removes dryness and roughness and is designed for daily use. The herbal soap formulation essentially comprises the extracts obtained by process from aerial parts of Myxopyrum smilacifolia (Chaturmulla), stem bark of Ptemspermum acerifolium (Kanak champa) and unripe fruits of Trewia nudiflora (Pitali, Gutel) mixed with suitable essential oil for fragrance. The extracts are mixed with suitable carrier base. The herbal bath soap has no side effects and is suitable for external application.

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

(19) INDIA

(22) Date of filing of Application :07/02/2012

#### (43) Publication Date : 10/04/2015

(54) Title of the invention : ANTENNA I	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 Filing Date</li> </ul>	:H04B 7/04 :61/233,972 :14/08/2009 :U.S.A. :PCT/SE2009/051426 :15/12/2009 :WO 2011/019310 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :SE-164 83 STOCKHOLM (SW) Sweden</li> <li>(72)Name of Inventor :</li> <li>1)RINGSTROM, MARKUS</li> <li>2)GORANSSON, BO</li> <li>3)OVESJO, FREDRIK</li> <li>4)ASPLUND, HENRIK</li> </ul>

(57) Abstract :

The invention relates to the technical field of radio communications, and in particular to an antenna device for a radio base station, and a method for precoding data in a Multiple-Input Multiple-Output (MIMO) system. Embodiments of the invention disclose a secondary precoder 24 in series with a multiple-input multiple-output precoder 22. The secondary precoder 24 has a plurality of inputs 34, 36 and a plurality of outputs 38, 40. The second plurality of inputs being in communication with each plurality of outputs 38, 40 such that one or more signals input to a respective one or more of the second plurality of inputs 34, 36 provides a substantially equal power of signals at the second plurality of outputs 38,40.

No. of Pages : 37 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :08/02/2012

(43) Publication Date : 10/04/2015

#### (71)Name of Applicant : (51) International classification :G01V 1)SEKISUI CHEMICAL CO. LTD. (31) Priority Document No :2009-163317 Address of Applicant :2-4-4 Nishitenma Kita-ku Osaka-shi (32) Priority Date :10/07/2009 Osaka 530-8565 Japan (33) Name of priority country :Japan 2)KEIO UNIVERSITY (86) International Application No :PCT/JP2010/061378 (72)Name of Inventor : Filing Date :10/07/2010 1)Hirotsugu YOSHIDA (87) International Publication No : NA 2)Ryosuke NAKAO (61) Patent of Addition to Application :NA 3)Hiroka INABE Number :NA 4)Tazuru OKAMOTO Filing Date 5)Yuki MASABE (62) Divisional to Application Number :NA 6)Masato AOYAMA Filing Date :NA 7)Yasuhiro KOIKE

(54) Title of the invention : OPTICAL FIBER AND METHOD FOR MANUFACTURING SAME

# (57) Abstract :

An optical fiber configured from a core portion and a cladding portion disposed on an outer periphery of the core portion wherein the core portion is formed by a main constituent component of a polymer of monomers that include at least 70 wt% of trichloroethyl methacrylate (TCEMA) the cladding portion is formed by a main constituent component of a polymer of monomers which include at least 20 wt% of methyl methacrylate (MMA).

No. of Pages : 35 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :04/10/2013

(43) Publication Date : 10/04/2015

# (54) Title of the invention : METHOD AND SYSTEM FOR SELECTING AND EXECUTING TEST SCRIPTS

<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	<ul> <li>(71)Name of Applicant :</li> <li>1)UNISYS CORPORATION <ul> <li>Address of Applicant :C/O PATENT &amp; TECHNOLOGY</li> <li>LAW GROUP MS/2NW, 801 LAKEVIEW DRIVE, SUITE 100,</li> <li>BLUE BELL, PA 19422, UNITED STATES OF AMERICA</li> <li>U.S.A.</li> <li>(72)Name of Inventor :</li> </ul> </li> </ul>
<ul> <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>	: NA :NA :NA :NA :NA	(72)Name of Inventor : 1)MANJUNATHA NANJUNDAPPA

(57) Abstract :

Systems and methods are disclosed herein to a method for reusing test automation framework across multiple applications, the method comprises receiving a selection of one or more test scripts fiom a user to test an application; creating an execution list containing every selected test script; loading the instructions of the test script into the computer-readable memory when the test script is found in the test script repository; executing the test script testing the application according to the instructions defined by the utility functions or the common functions when the test script calls either the common hnctions or the utility functions; checking the applications status after the test terminates operation; and recovering and closing the application if the application failed before executing a second test script testing the application.

No. of Pages : 44 No. of Claims : 21

# (19) INDIA

(22) Date of filing of Application :04/10/2013

(43) Publication Date : 10/04/2015

# (54) Title of the invention : METHOD AND SYSTEM FOR SELECTING AND EXECUTING TEST SCRIPTS

<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>	:NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)UNISYS CORPORATION <ul> <li>Address of Applicant :C/O PATENT &amp; TECHNOLOGY</li> <li>LAW GROUP MS/2NW, 801 LAKEVIEW DRIVE, SUITE 100,</li> <li>BLUE BELL, PA 19422, USA U.S.A.</li> </ul> </li> </ul>
<ul> <li>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>	:NA : NA :NA :NA :NA :NA	(72)Name of Inventor : 1)MANJUNATHA NANUNDAPPA

# (57) Abstract :

Systems and methods are disclosed herein to a method for reusing test automation framework across multiple applications, the method comprises receiving a selection of one or more test scripts from a user to test an application; creating an execution list containing every selected test script; loading the instructions of the test script into the computer-readable memory when the test script is found in the test script repository; executing the test script testing the application according to the instructions defined in the test script and according to computer instructions defined by the utility functions or the common functions when the test script calls either the common functions or the utility functions; checking the applications status after the test terminates operation; and recovering and closing the application if the application failed before executing a second test script testing the application.

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

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 10/04/2015

(51) International classification	:C09D 5/00	(71)Name of Applicant :
(31) Priority Document No	:2009-273782	1)BASF COATINGS JAPAN LTD.
(32) Priority Date	:01/12/2009	Address of Applicant : TOTSUKA PLANT, 296,
(33) Name of priority country	:Japan	SHIMOKURATA-CHO, TOTSUKA-KU, 244-0815
(86) International Application No	:PCT/IB2010/002703	YOKOHAMA, JAPAN
Filing Date	:20/10/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/067637	1)YASUHIRO MOMMA
(61) Patent of Addition to Application	:NA	2)HARUHIKO MURAKAMI
Number	:NA	3)TETSUYA KURODA
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

# (54) Title of the invention : METHOD FOR THE FORMATION OF PAINT FILMS AND THE PAINT FILMS

(57) Abstract :

To provide a method for the formation of a paint film with which the adhesion with an anodic oxide film which has been formed on the surface of an aluminum or aluminum alloy part of the paint film comprising an anti-rust primer paint film which has been formed on said anodic oxide film and a topcoat paint film, as required, is excellent and which has excellent corrosion resistance, and the paint films obtained with this method of forming a paint film. [Means of Resolution] A method for the formation of a paint film in which an aluminum or aluminum alloy part is subjected to an anodic oxidation treatment and an anodic oxide film is formed on the surface of the aluminum or aluminum alloy part, an anti-rust primer is coated on said anodic oxide film and an anti-rust primer paint film is formed and, as required, a top-coat paint is coated on said anti-rust primer paint film and a top-coat paint film is formed in which said anti-rust primer includes a base resin comprising hydroxyl group containing epoxy resin and a hardening agent, selected from among melamine resin and polyisocyanate, and barium sulfate, and the proportion of said barium sulfate included is a proportion within the range from 20 to 70 parts by mass per 100 parts by mass in total of the solid fractions of the base resin and the hardening agent.

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

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 10/04/2015

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:12/07/2010 : NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)IVY PHARM LLC <ul> <li>Address of Applicant :ul. Pskovskaya 17 St.Petersburg</li> </ul> </li> <li>190121 Russia.</li> <li>(72)Name of Inventor : <ul> <li>1)BALAZOVSKY Mark Borisovich</li> <li>2)ANTONOV Viktor Georgievich</li> <li>3)BELYAEV Alexandr Nikolaevich</li> <li>4)EREMIN Alexei Vladimirovich</li> </ul> </li> </ul>
		4)EREMIN Alexei Vladimirovich

# (54) Title of the invention : LOW MOLECULAR WEIGHT PHARMACOLOGICAL ACTIVITY MODULATORS

## (57) Abstract :

Claimed are a compound of the general formula (I) and pharmaceutically acceptable salts thereof, where M signifies metal atoms selected independently from the group comprising Pd, Fe, Mn, Co, Ni, Cu, Zn and Mo; R1 and R2, independently of each other, signify hydrogen, amino, hydroxy, oxy, carboxy, cyano, C1-12alky1, C2-12alkeny1, C2- 12alkyny1, C1-12alkoxy, C1-12alkylamin0, C1-12alkoxycarbony1, C1-12alkylamid0, arylamido, wherein the alkylene groupings in the given substituents can in turn be substituted by one or more of the following groups: hydroxy, oxy, carboxy, amino or amido; R3-R10, independently of each other, signify hydrogen; or NHR3R4 and NHR5R6, taken together, and/or NHR7R8 and NHR9R10, taken together, are a ligand (or ligands) containing one or several donor aliphatic or aromatic atoms of nitrogen and being in cis position on the metal atoms (M). The claimed compound can be used in a preparation containing a coordination compound and free molecules of an aliphatic thiol (or derivatives thereof), which are not bound to the coordination compound. The coordination compound and the free molecules of an aliphatic thiol (or derivatives thereof) in the preparation can be in either cationic or anionic form or in the form of neutral particles. The proposed substances are capable of making the action of drugs more effective by increasing the affinity of the target to the drug and/or providing for therapeutically optimal concentrations of the drug in the microenvironment of the target and/or reducing the toxicity of drugs.

No. of Pages : 100 No. of Claims : 28

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 10/04/2015

# (54) Title of the invention : NEW PROCESS FOR THE SYNTHESIS OF IV ABRADINE AND ADDITION SALTS THEREOF WITH A PHARMACEUTICALLY ACCEPTABLE ACID

Т

(51) International classification:A61K(31) Priority Document No:11/00446(32) Priority Date:14/02/201(33) Name of priority country:France(86) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA	<ul> <li>(71)Name of Applicant :</li> <li>1)LES LABORATOIRES SERVIER <ul> <li>Address of Applicant :35, RUE DE VERDUN F- 92284</li> </ul> </li> <li>SURESNES CEDEX, FRANCE <ul> <li>(72)Name of Inventor :</li> <li>1)PEGLION JEAN-LOUIS</li> <li>2)DESSINGES AIMEE</li> </ul> </li> </ul>
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(57) Abstract :

Process for the synthesis of ivabradine of formula (I): and addition salts thereof with a pharmaceutically acceptable acid.

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

(19) INDIA

(22) Date of filing of Application :04/10/2013

(43) Publication Date : 10/04/2015

# (54) Title of the invention : METHOD AND SYSTEM FOR SELECTING AND EXECUTING TEST SCRIPTS

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)UNISYS CORPORATION
(32) Priority Date	:NA	Address of Applicant :C/O PATENT & TECHNOLOGY
(33) Name of priority country	:NA	LAW GROUP MS/2NW, 801 LAKEVIEW DRIVE, SUITE 100,
(86) International Application No	:NA	BLUE BELL, PA 19422, UNITED STATES OF AMERICA
Filing Date	:NA	U.S.A.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MANJUNATHA NANJUNDAPPA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods are disclosed herein to a method for reusing test automation framework across multiple applications, the method comprises receiving a selection of one or more test scripts from a user to test an application; creating an execution list containing every selected test script; loading the instructions of the test script into the computer-readable memory when the test script is found in the test script repository; executing the test script testing the application according to the instructions defined in the test script and according to computer instructions defined by the utility functions or the common functions when the test script calls either the common functions or the utility functions; checking the applications status after the test terminates operation; and recovering and closing the application if the application failed before executing a second test script testing the application.

No. of Pages : 43 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 10/04/2015

(54) Title of the invention : WIND- TUR	BINE ROTOR BALDE	
<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 <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:B61G :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MITSUBISHI HEAVY INDUSTRIES LTD. Address of Applicant :16-5 Konan 2-chome Minato-ku Tokyo Japan</li> <li>(72)Name of Inventor :</li> <li>1)ESAKI Kouji</li> <li>2)KUROIWA Takao</li> <li>3)KAWASETSU Nozomu</li> </ul>

# (57) Abstract :

A wind-turbine rotor blade having an outer skin member formed of fiber-reinforced plastic, shear webs, and trailingedge sandwich members disposed closer to a trailing edge than the shear webs are, wherein the outer skin member at a dorsal side located closer to the trailing-edge end of the trailing-edge sandwich member located at the dorsal side is or a vicinity of the trailing-edge end of the trailing-edge sandwich member located at the dorsal side is coupled, via a reinforcing member, with the outer skin member at a ventral side located closer to the trailing edge than a trailing-edge end of the trailing-edge end of the trailing-edge end of the trailing-edge sandwich member located at the ventral side located closer to the trailing edge than a trailing-edge end of the trailing-edge sandwich member located at the ventral side is or a vicinity of the trailing-edge end of the trailing-edge sandwich member located at the ventral side.

No. of Pages : 42 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :01/10/2013

# (54) Title of the invention : MAIN WHEEL FOR INTERMEDIATE JET TRAINER (IJT)

(51) International classification	:B23P, G01M	(71)Name of Applicant : 1)ASERDC, HAL ACCESSORIES DIVISION LUCKNOW
(31) Priority Document No	:NA	Address of Applicant :DGM (EQUIPMENTS) ASERDC
(32) Priority Date	:NA	HINDUSTAN AERONAUTICS LIMITED ACCESSORIES
(33) Name of priority country	:NA	DIVISION, FAIZABAD ROAD, LUCKNOW-226016 UP.
(86) International Application No	:NA	INDIA Uttar Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)NAVNEEL NEERAJ
(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 :

This Main Wheel is designed and developed by ASERDO, HAL Accessories Division, Lucknow for Intermediate Jet Trainer (IJT) to operate with IJT Brake Unit. This light aluminum alloy wheel is of bowl type configuration with loose flange and lock ring and is designed to accommodate a tubeless Tyre of size 22 x 6.75-10. There are two taper roller bearings for mounting wheel on Main Landing Gears (MLG) of Intermediate Jet Trainer (IJT). This wheel has a hub cap sub assembly to transmit wheel speed to wheel speed sensor mounted inside MLG. There is a provision of fusible plugs for thermal protection of wheel; these plugs shall blow when a wheel hub reaches at a critical temperature. In the inner periphery of wheel, six drive tenons are provided over which steel drive blocks are fitted to provide hard surtace to wheel hub. These drive tenons are accommodate in the rotors of IJT Brake.

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

(19) INDIA

(22) Date of filing of Application :01/10/2013

(43) Publication Date : 10/04/2015

# (54) Title of the invention : NOSE WHEEL FOR INTERMEDIATE JET TRAINER (IJT)

(51) International classification	:B60C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASERDC, HAL ACCESSORIES DIVISION LUCKNOW
(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, UP.
Filing Date	:NA	INDIA Uttar Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)NAVNEEL NEERAJ
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This device relates to a trainer aircraft wheel with application of rolling and steering on ground. This unit is installed in the envelope provided in nose undercarriage of Intermediate Jet Trainer (IJT). It is A-frame type Al alloy wheel designed to accommodates tubeless tyre. The two half hubs are joined by 6 sets of tie bolts, nut & washer and the joint is sealed with the help of a rubber seal recessed between them forming a pressure cavity. The half hubs accommodate taper roller bearings, circlips & excluders. The outboard hub has got recess for inflation valve. The wheel is rolled on taper roller bearings. A valve is used for inflation and deflation of wheel.

No. of Pages : 5 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :04/10/2013

# (54) Title of the invention : A SYSTEM AND METHOD FOR DATA USAGE MANAGEMENT IN AN ELECTRONIC DEVICE

(51) International classification:H04W(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Samsung India Electronics Pvt. Ltd. Address of Applicant :Logix Cyber Park Tower D, Ground to</li> <li>10th floor, Tower C 8th to 10th Floor Plot No. C-28-29, Sector-</li> <li>62, Noida-201301 (U.P.), India Uttar Pradesh India</li> <li>(72)Name of Inventor :</li> <li>1)Ananya Vetaal</li> <li>2)Aditi Chaturvedi</li> <li>3)Shreyoshi Ghosh</li> <li>4)Roma Singh</li> <li>5)Munwar Khan</li> <li>6)Varun Airon</li> <li>7)Priyanka Goel</li> <li>8)Akhilesh Gupta</li> </ul>
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(57) Abstract :

The present invention provides a system and method for data usage management in an electronic device. The method comprises the steps of, viewing estimated cost of download by a cost estimation unit; implementing data usage notifications for display to user by a Notification Generation unit; tracking download expenses in user preferred currency; monitoring data cost by a widget or an application and data displays; switching data services in multi SIM phones from roaming SIM to non roaming SIM by handover unit; and indicating application data usage by application data usage unit.

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

# (19) INDIA

(22) Date of filing of Application :04/10/2013

# (54) Title of the invention : SYSTEM AND METHOD FOR SHARING MESSAGES

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:H04L :NA :NA ·NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Samsung India Electronics Pvt. Ltd. Address of Applicant :Logix Cyber Park Tower D, Ground to</li> <li>10th floor, Tower C 8th to 10th Floor Plot No. C-28-29, Sector-62, Noida-201301 (U.P.), India Uttar Pradesh India</li> <li>(72)Name of Inventor :</li> <li>1)Akhila Mathur</li> <li>2)Ayushi Gupta</li> <li>3)Sanket Magarkar</li> <li>4)Mahelaqua</li> <li>5)Kalika Arora</li> <li>6)Sahil Rally</li> <li>7)Anshulika Prasad</li> <li>8)Priyanka Goel</li> </ul>
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(57) Abstract :

System and method for communicating messages over text channel by sending a message from the device of a sender using Message Composer Module, receiving the messages with an identifier on the device of receiver, replying to the messages with a prompt reply action available on the device of a receiver.

No. of Pages : 31 No. of Claims : 42

# (19) INDIA

(22) Date of filing of Application :06/02/2012

## (43) Publication Date : 10/04/2015

(51) International classification:C07C(71)Name of Applicant :(31) Priority Document No:1644/DEL/2009(71)Name of Applicant :(32) Priority Date:07/08/2009Address of Applicant :1735 Market Street Philadelphia(33) Name of priority country:IndiaPennsylvania 19103 United States of America U.S.A.(86) International Application No:PCT/US2010/044742(72)Name of Inventor :Filing Date:06/08/2010:NA(61) Patent of Addition to Application:NA2)GADKARI Vijay K.Number:NA:NAFiling Date:NA(61) Patent of Addition to Application:NADate:NAFiling Date:NA(2) Division but to the the state back is the tot back is the tot back is the state back is the tot back is the tot back is the state back is the tot back is the state back is the s	(54) Title of the invention : TOOTHPAST	TE COMPOSITION	
(62) Divisional to Application Number :NA Filing Date :NA	<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:C07C :1644/DEL/2009 :07/08/2009 :India :PCT/US2010/044742 :06/08/2010 : NA :NA :NA :NA	<ul> <li>1)FMC Corporation Address of Applicant :1735 Market Street Philadelphia Pennsylvania 19103 United States of America U.S.A.</li> <li>(72)Name of Inventor : 1)RANDIVE Vinayak B.</li> </ul>

(57) Abstract :

The present invention is directed to a toothpaste composition comprising a binder an abrasive a foaming agent water and polyethylene glycol wherein the binder comprises semi-refined carrageenan. The toothpaste composition has improved shelf life.

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

(21) Application No.1122/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 10/04/2015

(51) International classification	:B61D	(71)Name of Applicant :
(31) Priority Document No	:10 2009 032 425.9	1)AKW APPARATE + VERFAHREN GMBH
(32) Priority Date	:09/07/2009	Address of Applicant : Dienhof 26 92242 Hirschau Germany
(33) Name of priority country	:Germany	2)SIC PROCESSING AG
(86) International Application No	:PCT/EP2010/059259	(72)Name of Inventor :
Filing Date	:30/06/2010	1)Peter KANIUT
(87) International Publication No	: NA	2)Georg FRITSCH
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract :		

# (54) Title of the invention : METHOD FOR PREPARING A SUSPENSION

(57) Abstract :

The invention relates to a method for preparing a suspension from a separation process wherein the suspension is made of a particulate abrasive and a liquid slurrying agent. The method comprises the steps: a) thinning the suspension in a tank (1) with an additional slurrying agent (PEG) without adding additional water producing a constant volume ratio between the particulate abrasive and the liquid slurrying agent; b) separating the thinned suspension into a liquid and a solid fraction in a centrifugal separator (2) and c) subsequent refinement or reuse of the separated liquid and solid fractions.

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

(19) INDIA

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 10/04/2015

(51) International classification	:H04B 1/48	(71)Name of Applicant :
(31) Priority Document No	:0903902	1)THALES
(32) Priority Date	:07/08/2009	Address of Applicant :45 RUE DE VILLIERS, 92200
(33) Name of priority country	:France	NEUILLY-SUR-SEINE, FRANCE
(86) International Application No	:PCT/EP2010/061444	(72)Name of Inventor :
Filing Date	:05/08/2010	1)FRANK CHAHBAZIAN
(87) International Publication No	:WO 2010/015638	2)BERTRAND GERFAULT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (54) Title of the invention : SWITCHING CIRCUIT FOR BROADBAND SIGNALS

(57) Abstract :

The present invention relates to a switching circuit for controlling the passage of a radiofrequency signal between a first input-output (101) and a second input-output (105), said circuit comprising at least one diode (D2) between said inputs-outputs (101, 105), said diode (D2) being biased by a DC voltage source (Vdc2) by way of at least two crossed transmission lines (110, 120) interconnecting said diode (D2) with said DC voltage source (Vdc2). The invention applies notably to radiocommunications systems, in particular power systems.

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

(19) INDIA

(22) Date of filing of Application :01/10/2013

(43) Publication Date : 10/04/2015

# (54) Title of the invention : TAXI LANDING LIGHTING BOX FOR LIGHT COMBAT AIRCRAFT (LCA)

(51) International classification	:G08G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASERDC HAL, ACCESSORIES DIVISION FAIZABAD
(32) Priority Date	:NA	ROAD LUCKNOW
(33) Name of priority country	:NA	Address of Applicant :DGM (DESIGN) ASERDC
(86) International Application No	:NA	HINDUSTAN AERONAUTICS LIMITED, ACCESSORIES
Filing Date	:NA	DIVISION, FAIZABAD ROAD, LUCKNOW-226016 Uttar
(87) International Publication No	: NA	Pradesh India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ANUJ BHAGWAN SINGH
(62) Divisional to Application Number	:NA	2)G.K. JHA
Filing Date	:NA	

(57) Abstract :

This unit converts 200 V L-L, 3-phase input voltage into two independently remote controlled outputs of voltage 28 Vrms, 1- phase. From an independent 115v rms 1- phase input this unit also provides an AC voltage of 28 Vrms or 15 Vrms depending upon input controls for navigation purpose. There is a provision for remotely controlled 115V rms output for Anti collision lights.

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

(19) INDIA

(22) Date of filing of Application :01/10/2013

(43) Publication Date : 10/04/2015

## (54) Title of the invention : BATTERY JUNCTION BOX UNIT FOR ADVANCE LIGHT HELICOPTER

(51) International classification	:H02G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASERDC, HAL ACCESSORIES DIVISION LUCKNOW
(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.N. DWIVEDY
Filing Date	:NA	2)K.K. SHARMA
(62) Divisional to Application Number	:NA	3)PAWAN KUMAR
Filing Date	:NA	

(57) Abstract :

Battery Junction Box receives power from the respective battery and provides power on main bus 8 emergency bus. This box is mounted very near to battery. Also, it provides power during internal engine starting. The provision has been made for disconnecting the individual battery from the system, in case the battery temperature exceeds the limit (as determined by battery manufacturer). During flying if any emergency occurs, it provides power to main bus & emergency bus.

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

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

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

## (43) Publication Date : 10/04/2015

## (54) Title of the invention : PLANT CONTAINER

<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>(2) Distribute Application Number</li> </ul>	A61F :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ARORA AKSHAY</li> <li>Address of Applicant :C-355, YOJNA VIHAR, NEW DELHI-</li> <li>110092, INDIA. Delhi India</li> <li>(72)Name of Inventor :</li> <li>1)ARORA AKSHAY</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

The present subject matter relates to a container for production and storage of plants. The container includes an open top portion, a closed bottom portion, and two parallel opposite side walls extending from the open top portion to the closed bottom portion. The container is made of layers arranged in warp and weft fashion. Further, the layers comprising decorative fabric layer, protective layer, absorbent layer, multiple absorbent layers and dyed absorbent layer as arranged from outside to inside. The container is also provided with a water pocket located between the absorbent layers to hold water required for the growth of the plants.

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

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 10/04/2015

## (54) Title of the invention : DUAL POLYMER SYSTEM FOR WATER RECOVERY AND SEPARATION OF SUSPENDED SOLIDS FROM AQUEOUS 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 Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C08K :61/223,264 :06/07/2009 :U.S.A. :PCT/US2010/041107 :06/07/2010 : NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HALOSOURCE INC. Address of Applicant :1631 220th Street SE Suite 100 Bothell WA 98021 United States of America U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)NICHOLS Everett J.</li> <li>2)SCOTT James</li> <li>3)WILLIAMS Jeffrey F.</li> <li>4)CHEN Yongjun</li> </ul>
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## (57) Abstract :

A method uses anionic and cationic polymers added in any order or simultaneously to aqueous media for the removal of substances. The sequential addition of the two biopolymers anionic xanthan followed by cationic chitosan causes the rapid formation of very large and cohesive fibrillar aggregates that may exhibit high solids to liquid ratios and that quickly settle out from the aqueous media. The aqueous media can be easily separated from the large fibrillar aggregates by settling under gravity or by filtration through a porous containment device such as a synthetic or non synthetic woven or non woven fabric including a geotextile fabric or a solid containment device containing a solid mesh screen.

No. of Pages : 126 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :06/02/2012

## (43) Publication Date : 10/04/2015

## (54) Title of the invention : CARBON DIOXIDE ABSORBENT AND METHOD OF USING 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 Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07C :12/512,105 :30/07/2009 :U.S.A. :PCT/US2010/029620 :01/04/2010 :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GENERAL ELECTRIC COMPANY <ul> <li>Address of Applicant :1 RIVER ROAD SCHENECTADY,</li> <li>NEW YORK 12345, USA U.S.A.</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)PERRY, ROBERT JAMES</li> <li>2)LEWIS, LARRY NEIL</li> <li>3)O'BRIEN, MICHAEL JOSEPH</li> <li>4)SOLOVEICHIK, GRIGORII LEV</li> <li>5)KNIAJANSKI, SERGEI</li> <li>6)LAM, TUNCHIAO HUBERT</li> <li>7)LEE, JULIA LAM</li> <li>8)RUBINSZTAJN, MALGORZATA IWONA</li> </ul> </li> </ul>
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### (57) Abstract :

In accordance with one aspect, the present invention provides an amino-siloxane composition comprising at least one of structures I, II, III, IV or V said compositions being useful for the capture of carbon dioxide from gas streams such as power plant flue gases. In addition, the present invention provides methods of preparing the amino-siloxane compositions are provided. Also provided are methods for reducing the amount of carbon dioxide in a process stream employing the amino-siloxane compositions of the invention as species which react with carbon dioxide to form an adduct with carbon dioxide. The reaction of the amino-siloxane compositions provided by the present invention with carbon dioxide is reversible and thus, the method provides for multicycle use of said compositions.

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

## (19) INDIA

(22) Date of filing of Application :08/02/2012

### (43) Publication Date : 10/04/2015

(54) The of the invention . TEO W Envir	TER .	
(51) International classification	:G01T	(71)Name of Applicant :
(31) Priority Document No	:01100/09	1)BELIMO HOLDING AG
(32) Priority Date	:14/07/2009	Address of Applicant :Brunnenbachstrasse 1 CH-8340
(33) Name of priority country	:Switzerland	Hinwil Switzerland.
(86) International Application No	:PCT/CH2010/000180	(72)Name of Inventor :
Filing Date	:14/07/2010	1)Urs Keller
(87) International Publication No	: NA	2)Jrg K¼hne
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ale et es et e		

## (54) Title of the invention : FLOW LIMITER

(57) Abstract :

The invention relates to a flow limiter (1) for limiting a volumetric flow through a liquid line comprising a carrier (101) having a passage and a flat spring (11) attached to the carrier (10). The flat spring (11) comprises at least one spring tongue (27) and the passage comprises at least one opening (23) wherein the spring tongue (27) is designed and arranged above the opening (23) in such a way that the spring tongue increasingly lies against the carrier (10) as the differential pressure rises and in the process reduces the opening (23) and continuously reduces the passage within a defined pressure range.

No. of Pages : 41 No. of Claims : 15

(21) Application No.1203/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 10/04/2015

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:2009-198540	1)DAIICHI SANKYO COMPANY LIMITED
(32) Priority Date	:28/08/2009	Address of Applicant :3-5-1 Nihonbashi Honcho Chuo-ku
(33) Name of priority country	:Japan	Tokyo 103-8426 Japan
(86) International Application No	:PCT/JP2010/064550	(72)Name of Inventor :
Filing Date	:27/08/2010	1)UTO YOSHIKAZU
(87) International Publication No	:WO 2011/024932	2)KARASAWA HIROSHI
(61) Patent of Addition to Application	:NA	3)TAKAISHI KIYOSUMI
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ale stars at a		•

## (54) Title of the invention : NOVEL TETRAHYDROISOQUINOLINE COMPOUNDS

(57) Abstract :

Disclosed are compounds which have excellent effects of inhibiting DGAT and suppressing food intake or pharmacologically acceptable salts of the same. Specifically disclosed are 4-carboxymethyl-cyclohexyl trans-6-[3-(2 4-difluoro-phenyl)-ureido] -3 4-dihydro-1H-isoquinoline-2-carboxylate 4-carboxymethyl-cyclohexyl trans-6-[3-(2 chloro-phenyl)-ureido]-3 4-dihydro-1H-isoquinoline-2-carboxylate 4-carboxymethyl-cyclohexyl trans-6-[3-(2 3-difluoro-phenyl)-ureido]-3 4-dihydro-1H-isoquinoline-2-carboxylate 4-carboxymethyl-cyclohexyl trans-6-[3-(2 3-difluoro-phenyl)-ureido]-3 4-dihydro-1H-isoquinoline-2-carboxylate 4-carboxymethyl-cyclohexyl trans-6-[3-(2 3-difluoro-phenyl)-ureido]-3 4-dihydro-1H-isoquinoline-2-carboxylate 4-carboxymethyl-cyclohexyl trans-6-[3-(2 5-difluoro-phenyl)-ureido]-3 4-dihydro-1H-isoquinoline-2-carboxylate 4-carboxymethyl-cyclohexyl trans-6-[3-(2 6-difluoro-phenyl)-ureido]-3 4-dihydro-1H-isoquinoline-2-carboxylate 4-carboxymethyl-cyclohexyl trans-6-[3-(2 6-difluoro-phenyl)-ureido]-3 4-dihydro-1H-isoquinoline-2-carboxylate 4-carboxymethyl-cyclohexyl trans-6-[3-(2 6-difluoro-phenyl)-ureido]-3 4-dihydro-1H-isoquinoline-2-carboxylate 4-carboxymethyl-cyclohexyl trans-6-[3-(2 6-difluoro-phenyl)-ureido]-3 4-dihydro-1H-isoquinoline-2-carboxylate etc. or pharmacologically acceptable salts of the same.

No. of Pages : 93 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 10/04/2015

## (54) Title of the invention : SYNTHESIS OF HAEMOPHILUS INFLUENZAE TYPE B (HIB) SACCHARIDES

(51) International classification	:C07H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MSD WELLCOME TRUST HILLEMAN
(32) Priority Date	:NA	LABORATORIES PVT. LTD.
(33) Name of priority country	:NA	Address of Applicant :D-15, GROUND FLOOR, JANGPURA
(86) International Application No	:NA	EXTENSION, NEW DELHI-110014, INDIA Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GILL, DAVINDER
(61) Patent of Addition to Application Number	:NA	2)HARALE, KISHORE
Filing Date	:NA	3)CHHIKARA, MANOJ KUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to synthesis of novel compound of Haemophilus influenzae type b (Hib) oligosaccharides which meet the expected physico-chemical quality standards for the purity and its use as a candidate for development of conjugate vaccine against Hib infections. The present invention also provides a process of chemical synthesis of a novel linker.

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

## (19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

## (54) Title of the invention : METHOD AND DEVICE FOR A LIGHT HOST MANAGEMENT PROTOCOL ON MULTICAST CAPABLE ROUTER

(51) International classification	:H04L 12/18	(71)Name of Applicant :
(31) Priority Document No	:61/227,027	1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(32) Priority Date	:20/07/2009	Address of Applicant :SE-164 83 STOCKHOLM (SE)
(33) Name of priority country	:U.S.A.	Sweden
(86) International Application No	:PCT/IB2010/053290	(72)Name of Inventor :
Filing Date	:19/07/2010	1)NANDA, AVOY
(87) International Publication No	:WO 2011/010278	2)SHAH, KUNAL
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract :

A method for reducing computational and/or bandwidth requirements in a network including a multicast router and a laves (2) network element by efficiently communicating required source state information. The method comprises receiving at the layer (2) network element a source interest list from a host over a multicast network. The layer (2) multicast network element transmits a message to the multicast router, the message formatted to be processed by a multicast routing protocol on the multicast router after a protocol header is removed by a light host management protocol on the multicast router without any additional processing. Responsive to receiving the message at the multicast router, the light host management protocol removes the protocol header and sending the message to the multicast routing protocol to alter a set of multicast sources to be touted to the host.

No. of Pages : 28 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : ORGANOSILANE TEMPLATED MESOPOROUS TITANIA (51) International classification :H01G (71)Name of Applicant : (31) Priority Document No **1)COUNCIL OF SCIENTIFIC & INDUSTRIAL** :NA (32) Priority Date :NA RESEARCH (33) Name of priority country Address of Applicant : ANUSANDHAN BHAWAN, RAFI :NA (86) International Application No MARG, NEW DELHI-110001, INDIA Delhi India :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA 1)SINHA ANIL KUMAR (61) Patent of Addition to Application Number :NA 2)AMOLI VIPIN Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention provides a convenient and reproducible method for development of high surface area (216 - 361 m2/g) mesoporous anatase titania particles of tunable pore (2.2 - 4.6 nm) using a novel organosilane template as a surface directing agent through evaporation induced self assembly. The synthesized Ti02 nanostructure aggregates are irregular particles with size of 10 - 30 nm. These mesoporous crystalline materials have been used after template removal for the fabrication of photoanode for DSSCs and a power conversion efficiency of 5.58 % is obtained which is significantly higher than the commercial P25 (3.5 %).

No. of Pages : 28 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : NOVEL LIGAND FOR DETECTION OF CHROMIUM (III) (51) International classification :C07F (71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL (31) Priority Document No :NA (32) Priority Date :NA RESEARCH (33) Name of priority country Address of Applicant : ANUSANDHAN BHAWAN, RAFI :NA (86) International Application No MARG, NEW DELHI - 110001, INDIA. Delhi India :NA Filing Date (72)Name of Inventor : :NA (87) International Publication No : NA 1)AMITAVA DAS (61) Patent of Addition to Application Number :NA 2)FIROJ ALI Filing Date :NA **3)SUKDEB SAHA** (62) Divisional to Application Number :NA

:NA

(57) Abstract :

Filing Date

The invention disclosed herein relates to novel ligands (Lx) of Formula -I for selective detection of Cr (III) in pure aqueous medium and industrially viable process for the preparation thereof. Further the invention provides the process of selective detection of Cr (III) by fluorimetry using novel ligands of Formula-I. The invention also discloses a method of solubilizing novel ligands of formula-I in pure aqueous medium with the aid of non-ionic surfactant. The invention discloses a method of selective detection of Cr (III) using novel ligands of Formula-I.

No. of Pages : 27 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 10/04/2015

## (54) Title of the invention : ALTITUDE CONTROLLED PROFILER FOR USE IN COASTAL WATERS

(51) International classification	:G01S	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ELGAR STEPHEN DESA
(61) Patent of Addition to Application Number	:NA	2)PRAMOD KUMAR MAURYA
Filing Date	:NA	3)AWANISH CHANDRA DUBEY
(62) Divisional to Application Number	:NA	4)NITIN ANIL DABHOLKAR
Filing Date	:NA	5)ANTONIO MANUEL DOS SANTOS PASCOAL

(57) Abstract :

The present invention relates to an altitude Controlled Profiler for Coastal waters is a versatile altitude controller that maintains the device at a fixed altitude above the seabed. With a small modification in the control logic the same device can be made to hover below the sea surface. Attitude control will enable properties of the water column to be tracked at discrete depths. The invention opens up a host of new applications in seabed photography, terrain profiling of the seabed, and time tracking of surface phytoplankton blooms.

No. of Pages : 21 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 10/04/2015

## (54) Title of the invention : WIRELESS STRATA INFORMATION SYSTEM FOR UNDERGROUND OPENINGS

(51) International classification	:E21D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001, INDIA Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PANKAJ KUMAR MISHRA
(61) Patent of Addition to Application Number	:NA	2)ANGAD KUSHWAHA
Filing Date	:NA	3)PRABHAT KUMAR MANDAL
(62) Divisional to Application Number	:NA	4)AMALENDU SINHA
Filing Date	:NA	

(57) Abstract :

The wireless strata information system for underground openings of the present invention is particularly useful for underground openings such as mines, tunnels, caverns etc. Use of the system of the present invention in underground openings would help in online and real time monitoring of stress on pillars/stooks/ribs/side-walls, pillar strain, roof closure/convergence/divergence, load on supports, bed separation, strata deformation due to surrounding workings or any other relevant geotechnical parameters required to be measured in underground openings including coal and metal mines, tunnels, caverns etc. wirelessly using geotechnical instrumentslsensors based on vibrating wire and potentiometer in combination with the electronic circuits for processing of data installed at strategic places and ZigBeeenabled active motes, placed at strategic locations forming a wireless network among themselves and storing the geotechnical data at a remote and safer place or even at surface control room. This would help in knowing the actual rooflpillar condition or strata behaviour and warning the workers in case of impending roof falllpillar instability, if required. This would help the management to get the pattern of strata behaviour like rooflside wall sagging, convergence, etc. to take necessary action during underground/tunnel/caverns activities. This would further help in deciding the management to take precautionary measures from the remote place without going to the site to take safety precautions like induced blasting, additional supporting, withdrawal of men and machinery, etc.

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

(19) INDIA

(22) Date of filing of Application :03/02/2012

### (43) Publication Date : 10/04/2015

(54) Title of the invention : DUST-REMO	VING APPARATUS	
<ul> <li>(54) Title of the invention : DUST-REMO</li> <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 <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> </ul>	:B01D :2009-228590 :30/09/2009 :Japan :PCT/JP2010/061943 :15/07/2010 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MITSUBISHI HEAVY INDUSTRIES, LTD. Address of Applicant :16-5, KONAN 2-CHOME, MINATO-KU, TOKYO 108-8215, JAPAN</li> <li>(72)Name of Inventor :</li> <li>1)YOSHINORI KOYAMA</li> <li>2)OSAMU SHINADA</li> <li>3)YUICHIRO YAMAMOTO</li> <li>4)TAKASHI YAMAMOTO</li> </ul>
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

## (57) Abstract :

In a porous filter (10A), dust that has been collected from a gas through a filter group installed in a vessel body (12) onto filter surfaces is removed from the filter surfaces by backwashing in which the supply and stoppage of a high-pressure gas ejected toward porous filter elements 14 are repeated by means of a valve operation. Backwash tanks (42) having upstream backwash valves (38) and downstream backwash valves (40) are installed in backwash pipes (32) through which the high-pressure gas is guided from high-pressure-gas supply equipment (30) to backwash nozzles (34) for ejecting the backwash high-pressure gas toward the filter group to form a backwash high-pressure-medium supply line. The outlet pressure of the high-pressure-gas supply equipment (30) is set to 1 / critical pressure ratio or more times a filter inlet gas pressure so that the flow speed of the high-pressure gas ejected from the backwash nozzle (34) is the speed of sound or higher.

No. of Pages : 31 No. of Claims : 7

## (12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 10/04/2015

## (54) Title of the invention : CONTROL SYSTEM FOR ELECTRIC MOTOR APPLIED TO CYCLIC LOADS AND CONTROL METHOD FOR ELECTRIC MOTOR APPLIED TO CYCLIC LOADS

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:H02M :PI0902349-6 :22/07/2009 :Brazil :PCT/BR2010/000229 :22/07/2010 :WO 2011/009179 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)WHIRLPOOL S.A. Address of Applicant :AVENIDA DAS NACOES UNIDAS,</li> <li>12.995-32° ANDAR, BROOKLIN NOVO, CEP: 04578-000-SAO PAULO, SP BRAZIL Brazil</li> <li>(72)Name of Inventor :</li> <li>1)SOARES CLAUDIO EDUARDO</li> <li>2)BERNHARD LILIE DIETMAR ERICH</li> <li>3)ANDRICH ROBERTO</li> <li>4)VON DOKONAL LUIZ</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract :

The present invention refers to a system and a control method especially applied to electric motors designed to drive cyclical loads. The present system comprises an electric motor (10), at least an electronic control unit (20) and at least an electronic power unit (30), the electric motor (10) is electrically driven by the electronic power unit (30), the electronic power unit (30) being electrically commanded by the electronic control unit (20), the system comprising an average speed controller implemented by the electronic control unit (20), the average speed controller being arranged to monitor an instantaneous speed (Vi) of the electric motor (10) and provide an average speed value of the motor (10), the electronic control unit (20) being arranged to calculate an average voltage (Vm) based on the average speed obtained, the electronic power unit (30) being arranged to electrically drive the electric motor (10) by an instantaneous voltage value (Vins), this instantaneous voltage value (Vins) being calculated by multiplying the average voltage (Vm) by the result of the division between the instantaneous speed (Vi) and the average speed.

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

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

## (54) Title of the invention : AN AERODYNAMIC LIFT GENERATION DEVICE USING UNSTEADY VORTICES

	DAAD	
(51) International classification	:B23B	(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)SURYANARAYANA GARGESHWARI
(61) Patent of Addition to Application Number	:NA	KRISHNAMURTHY
Filing Date	:NA	2)MUDKAVI VIDYADHAR YOGESHWAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an aerodynamic lift generation device using unsteady vortices, which comprises a vortex generator (VG) and a lifting surface (LS), said LS being positioned at an appropriate downstream location. The air-flow over the configuration results in a trapped of vortices on the upper side of LS, leading to formation of a virtual airfoil and capable of producing high lift. The system does not involve any moving components, but simulates the aerodynamic effect of flapping wings to generate adequate lift to drag ratio required for real flight applications, especially at low Reynolds numbers. The present invention enables the design of new wings suitable for small airplanes such as Micro and Nano air vehicles. In addition, it has applications as a MEMS device for flow control and as a propeller for low Reynolds number air and marine propulsion systems.

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

(19) INDIA

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 10/04/2015

# (54) Title of the invention : INTERNET PROTOCOL VIDEO CHANNEL VALIDATION

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALCATEL LUCENT
(32) Priority Date	:NA	Address of Applicant :3, avenue Octave Grard 75007 Paris
(33) Name of priority country	:NA	France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JAGANNATHAN, Aravindan
(87) International Publication No	: NA	2)SURYA, Gopal
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for validating internet protocol (IP) video channels is disclosed. The method comprises, receiving a test message from an optical line terminal (OLT) (102), wherein the test message includes test information pertaining to one or more IP video channels, a test time duration, and a reference number of video frames Further, one or more IP video channels to be validated are identified by an optical network unit based on the test message. Further, a plurality of video frames is received during the test time duration. Further, number of received video frames, for each of the one or more IP video channels, is compared with the reference number of video frames. The method further comprises validating by determining, for each IP video channel, a level of quality of service (QoS) of the IP video channel based on the comparison.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 10/04/2015

## (54) Title of the invention : ANTIGEN COMPOSITIONS AND METHODS OF INHIBITING CAMPYLOBACTER JEJUNI BACTERIAL INFECTION AND USES OF THE ANTIGEN COMPOSITIONS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:A61K 38/16 :61/226,256	(71)Name of Applicant : 1)WASHINGTON STATE UNIVERSITY RESEARCH
(32) Priority Date	:16/07/2009	FOUNDATION
<ul><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:U.S.A. :PCT/US2010/042262	Address of Applicant :1610 NE EASTGATE BLVD, SUITE 650, PULLMAN, WA 99163, UNITED STATES OF AMERICA
Filing Date (87) International Publication No	:16/07/2010 :WO 2011/009042	U.S.A. (72)Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)KONKEL, MICHAEL 2)DUONG, TRI 3)LARSON, CHARLIE
(62) Divisional to Application Number Filing Date	:NA :NA	4)NEAL-MCKINNEY, JASON

(57) Abstract :

Methods and compositions for reducing the incidence of C jejuni bacteria infections, in poultry and in. humans asxi other animals ate formulated to include C. jejuni aatigens, and particularly CadF, FlpA and FkA. The antigens may be provided in the form of polypeptides or by hosts that produce the antigens. Fiferonectin binding proteijis of C jejuni may also be used to deliver substances of interest to humans and other animals.

No. of Pages : 272 No. of Claims : 34

(21) Application No.1215/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 10/04/2015

(51) International classification	:A41D 13/12	(71)Name of Applicant :
(31) Priority Document No	:12/533,383	1)POROWSKI, VIRGINIA
(32) Priority Date	:31/07/2009	Address of Applicant :6121 WEOBLEY LANE, RALEIGH,
(33) Name of priority country	:U.S.A.	NC 27614, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/041910	(72)Name of Inventor :
Filing Date	:14/07/2010	1)POROWSKI, VIRGINIA
(87) International Publication No	:WO 2011/014354	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.1NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

## (54) Title of the invention : DISPOSABLE ISOLATION HOSPITAL GOWN

(57) Abstract :

A disposable hospital gown is provided having a main body and a pair of sleeves. Integrally formed with the hospital gown is a disposable wrapper that is particularly positioned or placed such that the gown can be rolled or folded into a bundle, after which the disposable wrapper is reversed and in the process of reversing the disposable wrapper, the bundled gown is stuffed or placed into the reversed disposable wrapper for disposal. The disposable hospital gown is suitable for use as an isolation hospital gown, a surgical gown, or a patient disposable gown.

No. of Pages : 35 No. of Claims : 10

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

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : PREASSEMBLED TRACTION DRIVE MECHANISM (51) International classification :A61K (71)Name of Applicant : (31) Priority Document No 1)SCHAEFFLER TECHNOLOGIES AG & CO. KG :102011005477.4 Address of Applicant :INDUSTRIESTR. 1-3, 91074 (32) Priority Date :14/03/2011 (33) Name of priority country HERZOGENAURACH, GERMANY :Germany (86) International Application No (72)Name of Inventor : :NA **1)THOMAS ULLEIN** Filing Date :NA (87) International Publication No :NA 2)BOLKO SCHUSEIL (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

(19) INDIA

The present invention relates to a preassembled traction drive mechanism, comprising - at least two drive wheels (1, 2) encompassed by an endless traction means (3), - a tensioning device (6) bearing against at least two sides of the endless traction means (3) on the inner sides thereof, wherein - a first releasable fixing device (4), which fixes the drive wheels (1, 2) encompassed by the endless traction means (3) in a defined installation position with respect to one another in an arrangement ready for operation, is provided on the preassembled traction drive mechanism.

No. of Pages : 17 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :03/10/2013

(43) Publication Date : 10/04/2015

## (54) Title of the invention : SECURE TRANSMISSION OF TIME SYNCHRONIZATION PACKETS

	110.41	
(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALCATEL LUCENT
(32) Priority Date	:NA	Address of Applicant :3, avenue Octave Grard, 75007 Paris
(33) Name of priority country	:NA	France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PARIDA, Amaresh
(87) International Publication No	: NA	2)DEBNATH, Pronay
(61) Patent of Addition to Application Number	:NA	3)POTE, Parag Narayanrao
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and systems for secure transmission of time synchronization packets by a master node (102) in a network environment (100) are described. The method includes generating, by a processor (108), a time packet marking of a predetermined bit size. The method further comprises encrypting, by the processor (108), the time packet marking using a lightweight encryption technique to generate a master signature. Further, the method comprises appending, by the processor (108), the master signature to an encrypted time synchronization packet generated by the master node (102) to obtain an extended encrypted packet, where the encrypted time synchronization packet includes a transmittal timestamp for time synchronization. The method further comprises transmitting, by the master node (102), the extended encrypted packet to a slave node (104) in the network environment (100) for time synchronization.

No. of Pages : 30 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : ACETABULAR CUP WITH ROTATABLE BEARING MEMBER (51) International classification (71)Name of Applicant : :B64D (31) Priority Document No :13/028,598 1)HOWMEDICA OSTEONICS CORP. (32) Priority Date Address of Applicant :325 CORPORATE DRIVE :16/02/2011 (33) Name of priority country MAHWAH, NEW JERSY 07430 UNITED STATES OF :U.S.A. (86) International Application No :NA AMERICA U.S.A. 2) RODNEY IAN WALTER RICHARDSON Filing Date :NA (87) International Publication No :NA (72)Name of Inventor : **1)RODNEY IAN WALTER RICHARDSON** (61) Patent of Addition to Application Number :NA Filing Date :NA 2)KEVIN M. MIHELC (62) Divisional to Application Number :NA Filing Date :NA

## (57) Abstract :

A prosthetic hip implant system includes a prosthetic femoral component having a stem portion, a neck portion coupled to the stem portion and a part-spherical head coupled to the neck portion. An acetabular component is provided which has a housing, the housing having a part-spherical inner surface having an open end with a circumferential rim portion. The rim portion has a circumferential radially inwardly extending flange. A bearing element is mounted within the housing and has a part-spherical first outer surface region engaging the part-spherical inner surface of the housing. The part-spherical first outer surface region extends at a first radius from a center. The bearing element has a second part-spherical outer surface region extending a distance from the center less than the first radius to form a stop surface for contacting the rim.

No. of Pages : 26 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :03/10/2013

#### (51) International classification :G06F (71)Name of Applicant : (31) Priority Document No 1)Samsung India Electronics Pvt Ltd. :NA (32) Priority Date Address of Applicant :Samsung India Electronics Pvt. Ltd. :NA (33) Name of priority country Logix Cyber Park Plot No C-28 & 29, Tower D Noida Sec - 62 :NA (86) International Application No Delhi India :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA 1)Sendilramkumar Devar (61) Patent of Addition to Application Number :NA 2)Neminath Hubballi Filing Date :NA 3)Badrinath G. Srinivas (62) Divisional to Application Number :NA Filing Date :NA

## (54) Title of the invention : ACCESSING ELECTRONIC DEVICE USING GESTURE

(57) Abstract :

The embodiments herein provide a method and system for authenticating a user to access an electronic device using gesture based operations. The method includes displaying a plurality of objects on the electronic device, and allowing the user to perform a gesture using the plurality of objects on the electronic device. Further, the method includes identifying an operation associated with the gesture, where the operation includes arithmetic and logical operation. Furthermore, the method includes computing an input string by performing the identified operation on values associated with the plurality of objects, determining a match between the input string and a predefined password; and providing access to the electronic device in response to a successful match.

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

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 10/04/2015

## (54) Title of the invention : AN ENVIRONMENT FRIENDLY DEVICE TO KEEP INSECTS/HOUSEFLY AWAY FROM DESIRED AREA

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A01M, C02F :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)AMITY UNIVERSITY</li> <li>Address of Applicant : AMITY UNIVERSITY UTTAR</li> <li>PRADESH SECTOR 125, NOIDA 201303, INDIA Uttar Pradesh India</li> <li>(72)Name of Inventor :</li> <li>1)PARAMESWAR BANERJEE</li> <li>2)JAYNENDRA KUMAR RAI</li> </ul>
(62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an eco-friendly novel device that can keep the houseflies or other insects away and protects the desired area from being contaminated by them. The present eco-friendly device comprises a motor with flexible strings of threads that can be utilized to keep the flies away from the desired area (food etc.). The present invention relates to a device that can keep houseflies or other insects away from a particular area without killing and helps to maintain an ecological balance of nature. The present invention will have a high utility in rural areas, food joints, eateries, sweet shops, houses etc.

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

## (22) Date of filing of Application :08/10/2013

## (43) Publication Date : 10/04/2015

## (54) Title of the invention : ANTIOVULATORY LEPIDIN BASED NOVEL FORMULATION AND A METHOD FOR THE PREPARATION THEROF

<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>	:NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)AMITY UNIVERSITY</li> <li>Address of Applicant :AMITY UNIVERSITY UTTAR</li> <li>PRADESH SECTOR 125, NOIDA 201303, INDIA Uttar Pradesh</li> <li>India</li> <li>(72)Name of Inventor :</li> </ul>
<ul> <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>	:NA :NA :NA :NA :NA	(72)Name of Inventor . 1)DEEPSHIKHA PANDE KATARE 2)HARSHA KHARKWAL 3)KUMUD BALA

## (57) Abstract :

The present invention rehtes to a novel herbal formulation used for antiovularoq activity in females. The herbal based novel polymer is prepared from Lepidium sativum and the novel drug is also extracted from the same source as a pure compound. The formulation has been standardized and has got commercial viability with no side effects and is cost effective. The formulation consists of the drug Lepidin coated with the novel polymer and formulated into nano granules which shows minimum disso ution time for drug release. The drug shows 90% drug release in 15-20 minutes.

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

## (12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :03/02/2012

## (43) Publication Date : 10/04/2015

## (54) Title of the invention : NOVEL FORMULATION OF HEPATOPROTECTIVE HERBAL EXTRACTS/BIOACTIVES AND COMPOSITION 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>	:A61K :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)JAMIA HAMDARD Address of Applicant :HAMDARD NAGAR NEW DELHI- </li> <li>110062, INDIA Delhi India  </li> <li>(72)Name of Inventor : <ol> <li>ABDIN, MALIK ZAINUL</li> <li>AHMAD, FARHAN JALEES</li> <li>HEJAZI, MOHAMMAD SAEID</li> <li>ALVARI, AMENE</li> <li>RAFSANJANI, MEHRNAZ SADAT OHADI</li> </ol> </li> </ul>
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(57) Abstract :

The present invention relates to a novel nano-vesicular composition comprising of Phyllanthus amarus and Cichorium intybus extracts, phytoconstituents Phyllanthin and esculin having improved oral bioavailability, efficacy and Hepatoprotective effect. More particularly, the present invention relates to a novel lipidic nano-vesicular Hepatoprotective composition comprising a biocompatible natural lipid, cholesterol and/or biocompatible, non-irritant surfactants, Phyllanthus amarus and Cichorium intybus species extract and phytoconstituents Phyllanthin and esculin. In addition, the lipid nano vesicular composition is encapsulated with extract/bioactives resulting into improved oral bioavailability up to ten fold with improves bio-efficacy and controlled delivery.

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

## (19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

(54) Title of the invention : TREATMENT OF SW	/EATING	
(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:61/439,513	1)JANSSEN PHARMACEUTICALS, INC.
(32) Priority Date	:04/02/2011	Address of Applicant :1125 TRENTON-HARBOURTON
(33) Name of priority country	:U.S.A.	RD., TITUSVILLE, NJ 08560, UNITED STATES OF AMERICA
(86) International Application No	:NA	U.S.A.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)MICHAEL J. FRENTZKO
(61) Patent of Addition to Application Number	:NA	2)CLARE S. L. KENDALL
Filing Date	:NA	3)JOAN NEWBURGER
(62) Divisional to Application Number	:NA	4)RATNA REVANKAR
Filing Date	:NA	5)MAY SHANA'A

(57) Abstract :

A method of treating non-pathological or pathological sweating is provided, which comprises topically applying to skin in need of treatment for sweating an occlusive composition, for example comprising silicone.

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

(21) Application No.1153/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/02/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : FUEL CELL SEPARATOR MATERIAL AND FUEL CELL STACK USING THE SAME (51) International classification :B23B (71)Name of Applicant : (31) Priority Document No 1)JX NIPPON MINING & METALS CORPORATION :2009-182239 (32) Priority Date Address of Applicant :6-3 Otemachi 2-chome Chivoda-ku :05/08/2009 (33) Name of priority country Tokyo 1008164 Japan :Japan (86) International Application No 2)DAIDO STEEL CO. LTD. :PCT/JP2010/062755 (72)Name of Inventor : Filing Date :29/07/2010 (87) International Publication No : NA **1)NORIMITSU SHIBUYA** (61) Patent of Addition to Application 2)TATSUO HISADA :NA Number **3)MASAYOSI HUTO** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A fuel cell separator material comprising a metal base and an Au plated layer formed on the surface of the metal base wherein the Au plated layer has a thickness of 2 to 20 nm and arithmetic mean deviation of the profile (Ra) of 0.5 to 1.5 nm measured by an atomic force microscope within a crystal grain of the metal base.

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

(21) Application No.1227/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 10/04/2015

(51) International classification	:G01K	(71)Name of Applicant :
(31) Priority Document No	:2009-177702	1)Asahi Glass Company Limited
(32) Priority Date	:30/07/2009	Address of Applicant :5-1 Marunouchi 1-chome Chiyoda-ku
(33) Name of priority country	:Japan	TOKYO 1008405 JAPAN
(86) International Application No	:PCT/JP2010/062850	(72)Name of Inventor :
Filing Date	:29/07/2010	1)Yuji Matsui
(87) International Publication No	: NA	2)Kenichi Minami
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.1NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		

## (54) Title of the invention : TRANSPARENT CONDUCTIVE SUBSTRATE FOR SOLAR CELL AND SOLAR CELL

(57) Abstract :

To provide a transparent conductive substrate for a solar cell which has a haze factor at the same level of conventional transparent conductive substrates for a solar cell and a small amount of absorbed light at a wavelength region of about 400 nm by a tin oxide layer. A transparent conductive substrate for a solar cell comprising a substrate and at least a silicon oxide layer and a tin oxide layer formed thereon in this order wherein on the silicon oxide layer between the silicon oxide layer and the tin oxide layer discontinuous ridge parts consisting of tin oxide and a crystalline thin layer consisting of an oxide containing substantially no tin oxide are formed.

No. of Pages : 32 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 10/04/2015

(51) International classification	:E06B	(71)Name of Applicant :
(31) Priority Document No	:2009-187518	1)Asahi Glass Company Limited
(32) Priority Date	:12/08/2009	Address of Applicant :5-1 Marunouchi 1-chome Chiyoda-k
(33) Name of priority country	:Japan	TOKYO 1008405 JAPAN
(86) International Application No	:PCT/JP2010/063660	(72)Name of Inventor :
Filing Date	:11/08/2010	1)Yuji Masaki
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (54) Title of the invention : LAMINATED GLASS FOR VEHICLES

(57) Abstract :

A laminated glass for vehicles comprising at least two glass sheets and an interlayer and a heat reflecting film having a layer made of silver as a main component provided between the two glass sheets which are laminated wherein the interlayer is provided over the entire surface of the laminated glass and has a band-shape colored portion along the upper edge portion and the heat reflecting film is positioned so that an upper end thereof is located on the upper side than the vicinity of a lower end of the colored portion of the interlayer and on the lower side by at least 50 mm than the upper edge of the laminated glass and said heat reflecting film is provided over substantially the entire surface of the laminated glass except a part or all of the upper edge portion of the laminated glass.

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

## (12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :04/10/2013

(43) Publication Date : 10/04/2015

(54) Title of the invention : AN IN VITRO METHOD FOR DETECTION OF POSTPARTUM ANESTRUS CONDITION IN **BUFFALOES** 

(51) International classification	:C12Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :Krishi Bhavan, Dr. Rajendra Prasad
(33) Name of priority country	:NA	Road, New Delhi 110 001, India; Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KUMAR, Rajesh
(87) International Publication No	: NA	2)BALHARA, Ashok, Kumar
(61) Patent of Addition to Application Number	:NA	3)GUPTA, Meenakshi
Filing Date	:NA	4)PHULIA, Sushil, Kumar
(62) Divisional to Application Number	:NA	5)SHARMA, Rakesh, Kumar
Filing Date	:NA	6)SINGH, Inderjeet

(57) Abstract :

The invention provides an in vitro method for detection of postpartum anestrus (PPA) condition in buffaloes. Specifically, the invention provides an in vitro method for detection of genetic predisposition to postpartum anestrus (PPA) condition in buffaloes. Specifically, the invention provides a method of detection of SNP at position 251 of 5™ untranscribed region of HSP70 gene.

No. of Pages : 27 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

## (54) Title of the invention : CEILING FAN AS A POWER GENERATION UNIT AND METHOD THEREOF

	DATE	
(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001, INDIA Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)WATH SUSHANT BABARAO
(61) Patent of Addition to Application Number	:NA	2)KANADE GAJANAN SITARAMJI
Filing Date	:NA	3)SHINDE VILAS MOTIRAMJI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a specially designed generator comprises of an Rotor with embedded magnets and a Stator wound with conducting coils, is fitted to Hanging Rod of Ceiling Fan. The rotational energy of the Ceiling Fan is utilized to drive the system. The energy thus generated can be directly used or can be stored in a battery for other use.

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

## (19) INDIA

(22) Date of filing of Application :06/02/2012

(54) Title of the invention : I-MAT

### (43) Publication Date : 10/04/2015

		1
(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHANTANU GANGWAR
(32) Priority Date	:NA	Address of Applicant :R-42, NIVEDITA KUNJ, SECTOR-10,
(33) Name of priority country	:NA	R.K. PURAM, N.DELHI-110022 Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHANTANU GANGWAR
(87) 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 i-Mat is disclosed a pressure sensitive mat system for preventing bedsores in bedridden person. The i-Mat comprises of a plurality of pressure sensors, an alarm clock, a siren and a relay circuit runs on 9 Volts DC or a 220 Volts AC power. Further, the plurality of pressure sensors can detect whether the patient is turning sides at regular intervals, and sends the signal to the relay. The relay amplifies the signal and sends to the siren. The siren warns the attendant to turn sides of the patient. Furthermore, the i-Mat is customizable for individual patients by changing the time interval, number of sensors and size of the i-Mat. Moreover, the i-Mat is an electronic reminding system for regularly turning the sides of bedridden persons that is light, cheap, safe, easy to assemble and use.

No. of Pages : 9 No. of Claims : 6

(21) Application No.1210/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 10/04/2015

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:F16H 61/02 :0950658-5	(71)Name of Applicant : 1)SCANIA CV AB
(32) Priority Date	:14/09/2009	Address of Applicant :S-151 87 SODERTALJE, SWEDEN
(33) Name of priority country	:Sweden	Sweden
(86) International Application No	:PCT/SE2010/050959	(72)Name of Inventor :
Filing Date	:10/09/2010	1)FREDRIK SWARTLING
(87) International Publication No	:WO 2011/031217	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (54) Title of the invention : SYSTEM FOR CONTROL OF GEARSHIFT POINTS

(57) Abstract :

The present invention relates to a system for control of one or more gearshift points, comprising at least one control unit adapted to controlling a gearbox in a motor vehicle which comprises an engine which is connected to, in order to drive, said gearbox where the speed of said engine is controlled by means of an accelerator pedal which is connected to said engine and gearbox and can assume a plurality of positions, a shift point is controlled by said accelerator pedal and represents an engine speed at which said gearbox is adapted to effecting a downshift or upshift, and said system is adapted to operating in a first mode in which said one or more shift points are controlled on the basis of movements of said accelerator pedal, and is also adapted to applying a limitation upon the change in said one or more shift points per unit time. The invention relates also to a method, a mo¬tor vehicle, a computer programme and a computer programme product thereof.

No. of Pages : 18 No. of Claims : 17

(19) INDIA(22) Date of filing of Application :09/02/2012

(43) Publication Date : 10/04/2015

#### (51) International classification :H01H 13/06 (71)Name of Applicant : 1)VALEO CLIMATIZACION SA (31) Priority Document No :09382126.2 (32) Priority Date :29/07/2009 Address of Applicant :CARETERA DE OLESA A MARTOREL KM 1, E-8640 OLESA DE MONTSERRAT, :EUROPEAN (33) Name of priority country SPAIN UNION (86) International Application No :PCT/EP2010/060751 (72)Name of Inventor : Filing Date :23/07/2010 **1)JOAN VILARDELL** (87) International Publication No :WO 2011/012556 2)EMILIO CAAMANO (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : ELECTRIC SWITCH FOR A REAR DOOR OR TAILGATE OF AN AUTOMOBILE

(57) Abstract :

The invention relates to an electric switch for a rear door or tailgate of an automobile, including: a microswitch (5) and an actuator lever (8) for said microswitch (5), said actuator lever (8) being movable between two positions, an inactive position and a switching position in which said lever actuates said microswitch (5), characterised in that said switch also comprises a seal (15) between said microswitch (5) and said actuator lever (8), said seal (15) being configured so as to provide a seal between said microswitch (5) and said actuator lever (8).

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

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

(43) Publication Date : 10/04/2015

## (54) Title of the invention : PROCESS FOR LARGE SCALE PREPARATION OF SPEHRICAL 3-NITRO-1,2,4-TRIAZOL-5-ONE

		(71)Name of Applicant :
(51) International classification	:G02F	
(31) Priority Document No	:0021 :NA	DEVELOPMENT ORGANISATION
(32) Priority Date	:NA	Address of Applicant :MINISTRY OF DEFENCE, GOVT OF
(33) Name of priority country	:NA	INDIA, ROOM NO. 348, B-WING, DRDO BHAWAN, RAJAJI
(86) International Application No	:NA	MARG, NEW DELHI-110105 Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAMAVAT, VIJAYALAKSHMI
(61) Patent of Addition to Application Number	:NA	2)SARANGAPANI, RADHAKRISHNAN
Filing Date	:NA	3)REDDY, T. SREEKANTHA
(62) Divisional to Application Number	:NA	4)SIKDER, ARUN KANTI
Filing Date	:NA	5)PATIL, RAJENDRA SHIVAJI
		6)GORE, GIRISH MUKUND

(57) Abstract :

The present invention relates to a process for large scale preparation of 3-nitro-1, 2, 4-triazol-5-one (NTO) crystals in its spherical form. The NTO crystals obtained have a particle size ranging from less than 5pm to 150 pm.

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

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

## (54) Title of the invention : A NUCLEOTIDE SEQUENCE ENCODING ENONE OXIDOREDUCTASE FROM MANGO

(51) International classification	:C12N	(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)VIDYA SHRIKANT GUPTA
(61) Patent of Addition to Application Number	:NA	2)RAM SHRIDHAR KULKARNI
Filing Date	:NA	3)ASHOK PRABHAKAR
(62) Divisional to Application Number	:NA	4)KESHAV H PUJARI
Filing Date	:NA	

(57) Abstract :

The present invention disclosed herein the primers for amplifying enone oxidoreductase, having sequence selected from the group consisting of Seq. ID No. 1 to 13, from mango. Also disclosed herein is a novel nucleotide sequence of Sequence ID No. 14 encoding said amplified enone oxidoreductase, for enzyme production in an artificial system thus generating the desired flavor in food products.

No. of Pages : 26 No. of Claims : 6

### (12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :06/02/2012

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : HEAVY WALL STEEL PIPES WITH EXCELLENT TOUGHNESS AT LOW TEMPERATURE AND SULFIDE STRESS CORROSION CRACKING RESISTANCE

(51) International classification	:C22F	(71)Name of Applicant :
(31) Priority Document No	:MI2011A000179	
(32) Priority Date	:07/02/2011	Address of Applicant : PIAZZA CADUTI 6 LUGLIO 1944 N.
(33) Name of priority country	:Italy	1-24044 DALMINE, BERGAMO, ITALY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ANELLI ETTORE
(87) International Publication No	:NA	2)ARMENGOL MARIANO
(61) Patent of Addition to Application Number	:NA	3)NOVELLI PAOLO
Filing Date	:NA	4)TINTORI FEDERICO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

Embodiments of the present disclosure comprise carbon steels and methods of manufacturing thick walled pipes (wall thickness greater than or equal to about 35 mm) there from. In one embodiment, a steel composition is processed that yields an average prior austenite grain size greater than about 15 or 20 µm and smaller than about 100 µm. Based upon this composition, a quenching sequence has been determined that provides a microstructure of greater than or equal to about 50% by volume, and less than or equal to about 50% by volume lower bainite, without substantial formation of ferrite, upper bainite, or granular bainite. After quenching, the pipe may be subjected to tempering. The yield strength of the quenched and tempered pipes may be greater than about 450 MPa or 485 MPa and mechanical property measurements find the quenched and tempered pipes suitable for 450 MPa grade and 485 MPa grade, and resistance to sulfide stress corrosion cracking. 65 ksi = 450 MPa 70 ksi = 485 MPa Page 9, par. 0034 y 0035

No. of Pages : 53 No. of Claims : 26

(21) Application No.1107/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 10/04/2015

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:61/224,675	1)BIO2 TECHNOLOGIES INC.
(32) Priority Date	:10/07/2009	Address of Applicant :12-R Cabot Road Woburn MA 01801
(33) Name of priority country	:U.S.A.	United States of America U.S.A.
(86) International Application No	:PCT/US2010/041333	(72)Name of Inventor :
Filing Date	:08/07/2010	1)James Jenq LIU
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract :		

#### (54) Title of the invention : DEVICES AND METHODS FOR TISSUE ENGINEERING

(57) Abstract :

A resorbable tissue scaffold fabricated from bioactive glass fiber forms a rigid three-dimensional porous matrix having a bioactive composition. Porosity in the form of interconnected pore space is provided by the space between the bioactive glass fiber in the porous matrix. Strength of the bioresorbable matrix is provided by bioactive glass that fuses and bonds the bioactive glass fiber into the rigid three-dimensional matrix. The resorbable tissue scaffold supports tissue in-growth to provide osteoconductivity as a resorbable tissue scaffold used for the repair of damaged and/or diseased bone tissue.

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

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 10/04/2015

(54) Title of the invention : EMERGENCY LOCATOR TRANSMITTER ACTIVATION TECHNOLOGY USING EXTERNAL SENSORS.

<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	<ul> <li>(71)Name of Applicant :</li> <li>1)AVIONICS DIVISION, HAL KORWA Address of Applicant :AGM (DESIGN) ASERDC</li> <li>HINDUSTAN AERONAUTICS LIMITED, AVIONICS</li> <li>DIVISION, KORWA, AMETHI-227412, UP, INDIA Uttar</li> <li>Pradesh India</li> <li>(72)Name of Inventor :</li> </ul>
<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	<ul> <li>(72)Name of Inventor :</li> <li>1)SH. SHESH VARDHAN</li> <li>2)SH. DHEERAJ KUMAR</li> <li>3)SH. SANJEEV VERMA</li> </ul>
Filing Date	:NA	

(57) Abstract :

ELT activation technology provides the option of activating Emergency Locator Transmitter by external sensing independent of inbuilt activation. ELT activation technology (EAT) provides excitation for external sensors installed on the vehicle skin for detection of crashlhazardous situations, accepts sensed input and generates command1 signal for ELT activation.

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

(19) INDIA

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

(43) Publication Date : 10/04/2015

(54) Title of the invention : FOLDABLE INTELLIG	ENT MODUL	Æ
(51) International classification	E01D	(71)Name of Applicant : 1)AVIONICS DIVISION, HAL KORWA
<ul><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:NA :NA	Address of Applicant :AGM (DESIGN) ASERDC HINDUSTAN AERONAUTICS LIMITED DIVISION, KORWA
(33) Name of priority country	:NA	AMETHI-227412, U.P., INDIA. Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SH. SHESH VARDHAN
(87) International Publication No	: NA	2)SH. DHEERAJ KUMAR
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)SH. SANJEEV VERMA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Foldable Intelligent Module is an electronic module with high performance data processing capabilities and powerful peripherals & latest communication protocols. Module consists of rigidflex parts of printed circuit board assembly where rigid parts are foldable one above the other using flex part of it. This provides reduction in overall length of module and adaptation to any small space/curvature. The module is environmental screened to military standard. The module can be used in military, civil and industrial fields for various applications.

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

(19) INDIA

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

#### (54) Title of the invention : FREQUENCY ACQUISITION & COUNTING METHOD FOR DATA ACQUISITION 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</li> </ul>	:F24F, H03K :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ASERDC, HINDUSTAN AERONAUTICS LTD.,</li> <li>AVIONICS DIVISION, KORWA Address of Applicant :AGM (DESIGN) ASERDC</li> <li>HINDUSTAN AERONAUTICS LIMITED DIVISION, KORWA,</li> <li>AMETHI-227412, U.P., INDIA. Uttar Pradesh India</li> </ul>
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor : 1)VIVEK DADU
(61) Patent of Addition to Application Number	:NA	2)ANKIT KUMAR SINGH
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Data acquisition system acquires frequency parameter in addition to various other parameters to perform conditioning and counting for atleast recording purposes. A method for frequency counting is developed using a reconfigurable device and a processing unit in addition to conditioning. Page 1 of 8

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

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : METHOD OF DETERMINING THE INFLUENCE OF A VARIABLE IN A PHENOMENON (51) International classification :G01R (71)Name of Applicant : :13/023181 (31) Priority Document No 1) GENERAL ELECTRIC COMPANY (32) Priority Date Address of Applicant :1 RIVER ROAD, SCHENECTADY, :08/02/2011 (33) Name of priority country NEW YORK 12345, UNITED STATES OF AMERICA U.S.A. :U.S.A. (86) International Application No (72)Name of Inventor : :NA 1)CALLAN ROBERT EDWARD Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A method of determining the influence of a variable in a phenomenon includes extracting a selected variable from a non-transitory medium for analysis and conducting in a processor a sequence of graphical operations that includes other variables in the phenomenon. Calculating a variable influence indicator for the selected variable and repeating the steps for other selected variables enables an evaluation among the selected variables to determine their influence in the phenomenon.

No. of Pages : 20 No. of Claims : 10

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :06/02/2012

#### (43) Publication Date : 10/04/2015

## (54) Title of the invention : A METHOD FOR THE PREPARATION OF L-ENANTIOMERS SELECTIVE MEMBRANE FOR OPTICAL RESOLUTION OF ALPHA-AMINO ACIDS

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C07C :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL</li> <li>RESEARCH <ul> <li>Address of Applicant :ANUSANDHAN BHAWAN, RAFI</li> <li>MARG, NEW DELHI-110001, INDIA Delhi India</li> <li>(72)Name of Inventor :</li> <li>1)KRIPAL SINGH</li> <li>2)HARI CHAND BAJAJ</li> <li>3)PRAVIN GANESHRAO INGOLE</li> </ul> </li> </ul>
11		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a L-enantiomers selective composite membrane useful for separation of optical isomers and the process for the preparation thereof. The invention further provides a membrane based pressure driven separation process for separation of enantiomers from their mixture to obtain optical pure isomers. The present invention also provides a membrane based method for optical resolution of racemic mixtures of amino acids to obtain optically pure amino acids.

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

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : CRYSTALLIZATION METHOD AND BIOAVAILABILITY

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:A61K 31/675 :61/230,222 :31/07/2009 :U.S.A. :PCT/US2010/043892 :30/07/2010 :WO 2011/014766 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)THAR PHARMACEUTICALS, INC. Address of Applicant :730 WILLIAM PITT WAY,</li> <li>PITTSBURGH, PA 15238, U.S.A. U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)HANNA, MAZEN</li> <li>2)SHAN, NING</li> <li>3)CHENEY, MIRANDA</li> <li>4)WEYNA, DAVID</li> <li>5)HOUCK, RAYMOND K.</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Preparation, in -vitro and in vivo characterization of novel forms of (1 -hydroxy- 2-imida/ol-l-yl-1 -phosphono-cthyl) phosphonic acid, suitable for pharmaceutical compositions in drug delivery systems for humans.

No. of Pages : 81 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 10/04/2015

(54) Title of the invention : CONFIGURA	TIONS AND METHOD	S OF GENERATING LOW-PRESSURE STEAM
<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>	:B01D 3/14 :NA :NA :PCT/US2009/053370 :11/08/2009 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)FLUOR TECHNOLOGIES CORPORATION Address of Applicant :3 POLARIS WAY, ALISO VIEJO, CA</li> <li>92698, U.S.A. U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)SCHERFFIUS, JEFFREY</li> </ul>
Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Low-pressure steam for a steam consuming device, and particularly a steam reboiler, is generated at the steam consumption pressure to maximize the heat recovery from a utility fuel and/or waste heat source. Most preferably, steam is generated at the lowest possible pressure by fluidly coupling the steam generator to the steam consuming device (e.g., by integrating the condensate drum with the steam drum). Therefore, it should be appreciated that the steam generator pressure in such configurations and methods will ride on the reboiler pressure.

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

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :03/10/2013

#### (43) Publication Date : 10/04/2015

# (54) Title of the invention : PROCESS FOR PRODUCING ANTI-REFLECTIVE COATINGS WITH ANTI-FOGGING (SUPER HYDROPHILIC), UV, WEATHER AND SCRATCH RESISTANCE PROPERTIES

(51) International classification :C09E	(71)Name of Applicant :
(31) Priority Document No :NA	1)INTERNATIONAL ADVANCED RESEARCH CENTRE
(32) Priority Date :NA	FOR POWDER METALLURGY AND NEW MATERIALS
(33) Name of priority country :NA	(ARCI)
(86) International Application No :NA	Address of Applicant :PLOT NO 102, INSTITUTIONAL
Filing Date :NA	AREA, SECTOR 44, GURGAON-122003, HARYANA, INDIA
(87) International Publication No : NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number :NA	1)SHANMUGASUNDARAM SAKTHIVEL
Filing Date :NA	2)SHERINE ALEX
(62) Divisional to Application Number :NA	3)SHRIKANT VISHWANATH JOSHI
Filing Date :NA	

(57) Abstract :

A bi-layer multifunctional coating (MFC) with anti-reflective, anti-fogging, UV, weather and scratch resistance properties for applying on different substrates wherein, a) the first layer (bottom) is a composite sol having Si02 as one of the ingredient and the second ingredient is selected from a group comprising Ti02, Zr02 and MPTS and b) the second layer (top) layer is formed from a highly positive charge SiO2 nanoparticle sol over the said first composite layer.

No. of Pages : 39 No. of Claims : 21

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

## (54) Title of the invention : CARRYING BELT CONVEYOR AND CONVEYOR ARRANGEMENT HAVING A CARRYING BELT CONVEYOR OF THIS TYPE

(51) International classification:B23B(31) Priority Document No:10 2011(32) Priority Date:07/02/201(33) Name of priority country:Germany(86) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	<ul> <li>(71)Name of Applicant : <ul> <li>1)EISENMANN AG</li> <li>Address of Applicant :TUBINGER STR. 81, D-71032</li> </ul> </li> <li>BOBLINGEN, GERMANY</li> <li>(72)Name of Inventor : <ul> <li>1)KLAUS GA WELCZYK</li> <li>2)MARTIN WADER</li> </ul> </li> </ul>
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#### (57) Abstract :

A carrying belt conveyor for conveying material to be conveyed, in particular loaded pallets, has a rail system (18) which comprises at least one floor-based carrying rail (16). There is at least one transport car (22) which may be moved in a transport direction (24) on the carrying rail (16) and comprises a travel mechanism (26) having a travel unit (28) which leads in the transport direction (24) and a travel unit (30) which follows in the transport direction (24), which travel units are connected by a frame structure (32) and are guided in each case by the carrying rail (16). The transport car (22) moreover comprises a carrying device (46) for material to be conveyed. The frame structure (32) of the travel mechanism (26) forms the carrying device (46) and is in turn constructed as a conveyor device (48) by means of which material to be conveyed may be moved relative to the travel mechanism (26) of the transport car (22) at an angle to the transport direction (24). A conveyor arrangement (10) is moreover indicated, which comprises a carrying belt conveyor (12) of this type.

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

(19) INDIA

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 10/04/2015

(51) International classification	:C08B	(71)Name of Applicant :
(31) Priority Document No	:102011003986.4	1)KRONES AG
(32) Priority Date	:11/02/2011	Address of Applicant :BOHMERWALDSTR. 5, 93073
(33) Name of priority country	:Germany	NEUTRAUBLING, GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)WASMUHT, KLAUS
(87) International Publication No	:NA	2)ADRIAN, ECKEHARD
(61) Patent of Addition to Application Number	:NA	3)PREISS, JOHANNES
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : DEVICE AND METHOD FOR THE PRODUCTION OF A POLYMER GRANULATE

(57) Abstract :

The invention relates to a device for the production of a polymer granulate, comprising a means for continuously producing a polymer strand from a polymer melt and a cutting means for cutting the resultant polymer strand, characterized in that the cutting means is arranged relative to the means for producing the polymer strand in a distance-variable manner. The invention further relates to a method for the production of a polymer granulate, comprising the steps of continuously producing a polymer strand from a polymer melt and of cutting the resultant polymer strand into a polymer granulate, characterized in that the period between the production of the polymer strand and the cutting step is variably adjustable by varying the distance of a cutting means relative to a means for producing the polymer strand.

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

(19) INDIA

(22) Date of filing of Application :08/10/2013

#### (54) Title of the invention : CONTENT MANAGEMENT USING COMMUNICATION 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H04N, G06T :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SAMSUNG INDIA ELECTRONICS PVT. LTD. Address of Applicant :Logix Cyber Park Plot No. C- 28 &amp; 29 Tower D 2nd Floor Sector - 62 Noida Uttar Pradesh 201301 Uttar Pradesh India</li> <li>(72)Name of Inventor :</li> <li>1)MATHUR, Akhila</li> <li>2)GUPTA, Ayushi</li> <li>3)MAGARKAR, Sanket</li> <li>4)Mahelaqua</li> <li>5)ARORA, Kalika</li> <li>6)GUPTA, Prateek</li> <li>7)GOEL, Priyanka</li> </ul>
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(57) Abstract :

The present subject describes a communication device (105) for content management. The communication device determines one or more content filtering attributes to filter content to be retrieved from one or more content providers (110), the one or more content filtering attributes being selected by a user of the communication device (105). Further, the filtered content is provided based on the content filtering attributes. The filtered content includes one or more feeds and each of the one or more feeds including text pertaining to a corresponding feed and one or more indicators illustrating that the corresponding feed includes multimedia content. Based on an input received from the user, it may be ascertained, whether the user wishes to receive a compressed version of the multimedia content may be provided.

No. of Pages : 30 No. of Claims : 23

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :06/02/2012

#### (43) Publication Date : 10/04/2015

## (54) Title of the invention : MULTI LAYER WOUND DRESSING MATERIAL AND MECHANISM FOR EFFICIENT DRUG RELEASE AND HEALING THEREBY

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY DELHI
(32) Priority Date	:NA	Address of Applicant : INDIAN INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY DELHI, HAUZ KHAS, NEW DELHI-110016
(86) International Application No	:NA	Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)KOUL VEENA
(61) Patent of Addition to Application Number	:NA	2)JAISWAL MANEESH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to Triple Layer Wound Dressing Material and Mechanism for Efficient Drug release and Healing thereby which maintains a continuous moist environment around wound bed and acts as a barrier for microbial infection. More specifically, the present invention discloses a triple layer dressing which is non-sticky to the skin with smooth peeling without injury to the newly formed tissues and in which the inner layer of the dressing delivers the therapeutically active drug in a sustained manner for its maximum efficacy thereby utilizing the potent drug economically with low dose regime and also at the same time, its inner layer of the dressing retains its integrity under in-vivo enaymatic body fluid and degrades as per the desirability, i.e. 3-6 days.

No. of Pages : 45 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : SYNCHRONOUS FEEDING AND POSITIONING APPARATUS FOR CONVEYING (51) International classification :B23B (71)Name of Applicant : (31) Priority Document No 1)KAULIN MFG. CO., LTD. :NA (32) Priority Date Address of Applicant :11F., NO. 128, SEC. 3, MIN-SHENG :NA (33) Name of priority country E.RD., SONG-SHAN DISTRICT, TAIPEI CITY, TAIWAN :NA (86) International Application No (R.O.C.) Taiwan :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No :NA 1)PEI-CHIA LIN (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract :

A synchronous feeding and positioning apparatus for conveying buttons includes a base frame (10), an actuator (20), a first rotating shaft (30), lateral-thrust elements (40), a second rotating shaft (50), gear wheels (60), and a front-block element (70). The base frame (10) has a placing platform (14) and the actuator (20) is fixed on the base frame (10). The first rotating shaft (30) is connected to the actuator (20) and the first rotating shaft (30) has a first thread section (31) and a second thread section (32) which is in an opposite rotary direction to the first thread section (31). Each lateral-thrust elements (40, 40') is driven in a screw-thread manner to the first thread section (31) and the other of the lateral-thrust elements (40, 40') is driven in a screw-thread manner to the first thread section (32). The second rotating shaft (50) is disposed on one side of the first rotating shaft (50) is disposed on one side of the first rotating shaft (50) is disposed on one side of the first rotating shaft (50). The second rotating shaft (50). The front-block element (70) is driven in a screw-thread manner to the second rotating shaft (50). The front-block element (70) is driven in a screw-thread manner to the second rotating shaft (50). The front-block element (70) is driven in a screw-thread manner to the second rotating shaft (50). The front-block element (70) is driven in a screw-thread manner to the second rotating shaft (50). The front-block element (70) is driven in a screw-thread manner to the second rotating shaft (50). The front-block element (70) is driven in a screw-thread manner to the second rotating shaft (50). The front-block element (70) is driven in a screw-thread manner to the second rotating shaft (50). The front-block element (70) is driven in a screw-thread manner to the second rotating shaft (50). The front-block element (70) is driven in a screw-thread manner to the second rotating shaft (50). The front-block element (70) is driven in a screw-thread manner to the second rotating shaft

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

#### (19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:61/442,858	1)FLOW POLYMERS, LLC
(32) Priority Date	:15/02/2011	Address of Applicant :12819 COIT ROAD, CLEVELAND,
(33) Name of priority country	:U.S.A.	OH 44108-1614, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AARON S. PUHALA
(87) International Publication No	:NA	2)MICHAEL S. IVANY
(61) Patent of Addition to Application Number	:NA	3)JAMES W. HOOVER
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : DEODORIZED ASPHALT ADDITIVE COMPOSITION

(57) Abstract :

This invention is based upon the discovery that a hydroxylated carboxylic acids which contain at least 17 carbon atoms and alkaline earth metal salts thereof, such as zinc ricinoleate, act effectively as deodorants in asphalt and asphalt containing compositions. The present invention more specifically discloses an asphalt additive composition which is comprised of (1) an asphalt, (2) 0.05 weight percent to about 4 weight percent of a partitioning agent, and (3) at least 0.1 weight percent of a deodorant selected from the group consisting of (a) a hydroxylated carboxylic acid which contains at least 17 carbon atoms and (b) an alkaline earth metal salt of a hydroxylated carboxylic acid which contains at least 17 carbon atoms. In many applications it is beneficial for the asphalt additive composition to further include 0.5 weight percent to about 50 weight percent of a polymer additive.

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

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

### (54) Title of the invention : PASSIVE BIRD-STRIKE AVOIDANCE SYSTEMS AND METHODS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:G09D :61/439,489 :04/02/2011	Address of Applicant :101 COLUMBIA ROAD, P. O. BOX
(33) Name of priority country	:U.S.A.	2245, MORRISTOWN, NEW JERSEY 07962-2245, UNITED
(86) International Application No	:NA	STATES OF AMERICA U.S.A.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)DAVID C. VACANTI
(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 providing passive bird-strike avoidance. A passive L-band receiver system (20) is located on an aircraft (18). The system includes a processor (30) and an antenna (34) having an array of four or more elements. The antenna configured to receive L-band signals. The processor receives the L-band signals from the antenna, determines if the received L-band signals indicate a target, determines distance, direction of travel and speed of any determined targets, determines if the target is a flock of birds based on the determined speed and determines if a hazard condition exists based on the distance, direction and speed.

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

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :03/02/2014

(43) Publication Date : 10/04/2015

# (54) Title of the invention : APPARATUS FOR ELECTROSTIMULATION AND METHOD FOR CONTROLLING MULTIPLE ELECTRODES IN AN APPARATUS FOR ELECTROSTIMULATION

(51) International classification	:A61N	(71)Name of Applicant :
	:DE 10	1)PIERENKEMPER GMBH
(31) Priority Document No	2013 110	Address of Applicant : AM GEIERBERG 6, D-35630
	984.5	EHRINGSHAUSEN (DE) Germany
(32) Priority Date	:02/10/2013	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)DR. IUR ROGER PIERENKEMPER
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

An apparatus for electrostimulation has a whole-body support and electrodes disposed in the support. The electrodes are disposed in pairs, relative to a center longitudinal axis of the t apparatus, and are configured so that they can be controlled one after the other or similltileously. A method for controlling multiple electrodes in an apparatus for electrostimulation disposes the electrodes in or on the apparatus for electrostimulation, which has a support for part of the body or for the whole body. The electrodes are configured so that they can be controlled one after the other or simultaneously. The electrodes are controlled individually or in pairs, with regard to a duration andfor an intensity of the stimulation.

No. of Pages : 27 No. of Claims : 30

## (22) Date of filing of Application :06/02/2012

#### (43) Publication Date : 10/04/2015

## (54) Title of the invention : PROCESS FOR PREPARING STABLE PHARMACEUTICAL COMPOSITIONS OF COMPOUNDS SUSCESPTIBLE TO HYDROLYSIS

(51) International classification:A61(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAState:NA(62) Divisional to Application Number:NAState:N	<ul> <li>(71)Name of Applicant :</li> <li>1)FRESENIUS KABI ONCOLOGY LTD. Address of Applicant :B-310, SOM DATT CHAMBERS-I, BHIKAJI CAMA PLACE, NEW DELHI 110 066, INDIA Delhi India</li> <li>(72)Name of Inventor :</li> <li>1)KHATTAR, DHIRAJ</li> <li>2)KHANNA, RAJESH;</li> <li>3)MOTWANI, SANJAY</li> <li>4)GARG, MINAKSHI;</li> <li>5)CHANDEL, VIKAS</li> <li>6)YADAV, MUKTI;</li> <li>7)KUMAR KYAMA, VIJAY</li> <li>8)BHANDARI, VIKAS;</li> </ul>
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#### (57) Abstract :

The present invention relates to a process of preparing a stable pharmaceutical composition of compounds which are susceptible to hydrolysis comprising a. Addition of required quantity of pharmaceutically acceptable lyophilization excipients optionally in Water for Injection in a formulation vessel; b. Addition of organic solvent to form a appropriate proportion of aqueous and organic solvent; c. Maintaining the temperature of the formulation vessel from the range  $-5\pm1^{\circ}$ C to  $-5\pm3^{\circ}$ C; d. Addition of required quantity of compound susceptible to hydrolysis to form a solution and lyophilizing the solution.

No. of Pages : 27 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :04/10/2013

(43) Publication Date : 10/04/2015

### (54) Title of the invention : METHOD AND SYSTEM FOR SELECTING AND EXECUTING TEST SCRIPTS

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)UNISYS CORPORATION
(32) Priority Date	:NA	Address of Applicant :C/O PATENT & TECHNOLOGY
(33) Name of priority country	:NA	LAW GROUP MS/2NW, 801 LAKEVIEW DRIVE, SUITE 100,
(86) International Application No	:NA	BLUE BELL, PA 19422, USA U.S.A.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MANJUNATHA NANJUNDAPPA
(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 are disclosed herein to a method for reusing test automation framework across multiple applications, the method comprises receiving a selection of one or more test scripts from a user to test an application; creating an execution list containing every selected test script; loading the instructions of the test script into the computer-readable memory when the test script is found in the test script repository; executing the test script testing the application according to the instructions defined in the test script and according to computer instructions defined by the utility functions or the common functions when the test script calls either the common functions or the utility functions; checking the applications status after the test terminates operation; and recovering and closing the application if the application failed before executing a second test script testing the application.

No. of Pages : 43 No. of Claims : 21

#### (19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

### (54) Title of the invention : METHODS AND APPARATUS TO CORRELATE HEALTHCARE INFORMATION

(31) Priority Document No:13/031(32) Priority Date:21/02/(33) Name of priority country:U.S.A(86) International Application No:NAFiling Date:NA	FF
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> <li>NA</li> <li>Filing Date</li> <li>NA</li> </ul>	2)MURAWSKI, DAVID P. 3)JAMES, ALAN F. 4)SHARMA, NIRANJAN KUMAR

(57) Abstract :

Methods and apparatus to correlate healthcare information are disclosed. An example method includes receiving (400) a healthcare message from a first entity (104) of a healthcare enterprise (102), wherein the healthcare message is configured according to a first identification schema of the first entity (104); identifying (402) one or more subjects of the healthcare message for correlation into an electronic clinical information system (124); selecting (406) one of a plurality of correlators (224) for each identified subject to correlate each identified subject, wherein each of the correlators (224) are customizable to handle a specific type of healthcare message subject; and correlating (408) the identified subjects of the message to associate each of the identified subjects with an identifier internal to the electronic clinical information system (124).

No. of Pages : 37 No. of Claims : 12

#### (19) INDIA

(22) Date of filing of Application :06/02/2012

#### (54) Title of the invention : ROLLING CONTROL APPARATUS AND ROLLING CONTROL 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> </ul>	:Japan :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HITACHI, LTD.</li> <li>Address of Applicant :6-6, MARUNOUCHI 1-CHOME,</li> <li>CHIYODA-KU, TOKYO JAPAN.</li> <li>(72)Name of Inventor :</li> <li>1)HATTORI SATOSHI</li> <li>2)FUKUCHI YUTAKA</li> </ul>
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number Filing Date</li></ul>	:NA :NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

It is intended to perform sheet thickness control and tension control with enhanced stability even when the influence coefficient (501, 502, 503, 504) of a rolling machine (2, 3) varies significantly depending on a productive operation state. A technique is provided for optimizing, by switching between a upstream stand speed and downstream stand roll gap or by modifying control output distribution in response to an influence coefficient change, a control output destination of sheet thickness control (7) and tension control (8) while retaining stability within an extended range of form very low speed to high speed part. Using the control output destination of the sheet thickness control (7) and tension control (8) while switching between the upstream stand speed and the downstream stand roll gap in accordance with a rolled state leads to amelioration of the sheet thickness accuracy and production efficiency.

No. of Pages : 34 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : A PROCESS FOR THE DUAL PRODUCTION OF α-AMYLASE AND BT-TOXIN (51) International classification :C07C (71)Name of Applicant : (31) Priority Document No 1) DEPARTMENT OF BIOTECHNOLOGY :NA (32) Priority Date Address of Applicant : BLOCK 2.7TH FLOOR CGO :NA (33) Name of priority country COMPLEX. LODI ROAD NEW DELHI 110003 Delhi India :NA (86) International Application No 2)UNIVERSITY OF CALICUT :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No :NA **1)SAILAS BENJAMIN** (61) Patent of Addition to Application Number :NA 2)R.B. SMITHA Filing Date :NA 3)V. N. JISHA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

This invention relates to a process for the dual production of  $\alpha$ -amylase and Bttoxin, comprising the steps of autoclaving a medium (LB + 10% PP) for solid state fermentation and inoculating the same with Bacillus thuringiensis subspecies kurstaki (Btk), followed by incubation for 12 hrs (125 rpm, 370C) to obtain a first fermented matter, subjecting the first fermented matter to centrifugation to obtain a pellet and supernatant; fractionating the supernatant followed by dialyasis and chromatography to yield the partially pure  $\alpha$ -amylase; incubating (370C) the pellet obtained from centrifugation of the first fermented matter for a further period of 46 hrs (Initial 12 + 36 = 48 hrs), to obtain a second fermented matter containing crystals of Bt-toxin.

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

(22) Date of filing of Application :04/10/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : 6-NITRO-2,3-DIHYDROMIDAZO[2,1-B]OXAZOLES AND A PROCESS FOR THE PREPARATION THEREOFANTI-MYCOBACTERIAL AGENTS

(51) International classification:C07(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NA	<ul> <li>(71)Name of Applicant :</li> <li>1)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL</li> <li>RESEARCH</li> <li>Address of Applicant :ANUSANDHAN BHAWAN, RAFI</li> <li>MARG, NEW DELHI - 110001, INDIA. Delhi India</li> <li>(72)Name of Inventor :</li> <li>1)GURUNADHAM MUNAGALA</li> <li>2)KUSHALAVA REDDY YEMPALLA</li> <li>3)INSHAD ALI KHAN</li> <li>4)NITIN PAL KALIA</li> <li>5)VIKRANT SINGH RAJPUT</li> <li>6)AMIT NARGOTRA</li> <li>7)SANGHAPAL DAMODHAR SAWANT</li> <li>8)RAM ASREY VISHWAKARMA</li> </ul>
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### (57) Abstract :

The present invention relates to newer generaration of triazoles, tetrazoles, isoxazoles, urea and sulphonamide functionalities containing 6-nitro-2, 3-dihydronitroimidazooxazoles agents, their method of preparation, and to their use as drugs for treating Mycobacterium tuberculosis, MDR-TB and XDR-TB either alone or in combination with other anti-tubercular agents. In the present invention, new generaration 6-nitro-2,3-dihydronitroimidazooxazoleasg ents also shown acceptable pharmacokinetic properties and synergistic or additive effects with known anti-tubercular drugs.

No. of Pages : 108 No. of Claims : 15

(22) Date of filing of Application :04/10/2013

(43) Publication Date : 10/04/2015

# (54) Title of the invention : PPY-AG NANOCOMPOSITE IMPREGNATED ACTIVATED CARBON MEMBRANE USEFUL FOR THE REMOVEL OF E. COLI FROM WATER

(51) International classification	B82Y	(71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(31) Priority Document No	:NA	RESEARCH
(32) Priority Date	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(33) Name of priority country	:NA	MARG, NEW DELHI - 110001, INDIA. Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DHAWAN SUNDEEP KUMAR
(87) International Publication No	: NA	2)BHANDARI HEMA
(61) Patent of Addition to Application Number	:NA	3)VARSHNEY SWATI
Filing Date	:NA	4)SHARMA BRIJESH
(62) Divisional to Application Number	:NA	5)KOTNALA RAVINDER KUMAR
Filing Date	:NA	

(57) Abstract :

The present invention provides conducting polypyrrole polymerized on activated charcoal membrane encapsulated with nano silver particle useful for the removal of E.coli from water. Synthesis of polypyrrole was done in the presence of sodium tosylate ions using ferric chloride as oxidant and encapsulated on activated charcoal matrix in which silver nano particles were trapped as one of the constituent.

No. of Pages : 22 No. of Claims : 6

(22) Date of filing of Application :04/10/2013

(43) Publication Date : 10/04/2015

# (54) Title of the invention : STEREOSPECIFIC AND PROFICIENT SYNTHESIS OF SEVEN MEMBERED SULFIDE ITS APPLICATION FOR TAMIFLU SYNTHESIS

(51) International classification:C077 C12P(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(61) Patent of Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA	<ul> <li>D, (71)Name of Applicant :</li> <li>1)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL</li> <li>RESEARCH</li> <li>Address of Applicant :ANUSANDHAN BHAWAN, RAFI</li> <li>MARG, NEW DELHI-110001, INDIA Delhi India</li> <li>(72)Name of Inventor :</li> <li>1)SUBHASH PRATAPRAO CHAVAN</li> <li>2)PRAKASH NARSING CHAVAN</li> </ul>
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(57) Abstract :

The present invention discloses an economic, simple, azide and aziridine complexity free process for the synthesis of osletamivir phosphate (Tamiflu) by stereospecific amidoalkylation of imidazothiazolone from easily available L-cysteine via Ramberg-Backlund reaction and Sharpless-Reich protocol.

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

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : POWER MONITORING AND CONTROL APPARATUS AND POWER MONITORING AND CONTROL SYSTEM

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:2011- 100369	1)HITACHI, LTD. Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(32) Priority Date	:28/04/2011	CHIYODA-KU, TOKYO JAPAN.
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NĀ	1)ISHIDA TAKAHARU
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (57) Abstract :

A power monitoring and control apparatus (102,502) and system are provided, which level charge loads of electric vehicles over an overall power system (101) as well as make the power loads fall within the maximum contract power, in plug-in charging of the electric vehicles in individual houses. The power monitoring and control apparatus is used in charging a battery-mounted equipment (108) from the power system through a battery charger (106). The apparatus (104,105; 504, 505) compares a current value available for charging the battery-mounted equipment from the power system with a charging current value requested to the battery charger from the battery-mounted equipment, and employs as the charging current to the battery-mounted equipment a smaller one among the charging current available value and the charging request value.

No. of Pages : 37 No. of Claims : 9

#### (19) INDIA

(22) Date of filing of Application :08/02/2012

#### (43) Publication Date : 10/04/2015

(54) Title of the invention : SCROLL COMPRESSOR		
(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:2011-	1)HITACHI APPLIANCES, INC.
(32) Priority Date	049758 ·08/03/2011	Address of Applicant :16-1, KAIGAN 1-CHOME, MINATO- KU, TOKYO, JAPAN
(32) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)YANAGASE YUICHI
Filing Date	:NA	2)TSUBONO ISAMU
(87) International Publication No	:NA	3)SATO EIJI
(61) Patent of Addition to Application Number	:NA	4)CHIKANO MASATSUGU
Filing Date	:NA	5)TSUCHIYA TAKESHI
(62) Divisional to Application Number	:NA	6)MATSUNAGA MUTSUNORI
Filing Date	:NA	

(57) Abstract :

In a scroll compressor, it is hard to zone a high pressure chamber and a back pressure chamber which are formed in a back face of an orbiting scroll by a sealing means, increase a feeding amount to the high pressure chamber and the back pressure chamber at a low speed and adjust it at a high speed. A sealing means sealing a high pressure chamber in a center portion of a back face of an orbiting scroll and a back pressure chamber formed by an outer peripheral portion is provided, and a spiral shaped throttle passage is provided between a boss portion in the back face of the orbiting scroll and an outer peripheral surface of an orbiting bearing, thereby constructing an oil feeding route for feeding a lubricating oil to the back pressure chamber from the high pressure chamber.

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

(19) INDIA

(22) Date of filing of Application :06/02/2012

#### (43) Publication Date : 10/04/2015

(54) Title of the invention : FIRE-CONTR	OL 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> </ul>	:B41F :0950541-3 :08/07/2009 :Sweden	<ul> <li>(71)Name of Applicant :</li> <li>1)GS Development AB Address of Applicant :Jgershillgatan 15 S-213 75 Malm Sweden</li> <li>(72)Name of Inventor :</li> <li>1)HKANSON Hkan</li> </ul>
<ul> <li>(87) International Publication No</li> <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 :NA	2)WIKLUND Ralf 3)GUNNARSSON Kjell 4)BRANDT Mikael 5)TRULSSON Hkan

#### (57) Abstract :

A fire-control system comprising - a housing - a light channel through which a user may directly observe a target and receive visually displayed information simultaneously said light channel comprising partially reflective optics a light source for visualization of a reticle to the user via the partially reflective optics - means for receiving a measure of the distance to the target a processor for determining the adequate position of the reticle based on the distance to the target and for controlling the light source to emit light so that the reticle is visualized at the adequate position wherein the light source is an array capable of selectively emitting light in well defined locations on its surface.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 10/04/2015

(54) Title of the invention : PROCESS FOR PRODUCTION OF BIS-QUATERNARY AMMONIUM SALT AND NOVEL INTERMEDIATE

<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>	:C10N :2009-184641 :07/08/2009 :Japan :PCT/JP2010/063301 :05/08/2010 : NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Wako Pure Chemical Industries Ltd. Address of Applicant :1-2 Doshomachi 3-Chome Chuo-Ku Osaka 540-8605 Japan</li> <li>(72)Name of Inventor :</li> <li>1)Kuniaki OKAMOTO</li> <li>2)Tsutomu WATAHIKI</li> <li>3)Motoshige SUMINO</li> </ul>
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#### (57) Abstract :

The present invention relates to a method for producing a bis-quaternary ammonium salt represented by a general formula [3] which comprises reacting a disulfonic acid ester represented by a general formula [1] (in the formula definitions of two R1s and T are as described in Claim 1) with a tertiary amine represented by a general formula [2] (in the formula definitions of R3 to R5 are as described in Claim 1) and a disulfonic acid ester represented by a general formula [1] (in the formula two R16s represent independently a halogen atom or a C1-C3 fluoroalkyl group and two ms represent independently an integer of 1 to 5).

No. of Pages : 76 No. of Claims : 5

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 10/04/2015

## (54) Title of the invention : APPARATUS AND METHOD FOR TUNING TO A CHANNEL OF A MOVING PICTURES EXPERT GROUP TRANSPORT STREAM STREAM (MPEG-TS)

<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>	:H04N 7/24 :NA :NA :PCT/EP2009/060309 :07/08/2009 :WO 2011/015251 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :SE-164 83 STOCKHOLM (SE)</li> <li>Sweden</li> <li>(72)Name of Inventor :</li> <li>1)EINARSSON, TORBJORN</li> <li>2)LOHMAR, THORSTEN</li> <li>3)RUSERT, THOMAS</li> </ul>
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#### (57) Abstract :

A method and apparatus for tuning to a channel of a Moving Pictures Expert Group transport stream (MPEG-TS), for example used in an Internet Protocol Television (IPTV) network, are provided for optimising a channel change procedure. The method comprises the steps of receiving a MPEG transport stream at a first bit rate, the MPEG transport stream comprising a plurality of television channels. Program clock reference (PCR) values are identified in the received MPEG transport stream, and one or more of the program clock reference values, are transmitted at a second bit rate, for example to a receiver device such as a set top box, thereby enabling the set top box to perform a channel change procedure more quickly.

No. of Pages : 29 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :04/10/2013

(43) Publication Date : 10/04/2015

### (54) Title of the invention : TOPICAL PIGMENTORY COMPOSITION

	117	(71)Nome of Annihomete
(51) International classification	A61Q	(71)Name of Applicant : 1)BANERJI SANJAY
(31) Priority Document No	:NA	Address of Applicant :117/L/334, NAVEEN NAGAR
(32) Priority Date	:NA	KANPUR Uttar Pradesh India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)BANERJI SANJAY
Filing Date	:NA	2)BANERJI SUPRIYA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A composition is provided for topical photochemotherapy for skin diseases, more specifically it comprises of a topical composition comprising of at least one photoactive agent along with detectable marker for treatment of various dermatological conditions including but not limited to Vitiligo, Psoriasis Alopecia Areata and other skin diseases those respond to photochemotherapy.

No. of Pages : 32 No. of Claims : 20

#### (12) PATENT APPLICATION PUBLICATION (21) Application No.360/DEL/2012 A (19) INDIA (22) Date of filing of Application :08/02/2012 (43) Publication Date : 10/04/2015 (54) Title of the invention : METHODS AND SYSTEMS FOR RECEIVING, MAPPING AND STRUCTURING DATA FROM DISPARATE SYSTEMS IN A HEALTHCARE ENVIRONMENT (51) International classification :H04N (71)Name of Applicant : (31) Priority Document No 1)GENERAL ELECTRIC COMPANY :13/171191 Address of Applicant 1 RIVER ROAD SCHENECTADY (22) Driamity Date 20/06/2011

(32) Priority Date	:28/06/2011	Address of Applicant : I RIVER ROAD, SCHENECIADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BOHNER, WENDY LYNNE
(87) International Publication No	:NA	2)XU, PENG
(61) Patent of Addition to Application Number	:NA	3)BUSIREDDY, JAYABHARATHA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

Methods and systems for receiving, mapping and structuring data from disparate systems in a healthcare environment are described. An example computer-implemented method of receiving data input associated with different versions of healthcare message structures includes receiving first data in a first format through a single service interface. One or more fields of the first data is not supported by at least one of the different versions of the healthcare message structures. The example method also includes receiving second data in a second format through the single service interface. One or more fields of the second data is not supported by at least one of the different versions of the healthcare message structures. The second data is not supported by at least one of the different versions of the healthcare message structures. The single service interface enables the receipt of the first data and the second data to minimize a number of interface end points.

No. of Pages : 67 No. of Claims : 22

(22) Date of filing of Application :04/10/2013

#### (54) Title of the invention : BIOMARKERS FOR PEDIATRIC ACUTE LYMPHOBLASTIC LEUKEMIA

(51) International classification:c12r(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAKa:NAState:NAState:NAState:NAState:NAState:NAState:NAState:NAState:NAState:NAState:NAState:NAState:NAState:NA	<ul> <li>(71)Name of Applicant :</li> <li>(71)Name of Applicant :</li> <li>(1)Department Of Biotechnology Address of Applicant :Block 2, 7th Floor, CGO Complex, Lodhi Road, New Delhi-110003, India Delhi India</li> <li>2)Centre For Cellular &amp; Molecular Biology</li> <li>3)Regional Cancer Centre</li> <li>(72)Name of Inventor :</li> <li>(72)Name of Inventor :</li> <li>1)KUMAR, Lekha, Dinesh</li> <li>2)NAIR, Rekha Appukuttan</li> <li>3)VERMA, Vinod Kumar</li> <li>4)KUMARI, Kusuma</li> <li>5)Liza Esther Alexander</li> </ul>
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(57) Abstract :

The present invention relates to biomarkers for pediatric Acute Lymphoblastic Leukemia (ALL). The invention also relates to biomarkers for diagnostic and prognostic detection of pediatric ALL.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :04/10/2013

#### (54) Title of the invention : A METHOD AND SYSTEM OF CALL MANAGEMENT

		(71)Name of Applicant :
		1)Samsung India Electronics Pvt. Ltd.
(51) International classification	:H04M	Address of Applicant : Logix Cyber Park Tower D, Ground to
(31) Priority Document No	:NA	10th floor, Tower C 8th to 10th Floor Plot No. C-28-29, Sector-
(32) Priority Date	:NA	62, Noida-201301 (U.P.), India Uttar Pradesh India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Akhila Mathur
Filing Date	:NA	2)Ayushi Gupta
(87) International Publication No	: NA	3)Mahelaqua
(61) Patent of Addition to Application Number	:NA	4)Kalika Arora
Filing Date	:NA	5)Sahil Rally
(62) Divisional to Application Number	:NA	6)Vivek Kumar
Filing Date	:NA	7)Sanket Magarkar
-		8)Priyanka Goel
		9)Munwar Khan

#### (57) Abstract :

The present invention discloses a method and system of call management over a communication channel. In accordance with an aspect of the invention, a database unit is provided in a calling and called device for managing a communication of a media that coordinates the recording, scheduling and transmitting the media from the calling device to a called device. The database unit includes a scheduler unit, a data storage area, a call processing unit and a media unit. The media unit records and plays a media to be sent by the calling device to the called device. The scheduler unit invokes the call processing unit to transmit the media on occurrence of a scheduled event. The call processing unit on receiving the schedule from the scheduler unit starts transmitting the media to the called device.

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

(19) INDIA

(22) Date of filing of Application :04/10/2013

#### (54) Title of the invention : COMMUNICATION RECORDS MANAGEMENT IN COMMUNICATION DEVICES

(51) International classification:G0(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA	Address of Applicant :Logix Cyber Park Plot No. C- 28 & 29         Tower D 2nd Floor Sector 62 Noida Uttar Pradesh 201301 Uttar         Pradesh India         (72)Name of Inventor :         1)MATHUR, Akhila         2)GUPTA, Ayushi         3)SHEKHAR, Shashank         4)MAGARKAR, Sanket         5)Mahelaqua         6)ARORA Kalika
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(57) Abstract :

A method for aggregating communication records comprises obtaining a communication report corresponding to each of one or more communication events. The communication events indicate occurrence of communication between a first user and a second user using a communication mode from among a plurality of communication modes. Each of the communication records are classified into one or more communication categories based on one or more classification parameters. The communication records are aggregated based on the classifying weightage assigned to one or more contextual parameters corresponding to each of the plurality of communication records. The contextual parameters indicate relevance of the corresponding communication record and the communication mode corresponding to the communication record.

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

#### (19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

(54) Title of the invention : PILLOW BLOCK FOR BED PLATE OF WIND TURBINE		
(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:13/021964	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:07/02/2011	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345 USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LUNEAU MICHAEL JAMES
(87) International Publication No	:NA	2)SIVANANTHAM MOHAN MUTHU KUMAR
(61) Patent of Addition to Application Number	:NA	3)CONRAD CHAD ROBERT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pillow block (30) for a bed plate (24) of a wind turbine (10) is disclosed. In one embodiment, the pillow block (30) includes a sleeve (40) defining a generally horizontal centerline (44) and an axial centerline (46). The sleeve (40) is configured to accommodate a shaft (20) generally extending along the axial centerline (46) therethrough. The pillow block (30) further includes a mount (50) extending from the sleeve (40). The mount (50) defines a generally horizontal axis (52) and at least one mounting surface (56). The at least one mounting surface (56) is configured for directly mounting the pillow block (30) to the bed plate (24).

No. of Pages : 18 No. of Claims : 17

(22) Date of filing of Application :08/02/2012

#### (43) Publication Date : 10/04/2015

## (54) Title of the invention : COMPOSITIONS AND METHODS FOR PRODUCTION OF TRANSGENIC PLANTS HAVING REDUCED GLUCOSINOLATE LEVELS

(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NATIONAL INSTITUTE OF PLANT GENOME</li> <li>RESEARCH <ul> <li>Address of Applicant :NATIONAL INSTITUTE OF PLANT</li> <li>GENOME RESEARCH, ARUNA ASAF ALI MARG, POST</li> <li>BOX NO. 10531, NEW DELHI 110067, INDIA Delhi India</li> <li>(72)Name of Inventor :</li> <li>1)BISHT, NAVEEN CHANDRA</li> <li>2)AUGUSTINE, REHNA</li> </ul> </li> </ul>
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract :

Provided are nucleic acid sequences from Brassica juncea plants that encode transcription regulator involved in the synthesis of a glucosinolate molecule, and methods of their use. The sequences find particular use in modifying the glucosinolate content of a plant. The present invention further provides a method for reducing glucosinolate content of a plant by inhibiting expression of BJMYB28 gene. The inhibition of expression of the BJMYB28 gene or reduction of mRNA levels of the BJMYB28 gene was accomplished by expression of the BJMYB28 gene or a fragment thereof in the antisense orientation or by expression of an RNA interference construct in transgenic plants.

No. of Pages : 56 No. of Claims : 17

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : IMAGE PROCESSING APPARATUS, ELECTRONIC CAMERA, AND IMAGE PROCESSING PROGRAM

(32) Priority Date:08/02/2011CHIYODA(33) Name of priority country:Japan(72)Name of(86) International Application No:NA1)UTSUCFiling Date:NA1)UTSUC(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NA	of Applicant : N CORPORATION s of Applicant :12-1, YURAKUCHO 1-CHOME A-KU, TOKYO 100-8331 JAPAN of Inventor : GI, AKIHIKO
(62) Divisional to Application Number :NA Filing Date :NA	

#### (57) Abstract :

An image processing apparatus includes an image importing unit importing an image, a storage unit storing pixel values of a plurality of pixels included in a predetermined range of the image, a first noise removal processing unit carrying out first noise removal processing for a pixel value of a target pixel which is a target of noise removal, with reference to the pixel values of the pixels stored in the storage unit, and a second noise removal processing unit carrying out second noise removal processing for a pixel value of the target pixel which is subjected to the first noise removal processing, successively immediately after the first noise removal processing by the first noise removal processing unit, with reference to the pixel values of the pixels stored in the storage unit.

No. of Pages : 32 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 10/04/2015

## (54) Title of the invention : METHOD FOR SHUTTING DOWN A WEB-FED PRINTING PRESS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:G06T :10 2011 010 348.1 :04/02/2011	(71) <b>Name of Applicant :</b> 1) <b>MANROLAND AG</b> Address of Applicant :MUHLHEIMER STRASSE 341, 63075 OFFENBACH AM MAIN, GERMANY
<ul><li>(32) Finally Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:Germany :NA	(72)Name of Inventor : 1)RAINER LIEBOLD
(87) International Publication No	:NA :NA	2)RAIMOND POSSELT 3)ULRICH SEYFFERT
<ul><li>(61) Patent of Addition to Application Number Filing Date</li></ul>	:NA :NA	4)RALF SCHADLICH 5)MARKUS SCHARF
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract :

Method for shutting down a web-fed printing press having a number of printing press units namely at least one reel splicer (10); at least one printing unit (13) being provided downstream of the respective reel splicer; one web guide and/or turning unit (18) being provided downstream of the printing unit or of each of the printing units (13); one folding unit (19) being provided downstream of the web guide and/or turning unit and at least one web monitoring system (32,33) for monitoring the substrate web, wherein in case of mains failure or power shortage: a) a control voltage for the electronic assemblies (23, 24, 25, 26, 27) of the printing press units (10,13,18,19) is buffered by at least one energy storage device (38); b) a supply voltage on the high voltage side for the electrical drives of the printing press units (10,13,18,19) is not buffered, so that the cylinders and rollers of the printing press units which are powered during print operations by electrical drives are allowed to come to a stop naturally in case of mains failure or power shortage; c) the printing units (13) are transferred to a print throw-off position in such a way, that the printing cylinders of the respective printing unit (13), which are engaged with their respective substrate web during print operations are disengaged from the respective substrate web.

No. of Pages : 17 No. of Claims : 9

(22) Date of filing of Application :09/02/2012

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : A NOVEL PROCESS FOR MANUFACTURING IR TRANSPARENT POLYCRYSTALLINE ALUMINA ARTICLES AND THE ARTICLES SO MANUFACTURED

		(71)Name of Applicant :
		1)INTERNATIONAL ADVANCED RESEARCH CENTRE
(51) International classification	:C07C	FOR POWDER METALLURGY AND NEW
(31) Priority Document No	:NA	MATERIALS(ARCI)
(32) Priority Date	:NA	Address of Applicant :PLOT NO. 102, SECTOR-44,
(33) Name of priority country	:NA	INSTITUTIONAL AREA, GURGAON-122003, HARYANA
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)MRS. PAPIYA BISWAS
(61) Patent of Addition to Application Number	:NA	2)MRS. KOTIKALAPUDI RAJESWARI
Filing Date	:NA	3)MR. VITTAL MAHENDER
(62) Divisional to Application Number	:NA	4)MR. PANDU RAMAVATH
Filing Date	:NA	5)MR. ANUMANDLA RAJASHEKHAR REDDY
		6)DR. ROY JOHNSON
		7)DR. UNNIKRISHAN NAIR SARASWATHY HAREESH

#### (57) Abstract :

IR transparent polycrystalline alumina articles having sintered grain sizes averaging in the sub-micrometer region and capable of transmitting >75% of infrared radiation of wavelengths between 3 and 5 micrometers can be produced by employing the thermal gelation property of methyl cellulose. In this process high purity alumina (99.96%) doped with 500ppm of MgO were made into a slurry with solid loading of 76-80wt% and further 0.1-0.5wt% of methyl cellulose was added followed by milling. The slurry was cast into a mould and subjected to thermal gelation temperature of 45-60°C to obtain the green alumina ceramics. The cast alumina ceramics thus produced through the environmentally benign process on sintering and hot isostatic pressing resulted in IR transparent polycrystalline alumina. Thus produced articles of thickness 1-1.4mm have exhibited close to theoretical IR transmission of 80-85% and a hardness of >20GPa.

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

(19) INDIA

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 10/04/2015

(51) International classification	:H01T	(71)Name of Applicant :
(31) Priority Document No	:0954726	1)Chantal CHAPEL
(32) Priority Date	:08/07/2009	Address of Applicant :25 rue de la cour des Noues F-75020
(33) Name of priority country	:France	Paris France
(86) International Application No	:PCT/FR2010/051325	2)Jean-Marc FLEURY
Filing Date	:25/06/2010	3)Gauthier LASOU
(87) International Publication No	: NA	4)Philippe ALONSO
(61) Patent of Addition to Application	:NA	(72)Name of Inventor :
Number	:NA :NA	1)Jean-Marc FLEURY
Filing Date	.INA	2)Gauthier LASOU
(62) Divisional to Application Number	:NA	3)Philippe ALONSO
Filing Date	:NA	
(57) 11		ł

### (54) Title of the invention : SYSTEM FOR CONVERTING ENERGY WITH AN ENHANCED ELECTRIC FIELD

(57) Abstract :

The invention relates to an energy conversion system including a first electrode (106) a second electrode (107) and an inter-electrode gap (11) therebetween that includes a functional medium wherein the first electrode (106) is made of at least one elongate electrically conductive means having a total length L a curved cross-section and a radius of curvature R and arranged into a sturdy assembly structure having a more or less open pattern capable of having the same electric potential at any location and thus of constituting said first electrode (106).

No. of Pages : 35 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :04/10/2013

## (54) Title of the invention : SUBSTITUTED BIS QUINOLIN COMPOUNDS AND PROCESS FOR PREPARATION THEREOF

(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NA	<ul> <li>(71)Name of Applicant :</li> <li>1)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL</li> <li>RESEARCH <ul> <li>Address of Applicant :ANUSANDHAN BHAWAN, RAFI</li> </ul> </li> <li>MARG, NEW DELHI - 110001, INDIA. Delhi India</li> <li>(72)Name of Inventor : <ul> <li>1)DINESH KUMAR DIKSHIT</li> <li>2)VINITA CHATURVEDI</li> <li>3)MANJU YASODHA KRISHNAN</li> <li>4)SHAHEB RAJ KHAN</li> <li>5)SUDHIR SINHA</li> <li>6)BHUPENDRA NARAIN SINGH</li> </ul> </li> </ul>
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(57) Abstract :

The present invention relates to the substituted bis quinoline as anti-tubercular agents. The present invention also relates to the quinoline based anti-tubercular compounds namely 2-alkoxy or alkenyloxy substituted bis-quinoline derivatives of general formula 11, Wherein R is; wherein R is selected from alkyl or alkenyl group; R1 and R2 is selected from lower alkyl groups; R is selected from aryl or substituted aryl groups; X is selected preferably from halogens, and Y is selected from an alkyllalkenyl group and n represents the number of methylene groups namely the inhibitors of adenosine triphosphate (ATP) synthase of M tuberculosis processing anti-tubercular activities.

No. of Pages : 39 No. of Claims : 12

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

(54) Title of the invention : A NUCLEOTIDE SEQUENCE ENCODING TWO GERANYL PYROPHOSPHATE SYNTHASES FROM MANGO

(51) International classification	:C12N	(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)VIDYA SHRIKANT GUPTA
(61) Patent of Addition to Application Number	:NA	2)RAM SHRIDHAR KULKARNI
Filing Date	:NA	3)SAGAR SUBHASH PANDIT
(62) Divisional to Application Number	:NA	4)ASHOK PRABHAKAR GIRI
Filing Date	:NA	5)KESHAV H PUJARI

(57) Abstract :

The present invention discloses primers for amplifying geranyl pyrophosphate synthases, having sequence selected from the group consisting of Seq. Id. Nos. 2 - 13, from mango. Also disclosed herein is a novel nucleotide sequence of Seq. Id nos. 14 and 15 encoding said amplified geranyl pyrophosphate synthases (GPPS) for enzyme production in an artificial system thus generating the desired flavor in food products.

No. of Pages : 30 No. of Claims : 5

#### (19) INDIA

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : CIRCUITS AND METHODS FOR DRIVING LIGHT SOURCES. (51) International classification :B23B (71)Name of Applicant : (31) Priority Document No 1)O2 MICRO, INC. :13/028,626 (32) Priority Date Address of Applicant :3118 PATRICK HENRY DRIVE :16/02/2011 (33) Name of priority country SANTA CLARA, CALIFORNIA 95054 UNITED STATES OF :U.S.A. (86) International Application No AMERICA U.S.A. :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No :NA 1)CHING-CHUAN KUO (61) Patent of Addition to Application Number :NA 2)YUNG LIN LIN Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract :

A driving circuit for driving a light source includes a converter and a dimming controller. The converter coupled to a power source is operable for receiving power from the power source and for providing regulated power to the light source according to control signals. The dimming controller coupled to the converter is operable for monitoring a power switch coupled between the power source and the converter, for receiving a color change signal indicating a first set of operations of the power switch and a dimming request signal indicating a second set of operations of the power switch, for controlling the control signals to change the color of the light source in response to the color change signal, and for controlling the control signals to adjust the brightness of the light source in response to the dimming request signal.

No. of Pages : 83 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : CLOTH-FEEDING APPARATUS OF SEWING MACHINE (51) International classification :B23B (71)Name of Applicant : (31) Priority Document No 1)KAULIN MFG. CO., LTD. :NA (32) Priority Date Address of Applicant :11F., NO. 128, SEC. 3, MIN-SHENG :NA (33) Name of priority country E. RD., SONG-SHAN DISTRICT, TAIPEI CITY, TAIWAN :NA (86) International Application No (R.O.C.) Taiwan :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No :NA **1)PEI-CHIA LIN** (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A cloth-feeding apparatus of a sewing machine includes a main transmission mechanism (10), an up-and-down transmission mechanism (20), a front-and-rear transmission mechanism (30), and a cloth-feeding mechanism (40). The main transmission mechanism (10) includes a rotating shaft (11) penetrating through a machine body (8). The up-and-down transmission mechanism (20) includes a swing arm (23) and a linkage rod set (24). The swing arm (23) has a positioning end (231) and a free end (232). The positioning end (231) is pivotally engaged with the machine body (8) and the linkage rod set (24) is connected to the free end (232). The front-and-rear transmission mechanism (30) includes a guiding element (33), a horizontal movement element (34), and a linkage rod set element (35). The guiding element (33) is fixed in the machine body (8) and provides a through hole (331) for connecting the horizontal movement element (34). The linkage rod set element (35) is connected to the free end (232) and is driven to provide up-and-down movements; a middle section of the pressing stick (41) is connected to the horizontal movement element (34) and is driven to provide front-and-rear movements, thus increasing a horizontal movement distance of the sewn object and efficiently delivering the sewn object.

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

(19) INDIA

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : LIQUIFIED AIR HEAVY-DUTY ELECTRICITY GENERATOR (51) International classification :H01L (71)Name of Applicant : (31) Priority Document No **1)KARAMVEER SINGH** :NA (32) Priority Date Address of Applicant :D2-364, SECTOR-D, LDA COLONY, :NA (33) Name of priority country KANPUR ROAD, LUCKNOW-226012, U.P. Uttar Pradesh India :NA (86) International Application No (72)Name of Inventor : :NA **1)KARAMVEER SINGH** Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention deals with the field of using compressed air to drive our Vehicles, also can be use for other automobiles and electricity generation plant, apart from the typical use of the compressed air for the movement of the piston similar to the combustion engine, this particular invention deals with the use of compressed air which passes through the Electricity Air Generator Assembly, that can produce High Voltage this High Voltage is use to drive the car/vehicle/in other fields having electricity requirement, also this technology features of charging the air cylinder on its own, hence does not require any kind of external energy input, leading to the ecofreindly way to drive the cars (vehicles) production of electricity, with Zero emission of Pollutants.

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

(19) INDIA

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 10/04/2015

(54) Title of the invention : TURBINE INLET AIR	R FILTER SYST	ΈM
(51) International classification	:F16S	(71)Name of Applicant :
(31) Priority Document No	:13/025,227	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:11/02/2011	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JARRIER, ETIENNE RENE
(87) 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 application provides a turbine inlet air filter system (100) for an incoming flow of air (130). The turbine inlet air filter system (100) may include a gas turbine engine (110), a chimney (210), a weather hood (175) positioned on the chimney (210), and a filter house (240). The incoming flow of air (130) flows through the weather hood (175), the chimney (210), the filter house (240), and into the gas turbine engine (110).

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

(22) Date of filing of Application :08/02/2012

(43) Publication Date : 10/04/2015

(54) Title of the invention : CONTROLLERS, SYSTEMS AND METHODS FOR CONTROLLING DIMMING OF LIGHT 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 Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:13/042,349 :07/03/2011	
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#### (57) Abstract :

A controller for controlling dimming of an LED light source includes a control terminal and dimming control circuitry coupled to the control terminal. The control terminal provides a driving signal to control a control switch coupled to the LED light source, thereby controlling the dimming of the LED light source. The dimming control circuitry generates the driving signal according to a set of operations of a power switch that transfers an AC signal. The dimming control circuitry further adjusts the driving signal by counting multiple waves of the AC signal to control the dimming of the LED light source.

No. of Pages : 87 No. of Claims : 20

(22) Date of filing of Application :09/07/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : EXCEPTION HANDLING IN A DATA PROCESSING APPARATUS HAVING A SECURE DOMAIN AND A LESS SECURE DOMAIN

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:G06F21/52 :13/368419 :08/02/2012 :U.S.A. :PCT/GB2013/050102 :17/01/2013 :WO 2013/117899 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ARM LIMITED <ul> <li>Address of Applicant :110 Fulbourn Road Cherry Hinton</li> <li>Cambridge CB1 9NJ U.K.</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)GROCUTT Thomas Christopher</li> <li>2)GRISENTHWAITE Richard Roy</li> </ul> </li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

A data processing apparatus and method are provided for handling exceptions the data processing apparatus having processing circuitry configured to perform data processing operations in response to program code the processing circuitry comprising exception control circuitry for controlling exception processing. A plurality of registers are provided to store data the registers including a first subset of registers and a second subset of registers and a data store is also provided to store data the data store comprising a plurality of regions including a secure region and a less secure region wherein the secure region is for storing data which is accessible by the processing circuitry when operating in a secure domain and not accessible by the processing circuitry when operating in a less secure domain. In response to an initial exception from background processing performed by the processing circuitry the exception control circuitry performs state saving of data from the first subset of registers before triggering the processing circuitry to perform an exception handling routine corresponding to the exception wherein the exception handling routine has responsibility for performing state saving of data from the second subset of registers. In response to a first exception causing a transition from the secure domain to the less secure domain where the background processing was performed by the processing circuitry in the secure domain the exception control circuitry performs additional state saving of the data from the second subset of registers before triggering the processing circuitry to perform the exception handling routine in the less secure domain. The hardware mechanism of the present invention enables effective handling of secure exceptions without requiring proxying through an exception handler.

No. of Pages : 48 No. of Claims : 19

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

# (54) Title of the invention : METHOD FOR REPAIRING OR RECONDITIONING A BADLY DAMAGED COMPONENT, IN PARTICULAR FROM THE HOT GAS REGION OF A GAS 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 Number Filing Date</li> </ul>	:B23B :00197/11 :03/02/2011 :Switzerland :NA :NA :NA :NA :NA	<ul> <li>5400 BADEN, SWITZERLAND</li> <li>(72)Name of Inventor : <ol> <li>HOEVEL SIMONE</li> <li>RICKENBACHER LUKAS EMANUEL</li> </ol> </li> <li>3)SPIERINGS ADRIAAN BERNARDUS</li> </ul>
Filing Date (62) Divisional to Application Number	:NA :NA	4)SCHMID RAPHAEL 5)BUOB STEFAN
Filing Date	:NA	SJOOD STEFAN

(57) Abstract :

The invention relates to a method for repairing or reconditioning a badly damaged component (10), in particular from the hot gas region of a gas turbine. Easy handling is achieved along with improved flexibility and productivity by the following steps: a) working the damaged component (10) by removing the damaged region (14) from the component (10) while creating a corresponding cutout (15) in the component (10); b) measuring the worked component (B) provided with the cutout (15); c) creating a CAD model (ECAD) of a replacement piece for inserting into the cutout (15) of the worked component (B); d) producing the replacement piece in accordance with the created CAD model (ECAD) and e) connecting the produced replacement piece and the worked component (B) by joining.

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

(22) Date of filing of Application :06/02/2012

# (54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF HIGH PURITY HEAVY BASIC MAGNESIUM CARBONATE FROM BITTERN CONTAINING MAGNESIUM

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001, INDIA Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)MAHESHKUMAR RAMNIKLAL GANDHI
(61) Patent of Addition to Application Number	:NA	2)JATIN RAMESHCHANDRA CHUNAWALA
Filing Date	:NA	3)SATISH HARIRAY MEHTA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention relates to an improved process for the preparation of high purity heavy basic magnesium carbonate from bittern containing magnesium. The concentration and rate of addition of Soda ash solution to bittern, the composition and clarity of bittern, temperature of reaction and condition of aging are optimized to get desired higher density of magnesium carbonate.

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

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 10/04/2015

(54) Title of the invention : BATTERY ACTIVE MATERIAL, NONAQUEOUS ELECTROLYTE BATTERY AND BATTERY PACK

<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>	:C07C :2011- 063289 :22/03/2011 :Japan :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO 105-8001, JAPAN</li> <li>(72)Name of Inventor :</li> <li>1)YASUHIRO HARADA</li> <li>2)NORIO TAKAMI</li> <li>3)HIROKI INAGAKI</li> <li>4)YORIKAZU YOSHIDA</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

According to one embodiment, a battery active material includes a complex oxide containing Nb and Ti and an element M. In the active material, the molar ratio (M/Ti) of the element M to Ti satisfies the following formula (I): 0 < M/Ti < 0.5 (I). In the complex oxide containing Nb and Ti, the molar ratio (Nb/Ti) of Nb to Ti satisfies the following formula (II): 0 < Nb/Ti < 0.5 (I). In the complex oxide containing Nb and Ti, the molar ratio (Nb/Ti) of Nb to Ti satisfies the following formula (II): 0 < Nb/Ti < 5 (II). The element M is at least one selected from the group consisting of B, Na, Mg, Al, Si, S, P, K, Ca, Mo, W, Cr, Mn, Co, Ni, and Fe.

No. of Pages : 64 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :09/02/2012

#### (43) Publication Date : 10/04/2015

(54) Title of the invention : PROTECTION RELA	Y	
<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:H01L :11158280.5 :15/03/2011	(71)Name of Applicant : 1)ABB TECHNOLOGY AG Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050
(33) Name of priority country	:EUROPEAN UNION	ZURICH, SWITZERLAND (72)Name of Inventor :
(86) International Application No	:NA	1)VANHALA, KARI
Filing Date	:NA	2)KOIVULA, PETRI
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A protection relay for protecting an electric system, comprising means for receiving (306) a time multiplier value, means for calculating (306), with the received time multiplier value, an inverse definite time dependency having an exponentiation function, wherein the dependency defines a relationship between an excitation level of an input signal to the relay and an operate time of the relay. The relay further comprises means for shifting (308, 310) the dependency to a predefined calculation space, and means for applying (312, 318, 320, 322), during execution, the dependency shifted to the predefined calculation space when determining an operate condition of the relay.

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

(22) Date of filing of Application :09/07/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : PROCESS FOR PREPARING CHOLINE HYDROXIDE FROM TRIMETHYLAMINE AND ETHYLENE OXIDE

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> </ul>	:A01N33/12 :61/588234 :19/01/2012 :U.S.A. :PCT/US2013/021864 :17/01/2013 :WO 2013/109705 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DOW AGROSCIENCES LLC Address of Applicant :9330 Zionsville Road Indianapolis IN</li> <li>46268 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)LI Ruokang</li> <li>2)DIXIT Ravindra S.</li> <li>3)PATEL Avani M.</li> <li>4)CHEN Xiaoyun</li> <li>5)PELL Randy J.</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	6)PENDERGAST John G.

#### (57) Abstract :

Processes for preparing N N N trimethylethanolammonium hydroxide (choline hydroxide) and the choline hydroxide produced are described. These processes minimize the production of byproduct mono ethoxylated and di ethyoxylated choline in the product choline hydroxide. The processes generally include feeding ethylene oxide trimethylamine and water into a first reactor to create a first reactor product under temperature controlled conditions. The product of the first reactor is fed into a second reactor to form a second reactor product under uncontrolled adiabatic conditions. Finally any unreacted trimethylamine in the second reactor product is removed to form a final product comprising choline hydroxide. Additional reactors can be used for the ethylene oxide and trimethylamine reaction.

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

(19) INDIA

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

(43) Publication Date : 10/04/2015

(54) Title of the invention : POWER CONVERTER AND METHOD OF OPERATION		
(51) International classification:H0(31) Priority Document No:13/	<ul> <li>1B (71)Name of Applicant :</li> <li>024,940</li> <li>02/2011</li> <li>Address of Applicant :1 RIVER ROAD, SCHENECTADY,</li> <li>S.A.</li> <li>NEW YORK 12345, U.S.A. U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)HARBOURT, CYRUS DAVID</li> <li>2)SHEPARD, MARK EUGENE</li> </ul>	

(57) Abstract :

A power converter (100) includes a first phase leg (102) including a first di/dt reactor (120) and a first control section, the first di/dt reactor and the first control section being coupled between an active line and a neutral line. The power converter also includes a first current crowbar (124) coupled between the active line and the neutral and a controller coupled to the first di/dt reactor, the control section and the first current crowbar and configured to activate the current crowbar based on a voltage across the first di/dt reactor.

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

(19) INDIA

(22) Date of filing of Application :08/10/2013

#### (43) Publication Date : 10/04/2015

### (54) Title of the invention : PROVIDING ENHANCED JOB SEARCH CAPABILITY TO USERS

(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)NIIT Technologies Ltd
(32) Priority Date	:NA	Address of Applicant :B-234, Okhla Ph-I, New Delhi Delhi
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Puneet Sachdev
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A repository of job postings organized with multiple dimensions is maintained, with each job posting being associated with values for one or more dimensions. A corresponding group of values for each of a set of dimensions are identified such that each value has at least one available job posting in the repository. A user interface definition is then sent to an end user system, the user interface definition when rendered on a display unit of the end user system provides an input user interface to a job seeker, the input user interface containing a set of viewports, each viewport corresponding to a dimension of the set of dimensions and showing the group of values for the dimension. The display of the job universe reflecting the currently available jobs in the repository facilitates the job seeker to find suitable jobs more effectively when interacting with job websites.

No. of Pages : 40 No. of Claims : 20

## (19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

(54) Title of the invention : ACETABULAR CUP WITH ROTATABLE BEARING		
(51) International classification	:B64D	(71)Name of Applicant :
(31) Priority Document No	:13/028,621	1)RODNEY IAN WALTER RICHARDSON
(32) Priority Date	:16/02/2011	Address of Applicant :133 MONT ALBERT ROAD
(33) Name of priority country	:U.S.A.	CANTERBURY 3126, MELBOURNE AUSTRALIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RODNEY IAN WALTER RICHARDSON
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A prosthetic hip implant system includes a prosthetic femoral component having a stem portion, a neck portion coupled to the stem portion and a part-spherical head coupled to the neck portion. An acetabular component is provided which has a housing, the housing having a part-spherical inner surface having an open end with a circumferential rim portion. The rim portion has a circumferential radially inwardly extending flange. A bearing element is mounted within the housing and has a part-spherical first outer surface region engaging the part-spherical inner surface of the housing. The part-spherical first outer surface region extends at a first radius from a center. The bearing element has a second part-spherical outer surface region extending a distance from the center less than the first radius to form a stop surface for contacting the rim.

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

(19) INDIA

(22) Date of filing of Application :09/07/2014

(43) Publication Date : 10/04/2015

(-)		
(51) International classification	:B60N2/235,A47C1/025	(71)Name of Applicant :
(31) Priority Document No	:2012014393	1)AISIN SEIKI KABUSHIKI KAISHA
(32) Priority Date	:26/01/2012	Address of Applicant :1 Asahi machi 2 chome Kariya shi
(33) Name of priority country	:Japan	Aichi 4488650 Japan
(86) International Application No	:PCT/JP2013/051140	(72)Name of Inventor :
Filing Date	:22/01/2013	1)NAGURA Mikihito
(87) International Publication No	:WO 2013/111723	2)HOSHIHARA Naoaki
(61) Patent of Addition to Application	:NA	3)ISOBE Shinya
Number	.NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (54) Title of the invention : VEHICLE SEAT RECLINING DEVICE

(57) Abstract :

A vehicle seat reclining device is provided with: a first bracket having internal teeth; a plurality of pawls each having external teeth capable of engaging with and disengaging from the internal teeth; a second bracket having a guide part that movably holds the plurality of pawls in a radial direction; and a cam mechanism which moves each of the pawls in the radial direction. Among the external teeth in each of the pawls at least one external tooth including an end tooth located at one end in the circumferential direction of the pawl is displaced inward in the radial direction with respect to a reference position corresponding to the pitch circle of the internal teeth along a center line that divides the external tooth into two parts in the circumferential direction without changing the shape of an effective engagement portion for the internal tooth and the pitch circle radius of the external tooth.

No. of Pages : 34 No. of Claims : 5

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

(43) Publication Date : 10/04/2015

(54) Title of the invention : ULTRATHIN METALLIZED EDIBLE FILM AND HYGIENIC PROCESS FOR 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>	:A23L :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DHARAMPAL SATYAPAL LTD.</li> <li>Address of Applicant :DHARAMPAL SATYAPAL LTD.</li> <li>1711, S.P. MUKHERJEE MARG, DELHI-110006, INDIA Delhi</li> <li>India</li> <li>(72)Name of Inventor :</li> </ul>
<ul> <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>	: NA :NA :NA :NA :NA	1)RAJIV KUMAR 2)ROHAN KUMAR

(57) Abstract :

Disclosed herein is an ultra thin metalized edible film; wherein thickness of the metal coating lies in the range of about 0.01 micron to about 0.08 micron and that of edible film ranges from about 0.4 micron to about 6 microns. The invention also relates to a process for making the same comprising deposition of precious ultra thin metal film on an edible film that will not only support metalized film but will also prevent cracking of the ultra thin metal film and could be used for packing of the edibles thereby prolonging shelf life by protecting the food products from bacterial and germs attack and also enhancing aesthetics of the food products.

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

#### (19) INDIA

(22) Date of filing of Application :07/02/2012

#### (54) Title of the invention : ZOOM LENS, OPTICAL APPARATUS AND METHOD FOR MANUFACTURING ZOOM LENS (51) International classification :G01V (71)Name of Applicant : **1)NIKON CORPORATION** :2011-(31) Priority Document No Address of Applicant :12-1. YURAKUCHO 1-CHOME 025335 CHIYODA-KU TOKYO 100-8331 JAPAN (32) Priority Date :08/02/2011 (33) Name of priority country (72)Name of Inventor : :Japan (86) International Application No :NA 1)SUZUKI, ATSUSHI 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 :

With comprising, in order from an object side: a first lens group Gl having negative refractive power; a second lens group G2; and a third lens group G3, the first lens group Gl includes, in order from the object side, a front group having negative refractive power, and a reflection optical element P that folds an optical path, a position of the first lens group Gl being fixed along the optical axis upon zooming from a wide-angle end state W to a telephoto end state T, and satisfying a given conditional expression, thereby providing a downsized zoom lens having a reflection optical element and a wide angle of view with thinning its profile by means of shortening a distance along an optical axis between the most object side lens surface and an object side optical surface of the reflection optical element.

No. of Pages : 76 No. of Claims : 15

(22) Date of filing of Application :09/07/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : GLOBAL SYNCHRONIZATION METHOD AND SYSTEM BASED ON PACKET SWITCHING 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>	:H04J3/06 :NA :NA :NA :PCT/CN2011/084738 :27/12/2011 :WO 2013/097092 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ZTE CORPORATION <ul> <li>Address of Applicant :ZTE Plaza Keji Road South Hi Tech</li> <li>Industrial Park Nanshan Shenzhen Guangdong 518057 China</li> <li>(72)Name of Inventor :</li> <li>1)HUANG Wei</li> </ul> </li> </ul>
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#### (57) Abstract :

Disclosed is a global synchronization method based on a packet switching system comprising: selecting a reference chip; and each chip calibrating a counter thereof by taking the reference chip as a reference wherein each chip sends a pulse of time = 0 or pulse cell of time = 0 to all high speed links (serdes) and feeds back a calibrated cell according to the pulse of time = 0 or pulse cell of time = 0 that each link has received. Also disclosed is a global synchronization system based on a packet switching system accordingly. Through the present invention packet loss rate can be decreased and the calibration accuracy can be improved.

No. of Pages : 40 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :09/07/2014

(54) Title of the invention : VEHICLE SEAT

#### (43) Publication Date : 10/04/2015

(51) International classification	:B60N2/48,B60N2/44	(71)Name of Applicant :
(31) Priority Document No	:1121706.4	1)LAMBERT Trevor Edouard
(32) Priority Date	:16/12/2011	Address of Applicant :38b Archer House Vicarage Crescent
(33) Name of priority country	:U.K.	London Greater London SW11 3LF U.K.
(86) International Application No	:PCT/GB2012/053141	(72)Name of Inventor :
Filing Date	:14/12/2012	1)LAMBERT Trevor Edouard
(87) International Publication No	:WO 2013/088165	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	- · ·	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A vehicle seat such as an aircraft seat (1) comprises a seat pan (2) and a backrest (3). The backrest (3) includes a movable element (16) which is detachable from the backrest and attachable to the seat pan (2) to extend the seat pan surface. The movable element (16) may for example comprise the cushion and supporting structure of the headrest part of the backrest or may comprise just the cushion. Thus in a row of such seats an extended bed like surface may be provided without adding substantially to the weight or bulk of the seat

No. of Pages : 63 No. of Claims : 43

(22) Date of filing of Application :09/07/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : ROTATING ELECTRIC MACHINE AND VEHICLE EQUIPPED WITH ROTATING ELECTRIC 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</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication No</li> </ul>	:H02K1/22,H02K1/16,H02K3/04 :2012008565 :19/01/2012 :Japan :PCT/JP2013/050183 :09/01/2013 o:WO 2013/108680	<ul> <li>1)HITACHI AUTOMOTIVE SYSTEMS LTD. Address of Applicant :2520 Takaba Hitachinaka shi Ibaraki</li> <li>3128503 Japan</li> <li>(72)Name of Inventor :</li> <li>1)SAITO Yasuyuki</li> <li>2)HAMANO Hiroshi</li> <li>3)KOBAYASHI Ryoji</li> </ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> </ul>	:NA :NA :NA	4)IKEDA Taisuke 5)KANO Yuji
Filing Date	:NA	

(57) Abstract :

In this rotating electric machine slot conductors are connected together such that each cross over conductor of a stator extends across the slots at a slot pitch of Np = N + 1 at one coil end while extending across the slots at a slot pitch of Np = N - 1 at the other coil end where the number of slots per pole is N. Each stator winding has a set of multiple slot conductor groups each comprising slot conductors of the same phase. The multiple slot conductors in each slot conductor group are inserted in a predetermined number (Ns) of slots which are continuously arranged in the circumferential direction of a stator core such that the slots and layers of the slot conductors are arranged adjacent to each other. The predetermined number (Ns) is set to Ns = NSPP + NL where the number of slots per pole per phase is NSPP and the number of the layers is 2 — NL. A rotor has variable magnetoresistance sections inside magnetic auxiliary salient pole sections at positions displaced in the circumferential direction from respective q axes that pass through the pole centers of the respective magnetic auxiliary salient pole. The amounts of the displacement of the variable magnetoresistance sections from the q axes vary according to the positions of the magnetic auxiliary salient poles so as to cancel out torque ripples with each other when electric power is applied.

No. of Pages : 70 No. of Claims : 11

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 10/04/2015

## (54) Title of the invention : IMAGE PROCESSING APPARATUS, IMAGING APPARATUS, IMAGE PROCESSING PROGRAM, AND IMAGE PROCESSING 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 Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:G11C :2011- 026432 :09/02/2011 :Japan :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NIKON CORPORATION <ul> <li>Address of Applicant :12-1, YURAKUCHO 1-CHOME</li> <li>CHIYODA-KU TOKYO 100-8331 JAPAN</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)UTSUGI, AKIHIKO</li> </ul> </li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

In order to effectively and efficiently perform noise reduction by smoothing, an image processing apparatus of the present invention includes an image inputting part inputting an image in which a first pixel group and a second pixel group indicating mutually different color components are included and at least pixels of the second pixel group are arranged at discrete positions, a color estimating part (301) estimating first color component data at the discrete pixel positions of the second pixel group based on first color component data belong to pixels of the first pixel group, a calculating part (302) calculating color-difference data at the discrete pixel positions of the second pixel group based on the first color component data being estimated at the discrete pixel positions of the second pixel group based on the first color component data being estimated at the discrete pixel positions of the second pixel group and second color component data belong to the pixels of the second pixel group, a smoothing part (303) performing smoothing processing on a discrete color-difference image formed of the color-difference data being calculated at the discrete pixel positions of the second pixel group, and a color-difference estimating part (304) estimating color-difference data at pixel positions of pixel group other than the second pixel group on the image input by the image inputting part based on the discrete color-difference image after being smoothed.

No. of Pages : 40 No. of Claims : 6

(21) Application No.5726/DELNP/2014 A

(19) INDIA(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

### (54) Title of the invention : RIJKE TYPE COMBUSTION ARRANGEMENT AND METHOD

<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 Filing Date</li> </ul>	:PCT/AU2012/001571 :21/12/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)DELAFIELD PTY LTD Address of Applicant :1 German Church Road Carbrook QLD </li> <li>4130 Australia</li> <li>(72)Name of Inventor : 1)FOX Matthew </li> </ul>
Number	:NA :NA	

#### (57) Abstract :

A process of producing heat energy for use in heat exchange with other fluids and substances so as to impart said heat energy to said fluid or substances which includes the steps of: (i) igniting a mixture of fuel and oxidant in a combustion zone or zones (16 18 98 122) to create a combusted fuel mix which in the form of Shockwaves are carried away from Ihe combustion zone or zones (16 18 98 122) to provide a low pressure area within the combustion zone or zones (16 18 98 122); and (ii) said low pressure area causing partial return of the combusted fuel/oxidant mixture from a location remote of the combustion zones (16 18 98 122) and also causing a new change of oxidant/fuel mixture to be transferred from the combustion zone or zones (16 18 98 122) whereby incoming and returning hot gases are caused to ignite automatically without the aid of the ignition device used in step (i) thereby causing a series of pulses or oscillations of successive return of hot gases and further.changes of fuel/oxidant mixture to provide a process of production of energy which is self sustaining and continuous. A combustion arrangement for use in the process described above having at least one combustion chamber or space (16 18 98 122) having an associated ignition device (53A) wherein the combustion chamber or space (16 18 97 123) located In or adjacent to the or each inlet or entrance (66 131 132) and one or more conveying zones (22 100 101 120) located adjacent the porous membrane (28 97 123) for conveying hot gases away from the combustion chamber or space (16 18 98 122).

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

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

# (54) Title of the invention : SYNTHETIC RESIN CAP SYNTHETIC RESIN CAP LINER CLOSURE DEVICE AND BEVERAGE CONTAINING CLOSURE 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:2011285164	<ul> <li>(71)Name of Applicant :</li> <li>1)CLOSURE SYSTEMS INTERNATIONAL JAPAN</li> <li>LIMITED <ul> <li>Address of Applicant :2 8 Toranomon 1 chome Minato ku</li> <li>Tokyo 1050001 Japan</li> <li>(72)Name of Inventor :</li> <li>1)HARADA Mitsuharu</li> <li>2)HISANO Masataka</li> <li>3)OGINO Akiko</li> </ul> </li> </ul>
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#### (57) Abstract :

A synthetic resin cap provided with a main cap body having a cylindrical part extending down from a top plate and the rim thereof and a liner provided on the lower surface of the top plate. The liner has a flat part an inner sealing protrusion that abuts the open end from the internal circumferential side thereof and an outer sealing protrusion that abuts the open end from the outer circumferential side. The outer circumference of the liner is formed so as to be separate from the cylindrical part on the inside thereof and secure a space between the liner and the cylindrical part. The outer diameter of the outer sealing protrusion is smaller than the outer diameter of the open end.

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

#### (19) INDIA

(22) Date of filing of Application :08/02/2012

(43) Publication Date : 10/04/2015

	011110121111	
(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:11/51134	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:11/02/2011	Address of Applicant : BROWN BOVERI STRASSE 7, CH-
(33) Name of priority country	:France	5400 BADEN, SWITZERLAND
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JULIEN ROGE
(87) International Publication No	:NA	2)XAVIER LAURENT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (54) Title of the invention : EXHAUST DEVICE FOR A STEAM TURBINE MODULE

(57) Abstract :

A steam exhaust device for steam turbine module, the device having a steam exhaust duct (4a, 4b) provided with a steam diffuser (5a, 5b), the steam exhaust duct (4a, 4b) being delimited by a surface (8a, 8b) of the steam diffuser allowing the guidance of the steam and by a steam exhaust bottom wall (7a, 7b). The steam exhaust device comprises a circular or semicircular rigid hub (13a, 13b) on which the steam diffuser is fixed, on which hub a rigid fastening device (6a, 6b) for supporting the steam exhaust device on a rigid frame (20a, 20b) is fixed. The invention also relates to an internal structure for a steam turbine module and to a steam turbine module

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

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : ROTARY DRIVE SYSTEM HAVING A CAM FOLLOWER WITH DETACHABLE WHEEL SUPPORT

(57) Abstract :

The invention relates to arotary drive system (50) comprising a cylinder wall (51) a piston (4 4) axially slidable along a longitudinal axis (L) within the cylinder wall (51) and a piston rod (20 20) extending along the longitudinal axis and projecting at a drive side (D) of the system axially beyond the cylinder wall. The piston rod (20 20) is at the drive side attached to a carrier support member (5a). Arotatable annular cam member (9) extends an axial cam position that is spaced at a distance from the drive side (D) coaxially around the cylinder wall (51). Acarrier (5b) carries at a support side a pair of rollers (7 7) engaging on opposed cam surfaces of the cam member (5a) and being with a connecting end detachably connected to the carrier support member. The carrier (5b) comprise an arm that is provided with a flexible section (41). The detachable carriers result in adrive system that can be easily assembled and taken apart for maintenance repair or exchange of the rollers upon wear.

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

(19) INDIA

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

<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>	:B60Q1/56,G09F13/08 :2011150682 :13/12/2011 :Russia	<ul> <li>(71)Name of Applicant :</li> <li>1)ZHAROV Aleksandr Alekseevich Address of Applicant :Volzhskij bulvar kvartal 113 A korpus 2</li> <li>kv. 15 Moscow 109462 Russia</li> </ul>
<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:PCT/RU2012/000723 :04/09/2012 :WO 2013/089583	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

## (54) Title of the invention : CAR NAMEPLATE WITH A BACKLIGHT

(57) Abstract :

THE INVENTION RELATES TO DECORATIVE ELEMENTS FOR A CAR. THE AIM OF THE PROPOSED INVENTION IS TO INCREASE THE EFFECTIVENESS OF ILLUMINATION. THE INVENTION IS REALIZED AS FOLLOWS. A BASIC ELEMENT WITH AN EXTERNAL SURFACE AND WITH A FIRST INTERNAL SURFACE A TRANSLUCENT ELEMENT WITH A SECOND INTERNAL SURFACE AND WITH A CONNECTING SURFACE AND LIGHT SOURCES FOR EXAMPLE IN THE FORM OF AN ELECTRO LUMINESCENT CONDUCTOR ARE MANUFACTURED AS IS AN ATTACHMENT MEANS IF REQUIRED. THE LIGHT SOURCES ARE ARRANGED BETWEEN THE BASIC ELEMENT AND THE CONNECTING SURFACE FOR EXAMPLE IN A SPECIFIC CASE IN A GROOVE FORMED IN THE TRANSLUCENT ELEMENT IS CONNECTED BY THE SECOND INTERNAL SURFACE TO THE FIRST INTERNAL SURFACE WITH THE AID OF AN ATTACHMENT MEANS FOR EXAMPLE AN ADHESIVE SUBSTANCE OR BY ANY OTHER METHOD SUITABLE FOR THIS FIELD.

No. of Pages : 9 No. of Claims : 1

(19) INDIA

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

<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>	:2011150805 :13/12/2011 :Russia :PCT/RU2012/000722	<ul> <li>(71)Name of Applicant :</li> <li>1)ZHAROV Aleksandr Alekseevich Address of Applicant :Volzhskij bulvar kvartal 113 A korpus 2 kv. 15 Moscow 109462 Russia</li> <li>(72)Name of Inventor :</li> </ul>
Filing Date	:04/09/2012	1)ZHAROV Aleksandr Alekseevich
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application</li></ul>	:WO 2013/089582	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (54) Title of the invention : CAR NAMEPLATE WITH A BACKLIGHT

(57) Abstract :

THE INVENTION RELATES TO DECORATIVE ELEMENTS FOR A CAR. THE AIM OF THE PROPOSED INVENTION IS TO INCREASE THE EFFECTIVENESS OF ILLUMINATION. THE INVENTION IS REALIZED AS FOLLOWS. A BASIC ELEMENT WITH AN EXTERNAL SURFACE AND WITH A FIRST INTERNAL SURFACE A TRANSLUCENT ELEMENT WITH A SECOND INTERNAL SURFACE AND WITH A CONNECTING SURFACE AND LIGHT SOURCES ARE MANUFACTURED AS IS AN ATTACHMENT MEANS IF REQUIRED. A GROOVE IS FORMED IN THE TRANSLUCENT ELEMENT ON THE SIDE OF THE SECOND INTERNAL SURFACE. THE LIGHT SOURCES ARE ARRANGED IN THE GROOVE FORMED IN THE TRANSLUCENT ELEMENT. THE TRANSLUCENT ELEMENT IS CONNECTED BY THE SECOND INTERNAL SURFACE TO THE FIRST INTERNAL SURFACE FOR EXAMPLE WITH THE AID OF AN ADHESIVE SUBSTANCE OR BY ANY OTHER METHOD SUITABLE FOR THIS FIELD.

No. of Pages : 9 No. of Claims : 1

(19) INDIA

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

<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>	INARoad, Surrey Re:NAU.K.:NA2)SYNGENT.:NA1)MORRIS Jacobia:NA1)MORRIS Jacobia:NA3)SONAWAN:NA4)DESSON T:NA5)RUSSELL S6)LING Kenr	A LIMITED Applicant :European Regional Centre, Priestley esearch Park, Guildford, GU2 7YH, Great Britain A PARTICIPATIONS AG wentor : Vames Alan R Jutta Elisabeth NE Ravindra Vimothy Robert Sally Elizabeth
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#### (54) Title of the invention : HERBICIDAL COMPOUNDS

(57) Abstract :

The invention relates to pyrrolone compounds of the formula (I) wherein X, R, R, R3, Ra, Rb. RC and R are as defined in the specification. Further more, the present invention relates to processes and intermediates for making compounds of formula (I), to herbicidal compositionns comprising these compounds and to methods of using these compounds to control plant growth.

No. of Pages : 76 No. of Claims : 28

#### (19) INDIA

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

(43) Publication Date : 10/04/2015

### (54) Title of the invention : SYSTEMS AND METHODS FOR COMMAND EXECUTION AUTHORIZATION

(31) Priority Document No:1(32) Priority Date:1(33) Name of priority country:1(86) International Application No:1	NA NA NA NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ALCATEL LUCENT Address of Applicant :3, avenue Octave Grard Paris F-75007 France</li> <li>(72)Name of Inventor :</li> </ul>
8	NA NA	1)DWIVEDI, Abhishek
(61) Patent of Addition to Application Number :	NA	
	NA NA	

#### (57) Abstract :

Method(s) and system(s) for authorization of execution of a command on an authorization system (102) are described. The method includes transmitting an access request received from a user to a LDAP server (108). The access request includes login credentials of the user. Based on the login credentials, a user profile is retrieved from the LDAP server (108), once the user is authenticated. The user profile includes a set of commands associated with the user. The method includes storing the user profile in a cache memory of the authorization system (102). The method includes receiving the command from the user and comparing the command with the set of commands stored in the cache memory. Based on the comparison, it is determined whether the command is authorized for execution on the authorization system (102). Further, based on the determination, the user is authorized to execute the command on the authorization system (102).

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

### (22) Date of filing of Application :03/02/2012

#### (43) Publication Date : 10/04/2015

## (54) Title of the invention : NOVEL INORGANIC METALLIC NANO-PARTICULATE GENE CARRIER FOR EFFECTIVE BIOTRANSFORMATION AND COMPOSITION THEREOF

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JAMIA HAMDARD
(32) Priority Date	:NA	Address of Applicant :HAMDARD NAGAR NEW DELHI -
(33) Name of priority country	:NA	110062 Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ABDIN, MALIK ZAINUL
(87) International Publication No	:NA	2)SAMIM, MOHAMMAD
(61) Patent of Addition to Application Number	:NA	3)HEJAZI, MOHAMMAD AMIN
Filing Date	:NA	4)RAFSANJANI, MEHRNAZ SADAT OHADI
(62) Divisional to Application Number	:NA	5)ALVARI, AMENE
Filing Date	:NA	

(57) Abstract :

The present invention relates to the HMG CoA reductase gene encapsulated inorganic metallic nanoparticle and its application in plant biotransformation. More particularly, invention relates to calcium phosphate nanoparticle preparation actively conjugated/encapsulated with HMG Co-A reductase genes and its application in plant biotransformation process. The invention further relates to process of entrapping genetic material in nanoparticles of calcium phosphate of size below 100nm diameter to form non-viral carrier which can be usedfor the delivery of genes in plant of Cichoriumintybus L. The invention provides for the use of micellar solubilisation technique as a method of synthesis of HMG CoA reductase gene encapsulated calcium phosphate nanoparticle. The proposed method of biotransformation process in plant Cichoriumintybus L. mediated by calcium phosphate nanoparticle encapsulated with HMG CoA reductase gene results in biotransformation and survival rate upto 30% ( in less than 10min) and 50% respectively with enhanced biosynthesis of secondry metabolite.

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

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : METHODS OF PRODUCING METHYL 4 AMINO 3 CHLORO 6 (4 CHLORO 2 FLUORO 3 METHOXYPHENYL)PYRIDINE 2 CARBOXYLATE

<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>	:30/12/2011 :U.S.A. :PCT/US2012/072071 :28/12/2012 :WO 2013/102078	<ul> <li>(71)Name of Applicant :</li> <li>1)DOW AGROSCIENCES LLC Address of Applicant :9330 Zionsville Rd. Indianapolis Indiana 46268 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)OPPENHEIMER Jossian</li> <li>2)EMONDS Mark V.M.</li> <li>3)DERSTINE Christopher W.</li> <li>4)CLOUSE Robert C.</li> </ul>
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#### (57) Abstract :

Methods of producing methyl 4 amino 3 chloro 6 (4 chloro 2 fluoro 3 methoxyphenyl)pyridine 2 carboxylate. One method comprises adding methyl isobutyl ketone to an aqueous solution comprising 4 chloro 2 fluoro 3 methoxyphenyl boronic acid to form an organic phase comprising the 4 chloro 2 fluoro 3 methoxyphenylboronic acid and an aqueous phase. The organic phase and the aqueous phase are separated. The 4 chloro 2 fluoro 3 methoxyphenylboronic acid is reacted with methyl 4 (acetylamino) 3 6 dichloropyridine 2 carboxylate in methyl isobutyl ketone to produce methyl 4 (acetylamino) 3 chloro 6 (4 chloro 2 fluoro 3 methoxyphenyl)pyridine 2 carboxylate which is deacetylated to produce methyl 4 amino 3 chloro 6 (4 chloro 2 fluoro 3 methoxyphenyl)pyridine 2 carboxylate.

No. of Pages : 29 No. of Claims : 23

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : REDUCED SUGAR SYRUPS AND METHODS OF MAKING REDUCED SUGAR SYRUPS

<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> </ul>	:C12P19/14,A23L2/60,A23L1/236 :61/592725 :31/01/2012 :U.S.A. :PCT/US2013/023530 :29/01/2013 :WO 2013/116175	<ul> <li>(71)Name of Applicant :</li> <li>1)TATE &amp; LYLE INGREDIENTS AMERICAS LLC Address of Applicant :5450 Prairie Stone Parkway Hoffman Estates IL 60192 U.S.A.</li> <li>2)VERENIUM CORPORATION</li> <li>(72)Name of Inventor :</li> <li>1)MEDHEKAR Rohit</li> <li>2)HOFFMAN Andrew Joseph</li> </ul>
	:WO 2013/116175 :NA :NA :NA	2)HOFFMAN Andrew Joseph

(57) Abstract :

A reduced sugar syrup having an advantageously low viscosity is prepared by hydrolysis of starch or starchy material using a particular type of alpha amylase enzyme which yields a saccharide distribution having a low DP1 2 and low DP11 + content. The DP4 content of the syrup may be favorably increased by using a maltotetragenic alpha amylase enzyme in combination with the aforementioned alpha amylase enzyme. The syrup is useful in the production of food beverage animal feed animal health and nutrition pharmaceutical and cosmetic compositions and may be combined with a high intensity sweetener to provide a composition capable of being substituted for conventional corn syrups.

No. of Pages : 29 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

(51) International classification	:H04L12/70	(71)Name of Applicant :
(31) Priority Document No	:2012016225	1)NEC CORPORATION
(32) Priority Date	:30/01/2012	Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088001 Japan
(86) International Application No	:PCT/JP2013/051889	(72)Name of Inventor :
Filing Date	:29/01/2013	1)GAO Fei
(87) International Publication No	:WO 2013/115177	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1174	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : NETWORK SYSTEM AND TOPOLOGY MANAGEMENT METHOD

(57) Abstract :

The purpose is to reduce the load on the switches on a secure channel network while a controller is maintaining or updating the physical topology of the switches under conditions of high delay on the network between the switches in an open network or the like. Specifically the controller which establishes flow entries defining actions and rules for uniformly controlling flows of packets for each of a plurality of switches establishes for each of the plurality of switches a cyclic flow entry which is deleted in the event that cyclic packets sent and received among the plurality of switches have ceased to arrive. Then in the event that a notification is received from the switches to the effect that the cyclic flow entries have been deleted a malfunction among the plurality of switches is detected.

No. of Pages : 58 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

### (54) Title of the invention : METHOD AND DEVICE FOR LUBRICATING THE CYLINDERS OF A ROLL STAND

(51) International classification	:B21B27/10,B21B45/02	(71)Name of Applicant :
(31) Priority Document No	:12155480.2	1)SIEMENS VAI METALS TECHNOLOGIES GMBH
(32) Priority Date	:15/02/2012	Address of Applicant : Turmstrae 44 A 4031 Linz Austria
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2013/052359	1)BRAIDT Thomas
Filing Date	:07/02/2013	2)KARL Reinhard
(87) International Publication No	:WO 2013/120749	3)LEHNER Christian
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for lubricating the cylinders of a roll stand in particular for roll nip lubrication in a roll stand for a roll band. A mixture made out of water and oil is produced by means of a mixing and spraying device which is supplied with water by means of a first supply line (3) and is supplied with oil by means of a second supply line (2) and said mixture is sprayed to the strip and/or into the roll nip and/or to at least one of the cylinders of the roll stand. The water flowing to the mixing and spraying device (10) is heated for a predetermined period of time by means of a control unit (9) by means of a heating device (6) provided in the first supply line (3).

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

(22) Date of filing of Application :10/07/2014

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : IONIC SILICONE HYDROGELS

(51) International classification:C08G77/442,C08F283/12,C08F290/06(31) Priority Document No:61/579683(32) Priority Date:23/12/2011(33) Name of priority country:U.S.A.(86) International Filing Date:PCT/US2012/070906(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2013/096604(87) International Publication No (61) Patent of Addition to Application Number Filing Date:NA :NA(82) Divisional to Application Number Filing Date:NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)JOHNSON &amp; JOHNSON VISION CARE INC. Address of Applicant :7500 Centurion Parkway Jacksonville Florida 32256 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)ALLI Azaam</li> <li>2)FORD James D.</li> <li>3)VANDERLAAN Douglas G.</li> <li>4)JOSLIN Scott L.</li> </ul>
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#### (57) Abstract :

The present invention relates to a process comprising the steps of reacting a reactive mixture comprising at least one silicone containing component at least one hydrophilic component and at least one diluent to form an ophthalmic device having an advancing contact angle of less than about 80; and contacting the ophthalmic device with an aqueous extraction solution at an elevated extraction temperature wherein said at least one diluent has a boiling point at least about 10 higher than said extraction temperature.

No. of Pages : 88 No. of Claims : 86

(19) INDIA

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

(51) International classification	:C07D231/12	(71)Name of Applicant :
(31) Priority Document No	:61/586143	1)BASF SE
(32) Priority Date	:13/01/2012	Address of Applicant :67056 Ludwigshafen Germany
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/075345	1)KEIL Michael
Filing Date	:13/12/2012	2)REICHERT Wolfgang
(87) International Publication No	:WO 2013/104478	3)KORADIN Christopher
(61) Patent of Addition to Application	:NA	4)BATTAL Y <sup>1</sup> /4ksel
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (54) Title of the invention : PROCESS FOR PREPARING ACETANILIDES

(57) Abstract :

The present invention relates to a novel process for preparing acetanilides of the formula (I) by reacting a 2 halo N

halomethylacetanilide of the formula (II) with an azole of the formula (III) H A (III) wherein the substituents R R R R R A X and X in the formulae (I) (II) and (III) have the meanings as indicated in the description.

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

(19) INDIA

(22) Date of filing of Application :10/07/2014

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : DOWN CONVERSION CIRCUIT (51) International classification :H04B1/10,H04B1/28,H03D7/18 (71)Name of Applicant : (31) Priority Document No 1)TELEFONAKTIEBOLAGET L M ERICSSON (publ) :12153826.8 (32) Priority Date Address of Applicant :S 164 83 Stockholm Sweden :03/02/2012 (33) Name of priority country (72)Name of Inventor : :EPO (86) International Application 1)DIN Imad Ud :PCT/EP2013/051248 No 2)ANDERSSON Stefan :23/01/2013 Filing Date 3)SJ-LAND Henrik (87) International Publication No: WO 2013/113597 **4)WERNEHAG Johan** (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

#### (57) Abstract :

A down conversion circuit (30) for a receiver circuit (10) is disclosed the down conversion circuit 30 comprises a first passive switching mixer (70) arranged to down convert a received radio frequency RF signal with a first local oscillator LO signal (LO1) having a first duty cycle for generating a first down converted signal at an output port (75) of the first passive switching mixer (70). The down conversion circuit (30) further comprises a second passive switching mixer (80) arranged to down convert the received RF signal with a second LO signal (LO2) having the same LO frequency as the first LO signal (LO1) and a second duty cycle different from the first duty cycle for generating a second down converted signal at an output port (85) of the second passive switching mixer (80). In addition the down conversion circuit (30) comprises a passive output combiner network (90) operatively connected to the output ports (75 85) of the first passive switching mixer (70) and the second passive switching mixer (80) and arranged to combine the first and the second down converted signal content present in the second down converted signal content present in the second down converted signal cancel in a combined output signal of the down converted signals. A related quadrature down conversion circuit (50) a related receiver circuit (10) a related communication device (1 2) and a related calibration method are also disclosed.

No. of Pages : 32 No. of Claims : 21

### (22) Date of filing of Application :10/07/2014

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : PACKAGING COMPRISING A CONTAINER AND A CAP WITH HINGED LID

(51) International classification	:B03D4//08,B03D83/00,B03D43/02	(71)Name of Applicant : 1)NESTEC S.A.
(31) Priority Document No	:61/584007	Address of Applicant : Avenue Nestl 55 CH 1800 Vevey
(32) Priority Date	:06/01/2012	Switzerland
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2013/050054 :03/01/2013	1)GREENBERG Kelly 2)JENTIS Richard 3)NGUYEN Tran
(87) International Publication	<sup>1</sup> :WO 2013/102645	4)WOLFORD Jeff
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A packaging for dispensing infant food products is disclosed. In a general embodiment the present disclosure provides a packaging for infant cereal products. The packaging (10) includes a cap (20)having a hinged lid (40) attached to the cap and a container (50) releasably attachable to the cap. The cap is removable from the container to allow the removal of a desired amount of product in the container. The hinged lid is also openable so that a desired amount of product can be poured therethrough.

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

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : METHOD FOR REMOVING FMOC GROUP

#### (57) Abstract :

The present invention relates to a method for removing Fmoc groups the method comprising a step for mixing a compound represented by formula (I): HS L COOH (where L is an optionally substituted C alkylene group) a compound having amino groups protected by Fmoc groups and a base and obtaining a reaction mixture containing a compound represented by the formula (II): Fm S L COOH (where Fm is a 9 fluorenylmethyl group and L is as previously defined) and a step for removing the compound represented by the formula (II) by washing the resulting reaction mixture using an aqueous basic solution. The present invention provides a method for removing an Fmoc group with which it is possible to easily eliminate a dibenzofulvene derivative by product.

No. of Pages : 59 No. of Claims : 11

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : THERMALLY PROCESSED SHELF STABLE DAIRY BASED COMPOSITIONS AND METHODS FOR MAKING 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></ul>	:A23C3/023,A23C9/13,A23C9/15 :61/582617 :03/01/2012 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)NESTEC S.A. Address of Applicant : Avenue Nestle 55 CH 1800 Vevey Switzerland</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:PCT/IB2013/050064 :03/01/2013 :WO 2013/102871	<ul> <li>(72)Name of Inventor :</li> <li>1)KOENIG Elizabeth Ann Clubbs</li> <li>2)GRAF Eric Edward</li> </ul>
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

The present disclosure provides dairy compositions comprising particulates and having good color flavor and texture after thermal processing. In a general embodiment the compositions include particulates such as fruits and/or grains and the compositions are thermally processed and shelf stable. Methods for reducing or inhibiting browning of dairy based compositions are also provided. The methods include for example thermally processing a dairy composition including particulates such as fruits and/or grains at a temperature that is less than about 240°F. The compositions and methods of the present disclosure provide several advantages including for example the reduction or avoidance of degradation/browning of the compositions during processing and storage.

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

(19) INDIA

(22) Date of filing of Application :10/07/2014

(54) Title of the invention : BLAST FURNACE

#### (43) Publication Date : 10/04/2015

		-
(51) International classification	:C21B7/00	(71)Name of Applicant :
(31) Priority Document No	:2012007598	1)MITSUBISHI HEAVY INDUSTRIES LTD.
(32) Priority Date	:18/01/2012	Address of Applicant :16 5 Konan 2 chome Minato ku Toky
(33) Name of priority country	:Japan	1088215 Japan
(86) International Application No	:PCT/JP2013/050623	(72)Name of Inventor :
Filing Date	:16/01/2013	1)OMOTO Setsuo
(87) International Publication No	:WO 2013/108768	2)NAKAGAWA Keiichi
(61) Patent of Addition to Application	:NA	3)HAMADA Tsutomu
Number	:NA :NA	4)SAKAGUCHI Masakazu
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A blast furnace (100) is provided with: a blast furnace body (110); raw material charging means (111 to 113) for charging raw material (1) into the blast furnace body (110); hot air blowing means (114 115) for blowing hot air into the blast furnace body (110); a drying apparatus (122) etc. for evaporating moisture in low grade coal (2); a dry distillation apparatus (123) etc. for carbonizing dried coal (5); a cooling apparatus (124) etc. for cooling carbonized coal (7); a pulverization apparatus (125) etc. for pulverizing the carbonized coal (7) cooled by the cooling apparatus; a storage tank (153) for storing powdered coal (8); a nitrogen gas supply source (121) a conveyor line (151) and a cyclone separator (152) etc. for conveying the powdered coal (8) pulverized by the pulverization apparatus (125) to the inside of the storage tank (153) by generating a gas flow with the nitrogen gas (102); and an injection lance (154) etc. for feeding the powdered coal (8) inside the storage tank (153) to hot air (101) that is blown into the blast furnace body (110).

No. of Pages : 25 No. of Claims : 6

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

#### (51) International (71)Name of Applicant : :A01D34/23,A01D34/30,A01D57/04 classification 1)YANMAR CO. LTD. (31) Priority Document No Address of Applicant :1 9 Tsurunocho Kita ku Osaka shi :2011273004 (32) Priority Date :14/12/2011 Osaka 5308311 Japan (33) Name of priority (72)Name of Inventor : :Japan 1)OOHARA Kenji country (86) International :PCT/JP2012/082479 Application No :14/12/2012 Filing Date (87) International :WO 2013/089224 Publication No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to :NA Application Number :NA Filing Date

#### (54) Title of the invention : CEREAL STALK REAPING APPARATUS

(57) Abstract :

Replacement of a front end unit is facilitated which performs mowing of a crop in a cereal stalk reaping apparatus. The present invention comprises a spindle reaper (61) which is laterally bridged with respect to a body (3) and rotates in a vicinity of a horizontal axis; a rotation transformation mechanism (100) which is linked and concatenated to a terminal end of the spindle reaper (61); and a transmission shaft group which is installed in a longitudinal direction of the body (3) and linked and concatenated to an output side of the rotation transformation mechanism (100) to move a cutting blade of a reaping apparatus (270) from side to side. The transmission shaft group is configured to include a first transmission rod (110) whose lead end is connected to the rotation transformation mechanism (100); and a second transmission rod (220) which rotates in conjunction with the first transmission rod (110) via a predetermined power transmission rod (220) is linked and concatenated to one end of the cutting blade via a linear conversion mechanism to move the cutting blade of the reaping apparatus (270) from side to a linear conversion mechanism to move the cutting blade of the reaping apparatus (270) from side to side.

No. of Pages : 89 No. of Claims : 6

(21) Application No.5772/DELNP/2014 A

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : NOVEL GALACTOSIDE INHIBITORS OF GALECTINS

<ul> <li>(51) International classification</li> <li>:C07H15/18,A61K31/7028,A61P19/02</li> <li>(31) Priority Document No :12152413.6</li> <li>(32) Priority Date :25/01/2012</li> <li>(33) Name of priority country</li> <li>:EPO</li> <li>(86) International Application No :24/01/2013</li> <li>:WO 2013/110704</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>:NA :NA</li> </ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)GALECTO BIOTECH AB Address of Applicant :Ole Maal, es Vej 3 COBIS DK 2200</li> <li>Copenhagen N Denmark</li> <li>(72)Name of Inventor :</li> <li>1)NILSSON Ulf</li> <li>2)LEFFLER Hakon</li> <li>3)MUKHOPADHYAY Balaram</li> <li>4)RAJPUT Vishal</li> </ul>
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(57) Abstract :

The present invention relates to novel compounds prepared from readily accessible 3 O propargyl D galactopyranoside derivatives and having an effect as i.a. galectin inhibitors the use of said compounds as a medicament as well as for the manufacture of a medicament for treatment of disorders relating to the binding of galectin to ligandsin a mammal wherein said galectin is preferably a galectin 3. The novel compounds are defined by the general formula (I).

No. of Pages : 55 No. of Claims : 43

(19) INDIA

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

(51) International classification	:B62D55/205	(71)Name of Applicant :
(31) Priority Document No	:2012118573	1)KOMATSU LTD.
(32) Priority Date	:24/05/2012	Address of Applicant :2 3 6 Akasaka Minato ku Tokyo
(33) Name of priority country	:Japan	1078414 Japan
(86) International Application No	:PCT/JP2012/083248	(72)Name of Inventor :
Filing Date	:21/12/2012	1)KITA Naoaki
(87) International Publication No	:WO 2013/175667	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (54) Title of the invention : CRAWLER TRACK CONNECTING DEVICE

(57) Abstract :

In this crawler track connecting device a first crawler track link (21) has a first through hole (21a) and has a first notch (21b) in the inner peripheral surface of the first through hole (21a). A master pin (22) is inserted into the first through hole (21a) of the first crawler track link (21) and has a second notch (22b) on the outer peripheral surface. A first depression (24) is configured from the first notch (21b) and the second notch (22b) and has an opening at the end of the first through hole (21a). One end surface of a first dowel pin (25) is arranged on the side of the opening. A first snap ring (26) has a C shape is arranged separated from or contacting the one end surface of the first dowel pin (25). By this means working efficiency of attaching and detaching the crawler track can be improved and it is possible to obtain a crawler track connecting device that can keep the master pin from falling out of the crawler track link.

No. of Pages : 34 No. of Claims : 7

(21) Application No.350/DEL/2012 A

#### (19) INDIA

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : ELECTRONIC IMAGE PICKUP APPARATUS AND ELECTRONIC IMAGE PICKUP METHOD (51) International classification :C09F (71)Name of Applicant : (31) Priority Document No 1) OLYMPUS IMAGING CORP. :2006-045454 (32) Priority Date Address of Applicant :43-2. HATAGAYA 2-CHOME. :22/02/2006 (33) Name of priority country SHIBUYA-KU, TOKYO 151-0072 JAPAN .. :Japan (86) International Application No (72)Name of Inventor : :NA **1)ONOMURA KENICHI** Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :146/DEL/2007 Filed on :24/01/2007

(57) Abstract :

An electronic image pickup apparatus comprises a color image pickup element having a plurality of drive modes including at least the first drive mode and the second drive mode. The color-conversion parameter storage section of the apparatus stores the first color-conversion parameter. The color-conversion parameter computing section of the apparatus computes from the first color-conversion parameter. The computation parameter storage section of the apparatus stores the computation parameter for computing the second color-conversion parameter. The color-conversion section of the apparatus converts the color data acquired by the color image pickup element in the first drive mode according to the first color-conversion parameter.

No. of Pages : 60 No. of Claims : 10

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : METHOD AND DEVICE FOR VISUALIZING THE SURROUNDINGS OF 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> </ul>	:G01S11/12,G01S17/93,B60W50/14 :10 2012 200 731.8 :19/01/2012 v:Germany	<ul> <li>(71)Name of Applicant :</li> <li>1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart </li> <li>Germany (72)Name of Inventor :</li></ul>
<ul> <li>(86) International</li> <li>Application No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:PCT/EP2012/073835 :28/11/2012	1)HECKEL Joerg 2)MARBERGER Claus 3)MIELENZ Holger
<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	

(57) Abstract :

The invention relates to a method for visualizing the surroundings of a vehicle (1) comprising the following steps: determining and saving a current distance between the vehicle (1) and obstacles (6 60 61 62 63 64 65 66) present in the surroundings of the vehicle by means of at least one sensor; determining and saving a current position of the vehicle; calculating an at least two dimensional surroundings model from the saved data; calculating a virtual view (30) of the surroundings model from a selected virtual observer position (3); recording a video representation of at least one part of the surroundings by means of at least one video camera (2) and integrating the video representation (30) into the virtual view (30); and outputting the virtual view having the integrated video representation to a driver of the vehicle (1).

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

(19) INDIA

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : INTEGRATED MEDICAL WASTE MANAGEMENT SYSTEM AND OPERATION

(57) Abstract :

An integrated medical waste management and treatment system may include sensors interlocks communications links and/or other features for determining if the waste itself the decontaminating disinfectant used in the process or the status of the system are consistent with recommended or authorized system operation. System operation may be terminated if a condition inconsistent with recommended or authorized system operation is detected. Such compliance apparatus may include an electronic scale for determining the weight of the waste loaded into the receiver compartment a metal detector or a sensor for determining if the decontaminating disinfectant is a recommended or authorized disinfectant. A communications link may be provided one or more systems to transmit information to a central station to deliver updates or commands associated with the recommended or authorized operation of each system.

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

(19) INDIA

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : LOW TOXICITY SOLVENT SYSTEM FOR POLYAMIDEIMIDE RESINS AND SOLVENT SYSTEM MANUFACTURE

<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>		<ul> <li>(71)Name of Applicant :</li> <li>1)FUJIFILM HUNT CHEMICALS US INC. Address of Applicant :40 Boroline Road Allendale New Jersey</li> <li>(7401 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)SIDENSTICK John</li> <li>2)NOGA David</li> <li>3)MULLINS Kathryn</li> <li>4)PHILLIPS Mace</li> </ul>
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(57) Abstract :

Disclosed is a low toxicity aprotic alkyl amide solvent system used for the manufacture and application of polyamideimide resins and an efficient method for manufacturing the polyamideimide resins in a solvent system in a single reaction with distillation which allows recycling of intermediate streams. The solvent system can be used for either the manufacture or the dissolution of polyamideimide resins.

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

(21) Application No.5751/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : GENERATOR OF A GEARLESS 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H02K7/18,H02K11/04 :10 2011 089 498.5 :21/12/2011 :Germany :PCT/EP2012/075579 :14/12/2012 :WO 2013/092423 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)WOBBEN PROPERTIES GMBH Address of Applicant :Dreekamp 5 26605 Aurich Germany (72)Name of Inventor :</li> <li>1)GIENGIEL Wojciech</li> </ul>
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(57) Abstract :

The invention relates to a generator (1) of a gearless wind turbine (100) having a stator (4) and a rotor (2) and comprising stator windings (8) for generating several alternating currents in particular at least three alternating currents phase shifted from each other rectifying means (10) for rectifying the alternating currents and at least two direct current bus bars (12 14) for collecting the rectified alternating currents.

No. of Pages : 20 No. of Claims : 10

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : AIRCRAFT INTERIOR TRIM PANEL AND AIRCRAFT FITTED WITH SUCH PANELS

<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 Not Filing Date</li> <li>(87) International Publication Not</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:11/10/2012 :WO 2013/098665 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)AGUSTAWESTLAND S.P.A. Address of Applicant :Via Giovanni Agusta 520 Frazione Cascina Costa Samarate Italy</li> <li>(72)Name of Inventor :</li> <li>1)PERAZZOLO Alessandro</li> <li>2)SCAINI Sara</li> </ul>
e	:NA :NA	

#### (57) Abstract :

A trim panel (10) for the interior (11) of an aircraft (E) the panel having a multilayer structure and including an outer layer (12) made of material impervious to air and which is positioned in use facing the fuselage of the aircraft (E); an inner layer (13) made of trim material and which in use defines the interior (11); a structural layer (14) interposed between the inner and outer layer (13 12); and acoustic energy dissipating material (17 21) also interposed between the inner (13) and outer (12) layer; the inner layer (13) being made of porous material allowing airflow towards the acoustic energy dissipating material (17 21).

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

(19) INDIA

(22) Date of filing of Application :10/07/2014

#### (43) Publication Date : 10/04/2015

	101	
(51) International classification	:A01K29/00	(71)Name of Applicant :
(31) Priority Document No	:61/582968	1)NESTEC S.A.
(32) Priority Date	:04/01/2012	Address of Applicant : Avenue Nestle 55 CH 1800 Vevey
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/US2013/020041	(72)Name of Inventor :
Filing Date	:03/01/2013	1)WURTH Stephen Andrew
(87) International Publication No	:WO 2013/103650	2)KIM Kisun
(61) Patent of Addition to Application	:NA	3)BALLARD Jacob
Number	:NA :NA	4)SEAL Paul
Filing Date	.NA	5)PERSELLS James P.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alesterest		1

#### (54) Title of the invention : ANIMAL PLAY TOY

(57) Abstract :

The invention provides animal play toys that engage an animal in play before and during consumption of a treat. In one aspect the invention provides an animal play toy having a top portion defining at least one hole therethrough and a weighted bottom portion. The animal play toy is able to stand upright when there is no interaction with the animal play toy. One or more ropes of a consumable product or a non consumable product can be attached to the top portion of the animal play toy through the hole.

No. of Pages : 18 No. of Claims : 28

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : METHODS OF ISOLATING (4 CHLORO 2 FLUORO 3 SUBSTITUTED PHENYL) BORONATES AND METHODS OF USING 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:61/582175 :30/12/2011 :U.S.A.	<ul> <li>(71)Name of Applicant : <ol> <li>DOW AGROSCIENCES LLC</li> <li>Address of Applicant :9330 Zionsville Rd. Indianapolis</li> </ol> </li> <li>Indiana 46268 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>OPPENHEIMER Jossian</li> <li>MENNING Catherine A.</li> <li>HENTON Daniel R.</li> </ol> </li> </ul>
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#### (57) Abstract :

Methods of isolating a 4 chloro 2 fluoro 3 substituted phenylboronate include adding carbon dioxide gas or carbon dioxide solid (dry ice) to a solution comprising a 4 chloro 2 fluoro 3 substituted phenylboronate an inert organic solvent and at least one lithium salt to react the at least one lithium salt with the carbon dioxide gas or carbon dioxide solid (dry ice) and form a mixture comprising the 4 chloro 2 fluoro 3 substituted phenylboronate the inert organic solvent and a precipitated solid. The precipitated solid may be removed from the mixture. Methods of using 4 chloro 2 fluoro 3 substituted phenylboronates to produce methyl 4 amino 3 chloro 6 (4 chloro 2 fluoro 3 substituted phenyl)pyridine 2 carboxylates are also disclosed. A 4 chloro 2 fluoro 3 substituted phenylboronate produced by one of the methods of isolating a 4 chloro 2 fluoro 3 substituted phenylboronate is also disclosed wherein the 4 chloro 2 fluoro 3 substituted phenylboronate may be obtained at a yield of greater than or equal to about 90%.

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

(21) Application No.6918/DELNP/2014 A

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : INTERACTIVE AUDIO/VIDEO SYSTEM 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 Number Filing Date</li> </ul>	:H04IN5/202,H04IN21/234,H04IN21/84	<ul> <li>(71)Name of Applicant :</li> <li>1)KARAOKE REALITY VIDEO INC. Address of Applicant :3510 Boul. Ste Rose Laval Qubec H7P</li> <li>4R7 Canada</li> <li>(72)Name of Inventor :</li> <li>1)COURTEMANCHE Michel</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

There is provided an interactive audio/video system for making an interactive audio/video clip of one or more participant each provided with a green neck and torso bib and a microphone. One or more audio/video camera is aimed at the at least one participant in front of a green screen. An audio/video server in communication with the microphone and video camera is configured to isolate the heads of each of the participants using a Chroma keying process and superimposes them on the body of associated characters in a selected audio/video clip. The voices of the participants are also superimposed on the selected audio/video clip.

No. of Pages : 30 No. of Claims : 15

#### (19) INDIA

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : SENSING SYSTEM AND METHOD FOR MANUFACTURING THE SAME

#### (57) Abstract :

A system (10) includes a sensor housing (12) having a base portion (14), a lid portion (16), and a joining portion (18). The joining portion (18) is configured to be wrapped around at least a portion of an electrical wire (28). The lid portion (16) includes one end (20) detachably coupled to a first end (22) of the base portion (14) and another end (24) coupled to a second end (26) of the base portion (14) via the joining portion (18). A flexible coil sensor (40) is disposed in the sensor housing (12); bonded substantially along the base portion (14) and the joining portion (18) and configured to generate a signal representative of a fault in the electrical wire (28). A processing device (50) is disposed in the sensor housing (12) and configured to detect and locate a fault in the electrical wire (28) in response to the signal representative of the fault in the electrical wire (28) generated by the flexible coil sensor (40).

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

(19) INDIA

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : HYBRID PA	YMENT SMARTCARD	
<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:G06Q20/34 :PI 2012000216 :16/01/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)MOBILE MONEY INTERNATIONAL SDN BHD Address of Applicant :Lot 23 24 2nd Floor I.O.I. Business</li> </ul>
<ul> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:Malaysia :PCT/MY2013/000003 :15/01/2013 :WO 2013/109134	Park Puchong Selangor 47100 Malaysia (72)Name of Inventor : 1)LEE Eng Sia 2)LOH Jin Feei Jeffrey
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A smartcard system comprising a smartcard (20) on which is stored cash defined by one or more values including an offline limit value and a secured value a server (2) on which a user can create an account and a recorded value is stored and one or more transaction terminals (4 6 8 10 12) which reduce the offline limit value of the smartcard (20) and communicates (24) the same to the server (2) when the smartcard (20) is used for a transaction wherein the server (2) sends an instruction (26 28 30) to the transaction terminals (6 8 10) to decrease the secured value by the transaction amount and increase the offline limit value on the smartcard by said amount when the smartcard (20) is next used (32) for a transaction.

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

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : COMPOSITION FOR INHIBITING AFTER CATARACT AND METHOD FOR PREPARING 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 <ul> <li>Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:A61K31/4402,A61K31/728,A61P27/12 :1020110133103 :12/12/2011 :Republic of Korea :PCT/KR2012/000205 :09/01/2012 :WO 2013/089307 to :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BMI KOREA CO. LTD Address of Applicant :907 1 Sangshin ri Hyangnam myeon Hwasung si Gyeonggi do 445 746 Republic of Korea</li> <li>2)CATHOLIC UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION</li> <li>(72)Name of Inventor :</li> <li>1)BAIK Yeong Jun</li> <li>2)JOO Choun Ki</li> <li>3)LEE Sung Hee</li> <li>4)CHOI Jun Sub</li> <li>5)WOO Koo</li> </ul>
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#### (57) Abstract :

The present invention relates to a composition for inhibiting after cataract comprising hydrophilic sulfasalazine a high content of hyaluronic acid and a carrier comprising an acqueous solution and a method for preparing the composition for inhibiting after cataract by adding a hyaluronic acid powder to sulfasalazine that is hydrophillized and mixing same according to specific reaction conditions.

No. of Pages : 34 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :10/07/2014

(54) Title of the invention : PROCESS FOR MANUFACTURING BENZOXAZINONES

(43) Publication Date : 10/04/2015

#### (51) International classification :C07D265/36,C07D413/04 (71)Name of Applicant : (31) Priority Document No 1)BASF SE :11195507.6 (32) Priority Date Address of Applicant :67056 Ludwigshafen Germany :23/12/2011 (33) Name of priority country (72)Name of Inventor : :EPO (86) International Application No **1)DOCHNAHL Maximilian** :PCT/EP2012/076373 2)RACK Michael Filing Date :20/12/2012 (87) International Publication No :WO 2013/092856 **3)KEIL Michael** (61) Patent of Addition to Application 4)WOLF Bernd :NA Number 5)VOGELBACHER Uwe Josef :NA Filing Date **6)GEBHARDT Joachim** (62) Divisional to Application Number :NA 7)FRASSETTO Timo Filing Date 8)MAYWALD Volker :NA

(57) Abstract :

The present invention relates to a process for manufacturing a benzoxazinone of formula (I) by reacting a nitro compound of formula (II) with a reducing agent to obtain an amino compound of formula (III) and then reacting the amino compound of formula (III) with an acid; wherein the variables are defined according to the description and benzoxazinone of formula (I).

No. of Pages : 37 No. of Claims : 9

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : CRYSTAL FORM OF (6S) 5 METHYLTETRAHYDROFOLATE SALT AND METHOD FOR PREPARING SAME

classification       :C07D475/04,A61R51/519,A61P7/06         (31) Priority Document No       :201210019038.4         (32) Priority Date       :20/01/2012         (33) Name of priority       :China         (36) International       :PCT/CN2012/086794         Application No       :17/12/2012         (87) International       :WO 2013/107236	<ul> <li>71)Name of Applicant :</li> <li>1)LIANYUNGANG JINKANG HEXIN</li> <li>PHARMACEUTICAL CO. LTD. <ul> <li>Address of Applicant :LI Huizhen Jinqiao Road South</li> <li>Yunqiao Road East Economic and Technological Development</li> </ul> </li> <li>Zone Lianyungang Jiangsu 222000 China</li> <li>72)Name of Inventor : <ul> <li>1)WANG Zheqing</li> <li>2)CHENG Yongzhi</li> <li>3)HUANG Heng</li> <li>4)LI Huizhen</li> </ul> </li> </ul>
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(57) Abstract :

Disclosed is a crystal form of (6S) 5 methyltetrahydrofolate salt and a method for preparing same. The crystal form is: C form of the crystal form of (6S) 5 methyltetrahydrofolate calcium salt the X ray diffraction pattern thereof having diffraction peaks at the 2 angles of  $6.3\pm0.2$  and  $19.2\pm0.2$ ; or the crystal form of (6S) 5 methyltetrahydrofolate strontium salt the X ray diffraction pattern thereof having diffraction peaks at the 2 angles of  $6.5\pm0.2$  and  $22.0\pm0.2$ . The crystal form of (6S) 5 methyltetrahydrofolate salt in the present invention has advantages such as excellent physicochemical properties good stability high purity good reproducibility and being more suitable for production on an industrial scale.

No. of Pages : 26 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :01/10/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : MAIN WHEEL FOR LIGHT COMBAT AIRCRAFT (LCA)

(51) International classification	:B60B, B64C	(71)Name of Applicant : 1)ASERDC HAL, ACCESSORIES DIVISION FAIZABAD
(31) Priority Document No	:NA	ROAD LUCKNOW
(32) Priority Date	:NA	Address of Applicant :S.K. SRIVASTAVA DGM
(33) Name of priority country	:NA	(EQUIPMENTS) ASERDC HINDUSTAN AERONAUTICS
(86) International Application No	:NA	LIMITED, ACCESSORIES DIVISION, FAIZABAD ROAD,
Filing Date	:NA	LUCKNOW-226016 Uttar Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)NAVNEEL NEERAJ
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract :

This Main Wheel is designed and developed by ASERDC, HAL Accessories Division, Lucknow for Light Combat Aircraft (LCA) to operate with LCA Brake Unit. This light aluminum alloy wheei is of bowl type configuration with loose flange and lock ring and is designed to acccwnrvloelate a tubeless Tyre of size 26x 8.00- 14,18PR. There are two taper roller bearings for mounting wheel on Main Landing Gears (MLG) of Light Combat Aircraft (LCA). This wheei has a hub cap sub assembly to transmit wheel speed to wheei speed sensor mohed inside MLG. There is a provision of fusible plugs for thermai potecbon of wheel; these plugs shall blow when a wheel hub reaches at a critical temperature. In the inner periphery of wheel, seven drive tenons are provided over which steel drive blocks are bolted to provide hard surface to wheel hub. These drive tenons are accommodate in the rotors of LCA-Brake.

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

(19) INDIA

(22) Date of filing of Application :01/10/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : BRAKE UNIT FOR LIGHT COMBAT AIRCRAFT (LCA)

(51) International classification	:B64D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASERDC, HAL ACCESSORIES DIVISION LUCKNOW
(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, UP.
Filing Date	:NA	INDIA Uttar Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)NAVNEEL NEERAJ
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Is for use on Light Combat Aircraft (LCA) and it shall work with LCA Main wheel (quantity 2 off each).

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

#### (22) Date of filing of Application :04/10/2013

#### (43) Publication Date : 10/04/2015

## (54) Title of the invention : 2-ANILINONICOTINYL BASED CHALCONES USEFUL AS POTENTIAL ANTICANCER AGENTS AND PROCESS FOR PREPARATION THEREOF

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>N</li> </ul>	<ul> <li>:C07D</li> <li>:NA</li> <li>:NA</li></ul>
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(57) Abstract :

The present invention provides a compound of general formulae A usehl as potential antitumor agents against human cancer cell lines and a process for the preparation thereof.

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

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

(54) Title of the invention : A SELF CENTERED DIRECT ACTING PRESSURE RELIEF VALVE FOR TRACTOR HYDRAULIC SYSTEM

(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAHINDRA & MAHINDRA LTD.
(32) Priority Date	:NA	Address of Applicant :FES-SWARAJ DIVISION, PHASE 4,
(33) Name of priority country	:NA	INDUSTRIAL AREA, S.A.S. NAGAR DISTT. MOHALI
(86) International Application No	:NA	(PUNJAB) Punjab India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)J. S. CHAWLA
(61) Patent of Addition to Application Number	:NA	2)J. S. SOHAL
Filing Date	:NA	3)HARJIT SINGH
(62) Divisional to Application Number	:NA	4)DEEPAK JAIN
Filing Date	:NA	

(57) Abstract :

This invention relates to a self centered direct acting pressure relief valve for tractor hydraulic system comprising of valve seat with ball having required hardness, a spool guided by the adapter having a cavity matching the head of the valve seat and a clearance provided to reduce the difference between the opening pressure and the full-flow pressure; and a spring seat that transfers the load of the spring on the valve spool through a ball to eliminate the offset between the load line of the spring and the valve centerline.

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

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : RECOMBINANT ESCHERICHIA COLI STRAINS

<ul> <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> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul> </li> </ul>	:C12N1/21,C12R1/19,C07K14/47 :12001091.3 :17/02/2012 :EPO :PCT/EP2013/000446 :14/02/2013 :WO 2013/120618 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)PHARMA ZENTRALE GMBH <ul> <li>Address of Applicant :Loerfeldstrasse 20 58313 Herdecke</li> </ul> </li> <li>Germany </li> <li>(72)Name of Inventor : <ul> <li>1)-LSCHL,,GER Tobias</li> <li>2)SEO Ean Jeong</li> <li>3)WEHKAMP Jan</li> <li>4)STANGE Eduard F.</li> <li>5)SONNENBORN Ulrich</li> <li>6)MALINKA J¼rgen</li> <li>7)PROPPERT Hans</li> </ul> </li> </ul>
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(57) Abstract :

The present invention is directed to a recombinant E. coli Nissle 1917 (EcN) cell transformed with a nucleic acid coding for a defensin protein or a derivative thereof. The invention is further directed to a pharmaceutical composition comprising this cell and a pharmaceutically acceptable carrier as well as a method of producing a recombinant E. coli Nissle 1917 cell and its use in the treatment of Crohns disease.

No. of Pages : 60 No. of Claims : 14

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : PROCESS FOR PREPARING DIALKYL CARBONATE AND DIOL PRODUCTS

<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>	:C07C68/06,C07C69/96,C07C29/128 :13/406711 :28/02/2012 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)SAUDI BASIC INDUSTRIES CORPORATION Address of Applicant :P.O. Box 5101 11422 Riyadh Saudi Arabia</li> <li>(72)Name of Inventor :</li> <li>1)ZHANG Xiankuan</li> </ul>
(86) International Application No Filing Date	:PCT/US2012/070551 :19/12/2012	
(87) International Publication No	:WO 2013/130170	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

Dialkyi carbonate and diol products are prepared in an integrated process. In one embodiment alkylene oxide is reacted with carbon dioxide in the presence of a non halide containing homogeneous carbonation catalyst in a first reaction zone to form a crude cyclic carbonate product. The crude cyclic carbonate product is introduced along with an aliphatic monohydric alcohol to a second reaction zone containing a transesterification catalyst. The transesterification catalyst comprised a basic Type I ion exchange resin in gel. The cyclic carbonate product and monohydric alcohol are reacted to form the dialkyi carbonate and diol products. In another embodiment dialkyi carbonate and diol products are prepared in an integrated process wherein a halide containing homogeneous carbonation catalyst is used to form a crude cyclic carbonate product that is then used in a transesterification reaction. The transesterification catalyst is regenerated to accommodate the effects of the halide containing catalyst.

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

(21) Application No.5729/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

(51) International classification	:C07F7/18	(71)Name of Applicant :
(31) Priority Document No	:12000022.9	1)SAUDI BASIC INDUSTRIES CORPORATION
(32) Priority Date	:03/01/2012	Address of Applicant : P.O. Box 5101 11422 Riyadh Saudi
(33) Name of priority country	:EPO	Arabia
(86) International Application No	:PCT/EP2012/005300	(72)Name of Inventor :
Filing Date	:20/12/2012	1)SAINANI Jaiprakash Brijlal
(87) International Publication No	:WO 2013/102480	2)VIMALKUMAR Mahendrabhai Patel
(61) Patent of Addition to Application	:NA	3)DAVADRA Mahesh
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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## (54) Title of the invention : METHOD FOR PREPARING DI ORGANO DIALKOXYSILANES

(57) Abstract :

The present invention relates to a method for preparing di organo dialkoxysilanes in particular di organo dialkoxysilanes wherein one or both of the organic substituents are bulky. The method comprises reacting a tetraalkoxysilane compound with a first Grignard reagent to form a mono organo tri alkoxysilane compound which is then reacted with a chlorinating agent to form a chlorinated mono organo di alkoxysilane which is then reacted with a second Grignard reagent to form the di organo di alkoxysilane compound.

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : HEAT SEALABLE COATED NYLON			
<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> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:C08J7/04,C08J5/18,C09D175/04 :61/603664 :27/02/2012 :U.S.A. :PCT/US2013/027881 :27/02/2013 :WO 2013/130504 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ul> <li>1)HONEYWELL INTERNATIONAL INC.</li> <li>Address of Applicant :Patent Services M/S AB/2B 101</li> </ul> </li> <li>Columbia Road P.O. Box 2245 Morristown NJ 07962 2245</li> <li>U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)TING Yuan Ping R.</li> <li>2)PORTER Simon J.</li> <li>3)GUHSE Ken</li> <li>4)KERKAR Awdhoot V.</li> <li>5)MARTIN Gary</li> </ul> </li> </ul>	

(57) Abstract :

A heat sealable coated nylon film comprising a layer having a first and a second surface the layer consisting essentially of nylon and a coating on the first surface of said layer wherein the coating is water based and adapted for making the coated nylon film heat sealable and wherein the coating comprises a polyurethane and a polymer selected from the group consisting of polyolefin EVA EAA ethylene methacrylic copolymer and a combination thereof. A processes of forming said coated nylon film a packaged product comprising a product and said heat sealable coated nylon film in which the product is wrapped and a process of packaging said product.

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

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : HAIR CONDITIONING COMPOSITION COMPRISING CATIONIC SURFACTANT AND DEPOSITION POLYMER

Filing Date :28/03/2013 (87) International Publication No:WO 2013/148905 (61) Patent of Addition to Application Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA Structure :NA Str	<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	<ul> <li>1)THE PROCTER &amp; GAMBLE COMPANY Address of Applicant :One Procter &amp; Gamble Plaza Cincinnati</li> <li>Ohio 45202 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)UEHARA Nobuaki</li> </ul>
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(57) Abstract :

Disclosed is a hair conditioning composition comprising: a cationic surfactant; a high melting point fatty compound; a deposition polymer having specific monomers; and an aqueous carrier; wherein the mole % of the cationic surfactant to a sum of the cationic surfactant and the high melting point fatty compound is from about 20% to about 60%. The composition of the present invention provides improved friction reduction on wet hair while providing improved deposition of cationic surfactant fatty compounds and/or silicone compounds.

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

(19) INDIA

(22) Date of filing of Application :19/08/2014

### (43) Publication Date : 10/04/2015

### (54) Title of the invention : NON PNEUMATIC TIRE

<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)POLARIS INDUSTRIES INC. Address of Applicant :2100 Highway 55 Medina MN 55340 U.S.A.
(86) International Application No		(72)Name of Inventor :
Filing Date	:14/03/2013	1)GASS Donald Brett
(87) International Publication No	o :WO 2013/138548	2)BENNETT Jeffrey D.
(61) Patent of Addition to	:NA	3)BRADY Louis J.
Application Number	:NA	4)BORUD Eric J.
Filing Date	.1174	5)KOENIG David J.
(62) Divisional to Application	:NA	6)PEPPEL Keith W.
Number		7)NYSSE Aaron J.
Filing Date	:NA	8)JUBIE David W.

(57) Abstract :

A NON PNEUMATIC TIRE IS DISCLOSED WHERE A RESILIENT WHEEL IS MOUNTED ON A RIM AND THE WHEEL HAS AN INNER RING (8) AN OUTER RING (10) AND A PLURALITY OF FLEXIBLE WEBS INTERCONNECTED BETWEEN THE INNER AND OUTER RINGS. THE FLEXIBLE WEBS DEFINE OPENINGS (12 14 16 18 20) IN THROUGH THE RESILIENT WHEEL. THE STIFFNESS OF THE INNER WHEEL AT A POSITION ADJACENT TO THE INNER FACE (316) IS DIFFERENT THAN THE STIFFNESS OF THE INNER WHEEL AT A POSITION ADJACENT TO THE OUTER FACE (314). THIS STIFFNESS DIFFERENCE CAN BE ACCOMPLISHED BY PROVIDING INFLATED MEMBRANES (225 225) IN AT LEAST SOME OF THE OPENINGS OR BY MOLDING THE WHEEL WITH AN ASYMMETRIC PARTING LINE. IN ADDITION THE WHEELS COULD BE DYNAMICALLY CONTROLLED BY PROVIDING MAGNETICALLY ACTUABLE MEMBRANES IN SOME OF THE OPENINGS.

No. of Pages : 31 No. of Claims : 39

(22) Date of filing of Application :19/08/2014

### (43) Publication Date : 10/04/2015

### (54) Title of the invention : DOUBLE PIPE AND WELDED STRUCTURE UTILIZING 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</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:C22C38/00,B23K9/00,B23K9/02 :2012024687 :08/02/2012 :Japan :PCT/JP2013/051413 :24/01/2013 :WO 2013/118585 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>NIPPON STEEL &amp; SUMITOMO METAL</li> </ol> </li> <li>CORPORATION <ul> <li>Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku</li> </ul> </li> <li>Tokyo 1008071 Japan</li> <li>(72)Name of Inventor : <ul> <li>HIRATA Hiroyuki</li> <li>YOSHIZAWA Mitsuru</li> <li>OGAWA Hidenori</li> </ul> </li> </ul>
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### (57) Abstract :

(19) INDIA

This double pipe for a welded structure exhibits excellent weld crack resistance wherein: said double pipe is composed of an inner pipe that is made of a ferrite heat resistant steel having a chemical composition comprising specific amounts of C Si Mn P S Ni+Cu Cr Mo+W V Nb Ti B Al N and O with the balance comprising Fe and impurities and an outer pipe that is made of an austenite heat resistant steel having a chemical composition comprising specific amounts of C Si Mn P S Ni Cr Al N and O with the balance comprising Fe and impurities; fillet welded sections that satisfy the expression [outer pipe thickness = depth of melt caused by fillet welding + 0.3mm] are formed on the outer surface of the double pipe; and the thicknesses (mm) of the outer pipe and the inner pipe satisfy the expression [outer pipe thickness / (outer pipe thickness + inner pipe thickness) = 0.4]. When this double pipe is used a welded structure for constructing high temperature components of various kinds can be manufactured by fillet welding boards metal fittings and the like to the outer surface of the pipe by means of an ordinary submerged arc welding without requiring treatments such as preheating postheating and steel cleaning. The inner pipe may contain one or more kinds selected from Ca Mg and REM and the outer pipe may contain one or more kinds selected from Mo W Cu Co Nb Ti V B Ca Mg and REM.

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

## (12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :19/08/2014

### (43) Publication Date : 10/04/2015

### (54) Title of the invention : FUEL ELEMENT FOR MAGNESIUM AIR BATTERY MAGNESIUM AIR BATTERY PRODUCTION METHOD FOR FUEL ELEMENT FOR MAGNESIUM AIR BATTERY MAGNESIUM AIR BATTERY SYSTEM AND USE METHOD FOR MAGNESIUM AIR BATTERY 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>	:2012061089 :16/03/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)YTS SCIENCE PROPERTIES PTE. LTD. Address of Applicant :10 Anson Road #18 03 International Plaza 079903 Singapore</li> </ul>
<ul><li>(86) International Application No Filing Date</li></ul>	:PCT/JP2013/055683 :01/03/2013	(72)Name of Inventor : 1)YABE Takashi
(87) International Publication No	:WO 2013/137026	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract :

A magnesium air battery system (200) is provided with a supply section (210) a battery main body section (220) a winding section (230) and a drive unit (240). A fuel element (100) for a magnesium air battery is formed from a magnesium film to have a roll shape. The supply section (210) is connected with the fuel element (100) for a magnesium air battery and is rotationally driven by the drive unit (240) so that the fuel element (100) for a magnesium air battery is fed to the winding section (230) via the battery main body section (220). The battery main body section (220) comprises a positive electrode and an electrolyte and uses the fuel element (100) for a magnesium air battery as a negative electrode in order to generate electricity in cooperation with the positive electrode. The winding section (230) takes up the fuel element (100) for a magnesium air battery after the electricity generation reaction at the battery main body section (220) and forms a used fuel element (500) that can be removed in roll form from the winding section (230).

No. of Pages : 51 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : MANUFACT	TURE OF SILK	
<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 Filed on</li> </ul>	:D01B7/00 :0326645.9 :14/11/2003 :U.K. :PCT/GB2004/004797 :12/11/2004 : NA :NA :NA :NA :3369/DELNP/2006 :12/06/2006	<ul> <li>(71)Name of Applicant : <ol> <li>CENTRAL SERICULTURAL RESEARCH AND</li> </ol> </li> <li>TRAINING INSTITUTE <ul> <li>Address of Applicant :Central Silk Board, Ministry of</li> </ul> </li> <li>Textiles, Govt. of India, Manandavadi Road, Srirampura, Mysore</li> <li>570 008, Karnataka (IN) Karnataka India <ul> <li>Sally BARTON</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>Sally BARTON</li> <li>Shankar Bashetteppa Dandin</li> <li>Gandudi Krishnaiah Srinivasa Babu</li> </ul> </li> </ul>

### (57) Abstract :

A method of making silk comprising the steps of disposing a silkworm on a substantially flat surface (61) which is sufficiently free of anchor points that the silkworm cannot spin a cocoon thereon. The silkworm is able to move around on the surface (61) whilst secreting silk thread, thereby forming a mat of silk on the surface. After the formation of a mat (51, 52) of silk the silkworm is removed from the surface. The mat (51, 52) of natural silk comprises a continuously spun thread extending in multiple paths across the area of the mat in a pattern of crossing thread portions. In an advantageous embodiment, the surface (61) is held at an angle (a) to the horizontal whereby the silkworms tend to climb up the surface (61).

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

(19) INDIA

(22) Date of filing of Application :19/08/2014

### (43) Publication Date : 10/04/2015

0112112011	-
:E06B9/17	(71)Name of Applicant :
:PD2012A000090	1)DALLAN S.P.A.
:23/03/2012	Address of Applicant : Via per Salvatronda 50 I 31033
:Italy	Castelfranco Veneto TREVISO Italy
:PCT/IB2013/051461	(72)Name of Inventor :
:22/02/2013	1)DALLAN Sergio
:WO 2013/140277	
.NT A	
:NA	
:NA	
:NA	
	:PD2012A000090 :23/03/2012 :Italy :PCT/IB2013/051461 :22/02/2013 :WO 2013/140277 :NA :NA :NA

### (54) Title of the invention : ROLLER SHUTTER BOX

(57) Abstract :

The invention relates to a roller shutter box comprising an upper profile 10 and a lower profile 20 detachably connected to the upper profile by means of an extremal coupling portion 21 which engages a housing seat 11 made at an extremal portion 10 of the upper profile the latter portion having a substantially Z shaped cross section. The housing seat 11 is delimited in particular by an angled end portion 15 which defines with the main body 12 of the upper profile the access opening 16 to the seat. The coupling portion comprises a tongue 23 which engages the housing seat in catching relation. The angled end portion defines a flat surface 18 facing the seat and forms an acute angle a in relation to the perpendicular to a plane tl which is tangent to the main body 12. The coupling portion has two humps 24 25 of opposed concavity and sized so that one hump touches the angled end portion while the other touches the main body.

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

(19) INDIA

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : MULTILAYER FILM FOR MULTI PURPOSE INKJET 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</li> </ul>	:61/600744 :20/02/2012 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)AVERY DENNISON CORPORATION Address of Applicant :150 N. Orange Grove Blvd. Pasadena CA 91103 U.S.A. </li> <li>(72)Name of Inventor :</li> </ul>
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application</li><li>Number</li><li>Filing Date</li></ul>	:WO 2013/126452 :NA :NA	2)ZAIKOV Vadim 3)WANG Shanshan 4)BAKER James 5)CHEN Wen Li A.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention is directed to a printed substrate including a multilayer film having the following layered configuration: a print layer having a thickness of at least about 0.6 mils which is receptive to eco solvent inks mild solvent inks latex inks UV inks or combinations thereof and where the print layer includes one or more of eco solvent inks mild solvent inks latex inks UV inks or combinations thereof; a tie layer; a core layer; and an adhesive layer.

No. of Pages : 33 No. of Claims : 76

### (19) INDIA

(22) Date of filing of Application :06/02/2012

### (43) Publication Date : 10/04/2015

(54) Title of the invention : SENSOR STRUCTURE	2	
<ul> <li>(54) Title of the invention : SENSOR STRUCTURE</li> <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 <ul> <li>Filing Date</li> <li>(87) International Publication No</li> </ul> </li> </ul>	:H01L :2011- 025559 :09/02/2011 :Japan :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HITACHI AUTOMOTIVE SYSTEMS LTD. Address of Applicant :2520 TAKABA, HITACHINAKA-SHI, IBARAKI 312-8503, JAPAN</li> <li>(72)Name of Inventor :</li> <li>1)SAITO TAKAYUKI</li> <li>2)HANZAWA KEIJI</li> <li>3)YOGO TAKAYUKI</li> </ul>
(61) Patent of Addition to Application Number	:NA	5)1000 IMM10M
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

In relation to a humidity sensor sensitive to water and contamination, a sensor implementation structure that achieves both the protection performance against water and contaminants and measurement performance such as humidity responsiveness is provided. A sensor structure has a mass airflow measurement element that measures a mass airflow flowing in an intake pipe, a humidity sensing element that senses humidity of air flowing in the intake pipe, a housing structural component having a connector that carries out input/output to/from outside and a terminal component of the connector, and a bypass passage that is composed by using part of the housing structural component and takes in part of the air that flows in the intake pipe, the mass airflow measurement element being mounted in the bypass passage; wherein space is provided in the housing structural component in the vicinity of the bypass passage, the humidity sensing element is mounted in the space, and the part of the space does not have a structure sealed by an adhesive, a seal material, or the like.

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

### (19) INDIA

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 10/04/2015

(54) Title of the invention : TURBINE INLET AIR 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:B23B :13/025219 :11/02/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)GENERAL ELECTRIC COMPANY Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, UNITED STATES OF AMERICA U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)JARRIER ETIENNE RENE</li> </ul>

(57) Abstract :

The present application provides a turbine inlet air system (100). The turbine inlet air system (100) may include a small droplet coalescer (230), a moisture eliminator (220) positioned about the small droplet coalescer (230), and a filter (210) downstream of the small droplet coalescer (230) and the moisture eliminator (220).

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

## (19) INDIA

(22) Date of filing of Application :08/02/2012

(43) Publication Date : 10/04/2015

### (54) Title of the invention : SAFETY NET FOR BAR-CODED DOCUMENTS

(51) International classification	:G02B	(71)Name of Applicant :
(31) Priority Document No	:13/025,735	1)ATHENAHEALTH, INC.
(32) Priority Date	:11/02/2011	Address of Applicant :311 ARSENAL STREET,
(33) Name of priority country	:U.S.A.	WATERTOWN, MASSACHUSETTS 02472, UNITED STATES
(86) International Application No	:NA	OF AMERICA U.S.A.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)STONE, STEVEN JAMES
(61) Patent of Addition to Application Number	:NA	2)COSAND, ANDREW
Filing Date	:NA	3)GOODMAN, REUBEN LEV
(62) Divisional to Application Number	:NA	4)DUNN, ROBERT DEREK
Filing Date	:NA	5)HAGERTY, KATHRYN L.

(57) Abstract :

A method and system for generating and processing barcoded documents such that a safety net may be implemented to catch barcode errors. Barcodes may be generated for placement on the first and last page of documents. Each barcode may be associated with a document. During processing of barcoded documents, if a barcode is missing or misread, the safety net will catch the error and mark the affected pages for further review.

No. of Pages : 37 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

### (54) Title of the invention : SUSTAINED RELEASE ORAL SOLID PREPARATION

	:C08J3/075,A61K9/20,A61P25/00	
(31) Priority Document No	:61/607291	1)OTSUKA PHARMACEUTICAL CO. LTD.
(32) Priority Date	:06/03/2012	Address of Applicant :9 Kanda Tsukasamachi 2 chome
(33) Name of priority country	:U.S.A.	Chiyoda ku Tokyo 1018535 Japan
(86) International Application	DCT/ID2012/05/001	(72)Name of Inventor :
No	:PCT/JP2013/056881	1)FORBES Robert A.
Filing Date	:06/03/2013	2)MALLIKAARJUN Suresh
(87) International Publication	WO 2012/122440	3)RAOUFINIA Arash
No	:WO 2013/133448	4)CASEY Ron
(61) Patent of Addition to	214	5)JINNO Junichi
Application Number	:NA	6)NAGAO Hiroyuki
Filing Date	:NA	7)DIEHL Donald
(62) Divisional to Application		8)PECORELLI Erik
Number	:NA	9)CARPANZANO Anthony
Filing Date	:NA	, , , , , , , , , , , , , , , , , , ,

(57) Abstract :

Provided is a sustained release oral solid preparation comprising aripiprazole or a salt thereof as an active ingredient described below and a method for producing the sustained release oral solid preparation. A sustained release oral solid preparation comprising aripiprazole or a salt thereof and a sustained release excipient the sustained release excipient comprising a gelling agent; at least one inert pharmaceutical diluent selected from the group consisting of monosaccharides disaccharides polyhydric alcohols and mixtures thereof; and a pharmaceutically acceptable cationic cross linking agent capable of crosslinking with the gelling agent and increasing the gel strength when the sustained release oral solid preparation is exposed to an environmental fluid the gelling agent comprising xanthan gum and locust bean gum the ratio of the xanthan gum to the locust bean gum in the gelling agent being about 1:1 to 1:3 by weight the ratio of the inert pharmaceutical diluent to the gelling agent being about 1:1 to 1:2 by weight.

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(21) Application No.6940/DELNP/2014 A

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

### (54) Title of the invention : RESORBABLE CELLULOSE BASED BIOMATERIAL AND IMPLANT

<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</li> </ul>	:PCT/US2013/027230 :22/02/2013	<ul> <li>(71)Name of Applicant :</li> <li>1)SYNTHES GMBH Address of Applicant :Eimattstrasse 3 CH 4436 Oberdorf Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)CZAJA Wojciech</li> <li>2)KYRYLIOUK Dmytro D.</li> </ul>
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA <sup>h</sup> :NA :NA	

(57) Abstract :

The present disclosure describes an implant for tissue replacement or augmentation including a resorbable non pyrogenic porous body of irradiated oxidized cellulose formed from a precursor reactive mixture of irradiated cellulose and an oxidizing agent where the body forms a heterogeneous three dimensional fibrillar network. Also disclosed is a method for producing a body of oxidized cellulose including irradiating a body of cellulose to form an irradiated body of cellulose and reacting the irradiated body of cellulose with an oxidizing agent to form a non pyrogenic porous and resorbable body of oxidized cellulose.

No. of Pages : 59 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :09/07/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : MAINTAINING SYSTEM FIRMWARE IMAGES REMOTELY USING A DISTRIBUTE FILE SYSTEM PROTOCOL

<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> <li>Filing Date</li> <li>(87) International Publication No</li> <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> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> <li>(63) Divisional to Application Number</li> <li>SNA</li> </ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)HEWLETT PACKARD DEVELOPMENT COMPANY</li> <li>L.P. Address of Applicant :11445 Compaq Center Drive W.</li> <li>Houston TX 77070 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)SPOTTSWOOD Jason</li> <li>2)CEPULIS Darren J.</li> </ul>
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### (57) Abstract :

Maintaining system firmware images remotely using a distributed file system protocol is described. A method of preserving a system firmware image on a computer includes identifying that system firmware on the computer is to be updated with a new image identifying an original image of the system firmware using a management processor of the computer establishing a network connection to a remote storage system through a network interface of the computer using the management processor sending the original image through the network connection to the remote storage system using a distributed file system protocol.

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

(21) Application No.5723/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/07/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : METHODS OF MICRO SPECIALIZATION IN DATABASE MANAGEMENT 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G06F17/30,G06F17/20 :61/630993 :23/12/2011 :U.S.A. :PCT/US2012/071468 :21/12/2012 :WO 2013/096894 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)THE ARIZONA BOARD OF REGENTS ON BEHALF</li> <li>OF THE UNIVERSITY OF ARIZONA <ul> <li>Address of Applicant :220 W. Sixth Street P.O. Box 210300</li> </ul> </li> <li>Tucson Arizona 85721 0300 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)DEBRAY Saumya K.</li> <li>2)SNODGRASS Richard T.</li> <li>3)ZHANG Rui</li> </ul> </li> </ul>
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### (57) Abstract :

Systems and methods for utilizing relation and query specific information to specialize DBMS code at runtime based on identifying runtime locally invariant variables. Runtime invariant is often of the form of variables in code that hold values that are constant during a portion of code execution. Micro specialization is applied to eliminate from the original program unnecessary code such as branching statements that reference local invariant(s) in branch condition evaluation. The resulting specialized code reduces the code complexity as well as significantly improves the runtime efficiency during code execution.

No. of Pages : 129 No. of Claims : 49

(19) INDIA

(22) Date of filing of Application :09/07/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : METHOD AND DEVICE FOR MOUNTING A ROTOR HUB ON A WIND TURBINE

(51) International classification	:B66C1/10,F03D1/00	(71)Name of Applicant :
(31) Priority Document No	:10 2012 201 088.2	1)WOBBEN PROPERTIES GMBH
(32) Priority Date	:25/01/2012	Address of Applicant :Dreekamp 5 26605 Aurich Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/076021	1)KNOOP Frank
Filing Date	:18/12/2012	2)KUIPER Gerrit
(87) International Publication No	:WO 2013/110417	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A rotor hub (1) on a wind turbine having a handling device for lifting the rotor hub (1) by means of a crane for mounting the rotor hub (1) on a nacelle (104) arranged on a wind turbine tower (102) wherein the handling device is prepared in such a way that when being lifted on a fastening segment (14) of the handling device the rotor hub (1) turns from a vertical alignment with a substantially vertical hub axis (28) to a horizontal alignment with a substantially horizontal hub axis (28).

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

(19) INDIA

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

(51) International classification	:H05B33/10	(71)Name of Applicant :
(31) Priority Document No	:61/582581	1)ZSINKO Andrew
(32) Priority Date	:03/01/2012	Address of Applicant :530 Wadsworth Road Medina Ohio
(33) Name of priority country	:U.S.A.	44256 U.S.A.
(86) International Application No	:PCT/IB2013/050037	2)MASTRIAN Shawn J.
Filing Date	:03/01/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2013/102859	1)ZSINKO Andrew
(61) Patent of Addition to Application	:NA	2)MASTRIAN Shawn J.
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (54) Title of the invention : ELECTROLUMINESCENT DEVICES AND THEIR MANUFACTURE

(57) Abstract :

A process for producing a conformal electroluminescent system. An electrically conductive base backplane film layer (16) is applied upon a substrate (12). A dielectric film layer (18) is applied upon the backplane film layer (16) then a phosphor film layer (20) is applied upon the dielectric film layer (18). An electrode film layer (22) is applied upon the phosphor film layer (20) using a substantially transparent electrically conductive material. An electrically conductive bus bar (24) may be applied upon the electrode film layer (22). Preferably the backplane film layer (16) dielectric film layer (18) phosphor film layer (20) electrode film layer (22) and bus bar (24) are aqueous based and are applied by spray conformal coating.

No. of Pages : 36 No. of Claims : 18

(22) Date of filing of Application :20/08/2014

# (54) Title of the invention : REINFORCED THERMOPLASTIC ARTICLES COMPOSITIONS FOR THE MANUFACTURE OF THE ARTICLES METHODS OF MANUFACTURE AND ARTICLES FORMED THEREFROM

<ul><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:61/610234 :13/03/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)SABIC INNOVATIVE PLASTICS IP B.V. Address of Applicant :Plasticslaan 1 NL 4612PX Bergen op Zoom Netherlands</li> <li>(72)Name of Inventor :</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:06/03/2013	1)LOWERY Daniel F.
No (61) Patent of Addition to Application Number Filing Date	:WO 2013/138135 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract :

A composition for the manufacture of a porous compressible article the composition comprising a combination of: a plurality of reinforcing fibers; a plurality of polysulfone fibers; and a plurality of polymeric binder fibers; wherein the polymeric binder fibers have a melting point lower than the polysulfone fibers; methods for forming the porous compressible article; and articles containing the porous compressible article. An article comprising a thermoformed dual matrix composite is also disclosed wherein the composite exhibits a time to peak release as measured by FAR 25.853 (OSU test) a 2 minute total heat release as measured by FAR 25.853 (OSU test) and an NBS optical smoke density of less than 200 at 4 minutes determined in accordance with ASTM E 662 (FAR/JAR 25.853).

No. of Pages : 41 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 10/04/2015

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:H04M 15/00 :200910189926.9 :01/09/2009	<ul> <li>(71)Name of Applicant :</li> <li>1)ZTE CORPORATION</li> <li>Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH,</li> </ul>
(33) Name of priority country	:China	HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT,
(86) International Application No		SHENZHEN CITY, GUANGDONG PROVINCE 518057, P.R.
Filing Date (87) International Publication No	:01/07/2010 :WO 2011/026379	CHINA China (72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)ZHANG, NANJUN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : VALUE-ADDED SERVICE CHARGING METHOD AND CHARGING SYSTEM

### (57) Abstract :

The technical scheme discloses a value-added service billing method, comprising a process of calculating service charges. The process of calculating service charges specifically comprises the following steps: configuring a billing scheme corresponding to the value-added service, wherein the billing scheme includes billing conditions and billing rates; querying the billing schemes according to the billing property of the current service and calculating the service charge by using a billing rate of a billing scheme that meets the billing conditions. The technical scheme also discloses a value-added service billing system. In the technical scheme, configuring billing schemes corresponding to the value-added service, and determining the billing scheme which can be used by querying the billing schemes according to the billing property, so that the query and the configuration of the billing schemes are separated from the service self, and when a new billing scheme is added, calculation of the value-added service can be realized through configuration without modifying or updating the service.

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

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 10/04/2015

### (54) Title of the invention : N-ALKOXYCARBOXAMIDES AND THEIR USE AS MICROBIOCIDES

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C07D 231/14 :1760/DEL/2009 :25/08/2009 :India :PCT/EP2010/062206 :23/08/2010 :WO 2011/023645 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SYNGENTA PARTICIPATIONS AG <ul> <li>Address of Applicant :SCHWARZWALDALLEE 215, CH-</li> </ul> </li> <li>4058 BASEL, SWITZERLAND <ul> <li>(72)Name of Inventor :</li> <li>1)WALTER HARALD</li> <li>2)RAJAN RAMYA</li> <li>3)STIERLI DANIEL</li> </ul> </li> </ul>
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(57) Abstract :

Compounds of formula (I) in which the substituents are as defined in claim 1, are suitable for use as microbiocides.

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

(19) INDIA

(22) Date of filing of Application :09/02/2012

### (43) Publication Date : 10/04/2015

E COMPOSITION	
:A61K 8/34	(71)Name of Applicant :
:NA	1)COLGATE-PALMOLIVE COMPANY
:NA	Address of Applicant :300 PARK AVENUE, NEW YORK
:NA	NY 10022 U.S.A. U.S.A.
:PCT/US2009/053500	(72)Name of Inventor :
:12/08/2009	1)SCHAEFFER-KORBYLO LYNDSAY
:WO 2011/019342	2)MORGAN ANDRE' MICHELLE
:NA	3)MIKSA DAVIDE 4)DU-THUMM LAURENCE
:NA	5)PRENCIPE MICHAEL
:NA	6)SZEWCZYK GREGORY
:NA	7)ARVANITIDOU EVANGELIA STELIOS
	:NA :NA :NA :PCT/US2009/053500 :12/08/2009 :WO 2011/019342 :NA :NA :NA

## (54) Title of the invention : ORAL CARE COMPOSITION

(57) Abstract :

Disclosed are oral care compositions and the use of such oral care compositions for treating conditions caused by biofilm formation. Also disclosed are methods for inhibiting biofilm formation and/or degrading biofilm. The oral care composition includes a sesquiterpenoid and an antimicrobial agent, in which the sesquiterpenoid and the antimicrobial agent are present in an amount effective to inhibit and/or degrade a biofilm in the oral cavity.

No. of Pages : 33 No. of Claims : 23

### (19) INDIA

(22) Date of filing of Application :08/02/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : METHODS AND SYSTEMS FOR CONTROLLING AN INFORMATION DISPLAY (51) International classification :G06K (71)Name of Applicant : (31) Priority Document No 1)GENERAL ELECTRIC COMPANY :61/441477 (32) Priority Date Address of Applicant :1 RIVER ROAD, SCHENECTADY, :10/02/2011 NEW YORK 12345, U.S.A. U.S.A. (33) Name of priority country :U.S.A. (86) International Application No (72)Name of Inventor : :NA 1) GREEN, SHARON ANN Filing Date :NA (87) International Publication No :NA 2)SCHRAUBEN, ANDREW THOMAS (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A vehicle instrument system (24) is described. The vehicle instrument system includes an input device (34) configured to receive an input command, a display screen (26) configured to display information, and a processing device (30) coupled to the input device and the display screen. The processing device is configured to determine at least one parameter limit (60, 62), receive at least one input signal from the input device that corresponds to a manual adjustment of the at least one parameter limit from a first limit value to a second limit value, and provide the second limit value to the display screen for display on the display screen.

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

(19) INDIA

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : GASTRORETENTIVE TABLETS		
<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A61K9/20,A61K31/197 :250/DEL/2012 :30/01/2012 :India :PCT/IB2013/050764 :29/01/2013 :WO 2013/114283 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)RANBAXY LABORATORIES LIMITED Address of Applicant :Head Office: 12th Floor Devika Tower 06 Nehru Place New Delhi Delhi 110019 Delhi India (72)Name of Inventor :</li> <li>1)KUMAR Varinder</li> <li>2)AHMAD Shavej</li> <li>3)SINGH Romi Barat</li> </ul>

(57) Abstract :

The present invention relates to a gastroretentive tablet comprising pregabalin, at least one swellable polymer, and other pharmaceutically acceptable excipients. It further relates to a process for the preparation of same.

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

(19) INDIA

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

### (54) Title of the invention : INJECTION MOLD HAVING A SIMPLIFIED COOLING SYSTEM

(51) International classification	:B29C45/73	(71)Name of Applicant :
(31) Priority Document No	:61/602781	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:24/02/2012	Address of Applicant :One Procter & Gamble Plaza Cincinnati
(33) Name of priority country	:U.S.A.	OH 45202 U.S.A.
(86) International Application No	:PCT/US2013/027353	(72)Name of Inventor :
Filing Date	:22/02/2013	1)ALTONEN Gene Michael
(87) International Publication No	:WO 2013/126723	2)NEUFARTH Ralph Edwin
(61) Patent of Addition to Application	:NA	3)STEVENS John Boyet
Number	:NA	4)PROSISE Robert Lawrence
Filing Date	.INA	5)POLAND James Edward
(62) Divisional to Application Number	:NA	6)LAYMAN John Moncrief
Filing Date	:NA	7)LUMPKIN Danny David

(57) Abstract :

An injection mold assembly for a high output consumer product injection molding machine the injection mold assembly having a simplified cooling system. The simplified cooling system has a cooling complexity factor of less than three preferably less than two more preferably less than one.

No. of Pages : 53 No. of Claims : 15

## (12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

(54) Title of the invention : A NUCLEOTIDE SEQUENCE ENCODING FARNESYL PYROPHOSPHATE SYNTHASE FROM MANGO

(51) International classification	:C12N	(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)VIDYA SHRIKANT GUPTA
(61) Patent of Addition to Application Number	:NA	2)RAM SHRIDHAR KULKARNI
Filing Date	:NA	3)SAGAR SUBHASH PANDIT
(62) Divisional to Application Number	:NA	4)ASHOK PRABHAKAR GIRI
Filing Date	:NA	5)KESHAV H PUJARI

(57) Abstract :

The present invention discloses primers for amplifying farnesyl pyrophosphate synthase gene, having sequence selected from the group consisting of Seq Id. nos.1-3 and 5-7, from mango. Also disclosed herein is a novel nucleotide sequence of sequence ID no. 8 encoding said amplified farnesyl pyrophosphate synthase (FPPS) for enzyme production in an artificial system thus generating the desired flavor in food products.

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

(19) INDIA

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : SYSTEM AND METHOD FOR PERFORMANCE REVIEW IN SELF-MANAGED SCRUM TEAMS (51) International classification :G11B (71)Name of Applicant : (31) Priority Document No **1)UNISYS CORPORATION** :NA (32) Priority Date Address of Applicant :1 UNISYS WAY, BLUE BELL, PA :NA (33) Name of priority country :NA 19424. U.S.A. U.S.A. (86) International Application No (72)Name of Inventor : :NA Filing Date :NA **1)MILIND HALAGERI** (87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA

:NA

### (57) Abstract :

Filing Date

A computer-implemented method for computing appraisal information concerning an individual, comprises receiving, by a server, questionnaire responses evaluating the individual from a plurality of client devices, the questionnaire responses including (i) self evaluation responses, by the individual, to a plurality of questions and (ii) peer evaluation responses, by peers of the individual, to the plurality of questions; computing appraisal information from the questionnaire responses, by: (i) for each question, computing an aggregate peer evaluation from peer evaluation responses corresponding to that question; and (ii) for each question, computing a metric indicative of a discrepancy between a self perception of the individual's performance as indicated in the self evaluation response corresponding to that question and a peer perception of the individual's performance as indicated in the aggregate peer evaluation corresponding to that question, the appraisal information including the computed metric; and initiating the computed appraisal information to be transmitted from the server to an electronic display device.

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

(12) PATENT APPLICATION PUBLICATION (21) Application No.6960/DELNP/2014 A (19) INDIA (22) Date of filing of Application :19/08/2014 (43) Publication Date : 10/04/2015 (54) Title of the invention : METHODS OF REDIRECTING NETWORK FORWARDING ELEMENTS AND RELATED FORWARDING ELEMENTS AND CONTROLLERS (51) International classification :H04L12/701,H04L29/08 (71)Name of Applicant : (31) Priority Document No 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) :13/369993 (32) Priority Date Address of Applicant :S 164 83 Stockholm Sweden :09/02/2012 (33) Name of priority country (72)Name of Inventor : :U.S.A. (86) International Application No 1)MANGHIRMALANI Ravi :PCT/IB2013/050946 Filing Date :04/02/2013 2)SUBRAHMANIAM Ramesh (87) International Publication No :WO 2013/118049 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract :

Filing Date

A method of connecting a network forwarding element may include transmitting a first connection request from the forwarding element to a first network controller. After transmitting the first connection request a rejection message may be received from the first network controller at the network forwarding element with the rejection message being responsive to the first connection request and with the rejection message including an address of a second network controller. Responsive to receiving the rejection message a second connection request may be transmitted from the network forwarding element to the second network controller. Related forwarding elements and controllers are also discussed.

:NA

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

# (54) Title of the invention : SOLDER JOINT STRUCTURE POWER MODULE HEAT SINK ATTACHED SUBSTRATE FOR POWER MODULE METHOD FOR PRODUCING SAID SUBSTRATE AND PASTE FOR FORMING SOLDER UNDERLAYER

<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>	:H01L23/40,B23K1/00,B23K1/19 :2012029646 :14/02/2012 :Japan	<ul> <li>(71)Name of Applicant :</li> <li>1)MITSUBISHI MATERIALS CORPORATION Address of Applicant :3 2 Otemachi 1 chome Chiyoda ku Tokyo 1008117 Japan</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:PCT/JP2013/053488 :14/02/2013 :WO 2013/122126	<ul> <li>(72)Name of Inventor :</li> <li>1)NISHIMOTO Shuji</li> <li>2)NISHIKAWA Kimihito</li> <li>3)NAGATOMO Yoshiyuki</li> </ul>
No (61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A solder joint structure a power module utilizing the joint structure a heat sink attached substrate for a power module a method for producing the substrate and a paste for forming a solder underlayer. The paste is arranged on a metallic member and then fired thereby reacting with an oxide coating film generated on the surface of the metallic member to form a solder underlayer on the metallic member. In this manner it becomes possible to prevent the formation of swells or wrinkles on the surface of an aluminum member and it also becomes possible to improve the reliability of the joint between the aluminum member and a member to be joined to the aluminum member even under applying a power cycle or a heat cycle.

No. of Pages : 54 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(19) INDIA

(22) Date of filing of Application :19/08/2014

### (43) Publication Date : 10/04/2015

### (54) Title of the invention : PACKING MATERIAL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(30/03/2012</li> <li>(33) Name of priority country</li> <li>(33) Name of priority country</li> <li>(36) International</li> <li>Application No</li> <li>Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to</li> <li>Application Number Filing Date</li> <li>(63) Divisional to</li> <li>(64) Patent of Addition to</li> <li>(65) Divisional to</li> <li>(66) Divisional to</li> <li>(66) Date</li> <li>(67) Divisional to</li> <li>(68) Date</li> <li>(69) Divisional to</li> <li>(60) Divisional to</li> <li>(61) Patent of Patent of</li></ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)SEKISUI PLASTICS CO. LTD. Address of Applicant :4 4 Nishitenma 2 chome Kita ku Osaka shi Osaka 5308565 Japan</li> <li>(72)Name of Inventor :</li> <li>1)MIURA Osamu</li> <li>2)KAWASAKI Yoshimasa</li> <li>3)MORIMOTO Kazuhiro</li> </ul>
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## (57) Abstract :

This packing material is provided with: support parts (4a 4b) having concavities (11a 11b) in which a shape for accommodating and holding an item to be packed (W) is formed therein; and accommodation part bodies (5a 5b) capable of having the support parts mounted thereto. Furthermore the support parts are detachably positioned on the accommodation part bodies and can be exchanged with other support parts having concavities corresponding to the shapes of items to be packed which have other shapes. The present invention makes it possible to provide a packing material which can easily be used when packing items to be packed which have different shapes.

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

(19) INDIA

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : CHILD MACHINE OF POWER MANAGEMENT SYSTEM AND POWER MANAGEMENT SYSTEM (51) International classification :H04Q9/00,H02J13/00 (71)Name of Applicant : (31) Priority Document No :2012045770 1)PANASONIC CORPORATION (32) Priority Date Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka :01/03/2012 (33) Name of priority country :Japan 5718501 Japan (86) International Application No (72)Name of Inventor : :PCT/JP2013/001137 **1)YAMAMOTO Shinii** Filing Date :26/02/2013 (87) International Publication No :WO 2013/128903 2)KOYAMA Masaki (61) Patent of Addition to Application 3)SASAKI Takayuki :NA Number 4)MIZUTA Tomoaki :NA Filing Date 5)FURUYA Tomohide (62) Divisional to Application Number :NA 6)KUNIYOSHI Kenji Filing Date

### (57) Abstract :

This child machine is used in a power management system in which meter reading data from an power meter is accumulated said power meter measuring the amount of electricity supplied from a power supply to a predetermined location over an electricity distribution line. The child machine is provided with: a first interface unit that communicates with a superior device; a second interface unit that communicates with an electrical appliance installed in the aforementioned predetermined location; and a third interface unit that carries out a first wireless communication which uses electric waves with a communication terminal. One among the first interface unit and the second interface unit is a wired communication unit that carries out power line carrier communication using the electricity distribution line and the other among the first interface unit and the second interface unit is a wireless communication unit that carries out a second wireless communication which uses electric waves.

:NA

No. of Pages : 73 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : PROGRAMMABLE PERIPHERAL UNIT

(51) International classification	:G05B15/02,H04W84/20,F24F11/00	(71)Name of Applicant : 1)SCL ELEMENTS INC.
(31) Priority Document No	:61/589831	Address of Applicant :5800 Saint Denis Bureau 222 Montreal
(32) Priority Date	:23/01/2012	Qubec H2S 3L5 Canada
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/CA2013/000064 :23/01/2013	1)CARON Simon 2)MONSARRAT CHANON Hami 3)LEBLOND Simon
(87) International Publication No	<sup>1</sup> :WO 2013/110178	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The embodiments describe programmable peripheral units for use in a building automation system. The programmable peripheral units communicate with controllers and other system components. The programmable peripheral units have end device components to actuate the building environment.

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

(19) INDIA

(22) Date of filing of Application :19/08/2014

### (43) Publication Date : 10/04/2015

(54) Title of the invention : OFFLINE PC	OWER SUPPLY	
<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H02H7/125 :NA :NA :NA :PCT/US2012/023465 :01/02/2012 :WO 2013/115814 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SCHNEIDER ELECTRIC IT CORPORATION Address of Applicant :132 Fairgrounds Road West Kingston RI 02892 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)WARE Gary R.</li> </ul>

(57) Abstract :

According to one aspect embodiments of the invention provide a power supply system comprising an input line configured to receive input AC power a rectifier having an input coupled to the input line and an output a switch having a first end coupled to the output of the rectifier and a second end selectively coupled to an inductor a capacitor coupled to the inductor and control circuitry coupled to the inductor and the capacitor wherein the control circuitry is configured to control the switch to selectively couple the output of the rectifier to the inductor to generate a first DC power level operate in a first mode of operation while receiving the first DC power level detect a phase angle of the rectified AC power and transition into a second mode of operation in response to detection of the phase angle.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : METHOD FOR CONFIGURING A WIND ENERGY INSTALLATION AND WIND ENERGY INSTALLATION

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:F03D7/04,G06F21/12 :10 2012 204 446.9 :20/03/2012 :Germany :PCT/EP2013/055353 :15/03/2013 :WO 2013/139692 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)WOBBEN PROPERTIES GMBH Address of Applicant :Dreekamp 5 26605 Aurich Germany</li> <li>(72)Name of Inventor :</li> <li>1)BOHLEN Werner Hinrich</li> <li>2)GIERTZ Helge</li> <li>3)SCHELLSCHMIDT Martin</li> </ul>
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(57) Abstract :

The invention relates to a method for configuring a wind energy installation (100) comprising the steps of selecting predetermined parameters associated with the wind energy installation (100) from a control database (6) for configuring the wind energy installation (100) storing the selected parameters on a mobile data storage medium (8) transmitting the selected parameters from the mobile data storage medium (8) to the wind energy installation (100) implementing the selected parameters in the wind energy installation (100) reading the parameters implemented in the wind energy installation (100) from a monitoring device (11) networked to the wind energy installation (100) and to the control database (6) and comparing the parameters which have been read with the predetermined parameters associated with the wind energy installation (100) and stored in the control database (6).

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

(19) INDIA

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

<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>	:10 2012 004 267.1 :02/03/2012 :Germany	<ul> <li>(71)Name of Applicant :</li> <li>1)EMITEC GESELLSCHAFT FR</li> <li>EMISSIONSTECHNOLOGIE MBH</li> <li>Address of Applicant :Hauptstrae 128 53797 Lohmar</li> </ul>
(86) International Application No	:PCT/EP2013/054065	5
Filing Date	:28/02/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2013/127936	1)HIRTH Peter
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)BAUER Peter 3)HODGSON Jan
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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### (54) Title of the invention : METHOD FOR OPERATING A HEATING CATALYST

(57) Abstract :

The invention relates to a method for operating an exhaust gas treatment device (1) comprising an electric heater (2) for heating an exhaust gas flow in the exhaust gas treatment device (1) and/or a surface (25) in the exhaust gas treatment device (1) and comprising a feeding point (3) for feeding an additive into the exhaust gas treatment device (1) so that the additive impinges upon the electric heater (2). In step a) additives are supplied to the supply point (3). In step b) an operational state (4) of the exhaust gas treatment device (1) is determined using at least one state variable (5) in which deposits can impinge upon the electric heater (2). In step c) a clock frequency (6) is determined in accordance with the operational state (4) when the operational state (4) established in step b) lies in a predetermined operational state range (7). In step d) a clocked activation and deactivation of the electric heater (2) takes place using the determined clock frequency (6) when the operational state (4) determined in step b) lies in the predetermined operational state range (7).

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

### (19) INDIA

(22) Date of filing of Application :19/08/2014

### (43) Publication Date : 10/04/2015

(54) Title of the invention : EXHAUST G	AS DESULFURIZER	
<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filed on</li> </ul> </li> </ul>	:B01D47/06 :2007-292389 :09/11/2007 :Japan	<ul> <li>(71)Name of Applicant :</li> <li>1)MITSUBISHI HEAVY INDUSTRIES, LTD. Address of Applicant :16-5, Konan 2-chome, Minato-ku, Tokyo 108-8215, Japan</li> <li>(72)Name of Inventor :</li> <li>1)SONODA, Keisuke</li> <li>2)NAGAO, Shozo</li> <li>3)TSUCHIYAMA, Yoshihiko</li> <li>4)AKIYAMA, Tomoo</li> </ul>

### (57) Abstract :

Exhaust Gas Desulfurizer To provide a liquid-column type exhaust gas desulfurizer which realizes flexible response in which the increase of costs and work periods is suppressed to the minimum when the change of various conditions such as desulfurization performance, field control and the like are performed. In the liquid-column type exhaust gas desulfurizer performing desulfurization by allowing gas-liquid contact to generate between absorbing solution spouted from liquid column nozzles (20) and falling down inside a desulfurization tower and combustion exhaust gas rising from a lower part of the desulfurization tower, an outlet tip (30) which differs in a flow velocity or a spouting pattern of absorbing solution is installed at a tip portion of the liquid column nozzle (20) so as to be detachable.

No. of Pages : 46 No. of Claims : 1

(19) INDIA

(22) Date of filing of Application :19/08/2014

### (43) Publication Date : 10/04/2015

(54) Title of the invention : INTEGRATE	ED IMPLANT	
<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>	:A61B17/88 :61/609221 :09/03/2012 :U.S.A. :PCT/US2013/029934 :08/03/2013 :WO 2013/134670 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SI BONE INC. Address of Applicant :3055 Olin Avenue Suite 2200 San Jose CA 95128 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)MAULDIN Richard G.</li> <li>2)REILEY Mark A.</li> </ul>

(57) Abstract :

An implant having an integrated cutting broach and/or cutting burr. The integrated implant may be inserted without requiring separate steps for drilling and broaching bone. The integrated implant assembly may include an integrated implant a flexible sheath a delivery rod and a delivery pin. The implant may have a core which may have any of a variety of cross sectional geometries. A method for fusing bone may involve inserting the implant laterally through the ilium through the sacral iliac joint and into the sacrum.

No. of Pages : 47 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

(31) Priority Document No22(32) Priority Date22(33) Name of priority country32(36) International Application No31Filing Date32(87) International Publication No34(61) Patent of Addition to Application31Number31Filing Date31(62) Divisional to Application Number31	201210305550.5 24/08/2012 China PCT/CN2013/080635 01/08/2013	<ul> <li>(71)Name of Applicant : <ol> <li>TENCENT TECHNOLOGY (SHENZHEN) COMPANY</li> </ol> </li> <li>LIMITED <ul> <li>Address of Applicant :Room 403 East Block 2 SEG Park</li> </ul> </li> <li>Zhenxing Road Futian District Shenzhen Guangdong 518000</li> <li>China <ul> <li>(72)Name of Inventor : <ul> <li>1)LUO Gucai</li> <li>2)FAN Jin</li> <li>3)CUI Zhaokun</li> <li>4)HUANG Fei</li> </ul> </li> </ul></li></ul>
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## (54) Title of the invention : METHOD AND SYSTEM FOR PUSHING MESSAGE BOX

(57) Abstract :

The present disclosure relates to method and system for pushing a message box. The method includes sending by a server a data unique notification to a client when the server needs to send a message box; sending a message box receiving request having an identity to the server after receiving the data unique notification; pushing by the server data of the message box to the client after verifying the identity. By means of elaborate operations such as the identity a keep alive communication mechanism and an active pushing mechanism as required which is controlled by the server the present disclosure solves the problem of delay for pushing the message box controls the risk of being attacked and lowers the pressure to a pushing server brought by real time pushing.

No. of Pages : 26 No. of Claims : 18

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : ELECTRICAL INSULATION PAPER METHODS OF MANUFACTURE AND ARTICLES MANUFACTURED THEREFROM

<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 <ul> <li>Filing Date</li> <li>(87) International Publication</li> </ul> </li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> </ul> </li> </ul>	:PCT/US2013/034526 :29/03/2013 :WO 2013/149104 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SABIC INNOVATIVE PLASTICS IP B.V. Address of Applicant :Plasticslaan 1 NL 4612PX Bergen op Zoom Netherlands</li> <li>(72)Name of Inventor :</li> <li>1)KRAHN John Raymond</li> </ul>
Filing Date	:NA	

## (57) Abstract :

Fibrous substrates containing polyetherimides and other synthetic fibers are disclosed along with methods of preparing electrical insulation paper and articles comprising the fibrous substrates.

No. of Pages : 41 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

(51) International classification	:F01D9/02,F02C3/14	(71)Name of Applicant :
(31) Priority Document No	:13/419603	1)SIEMENS ENERGY INC.
(32) Priority Date	:14/03/2012	Address of Applicant :4400 Alafaya Trail Orlando FL 32826
(33) Name of priority country	:U.S.A.	2399 U.S.A.
(86) International Application No	:PCT/US2013/027089	(72)Name of Inventor :
Filing Date	:21/02/2013	1)MORRISON Jay A.
(87) International Publication No	:WO 2013/138041	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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## (54) Title of the invention : ARRANGEMENT FOR DELIVERING COMBUSTION GAS

(57) Abstract :

An arrangement (100) for delivering combustions gas from a plurality of combustors onto a first row of turbine blades along respective straight gas flow paths including: a hoop structure (104) at a downstream end of the arrangement and defining at least part of an annular chamber (24); and a plurality of discrete ducts (102) each disposed between a respective combustor and the hoop structure (104). Each duct (102) is secured to the hoop structure (104) at a respective duct joint (1 16). The hoop structure (104) includes a quantity of hoop segments (105 130 132) that is less than a quantity of ducts (102).

No. of Pages : 22 No. of Claims : 16

(21) Application No.6984/DELNP/2014 A

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : EXHAUST MANAGEMENT STRATEGIES FOR OPPOSED PISTON TWO STROKE ENGINES

<ul> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application Nor- Filing Date</li> <li>(87) International Publication Nor- (61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:61/634168 :21/02/2012 :U.S.A. :PCT/US2013/026737 :19/02/2013	<ul> <li>(71)Name of Applicant : <ol> <li>ACHATES POWER INC.</li> <li>Address of Applicant :4060 Sorrento Valley Boulevard San Diego CA 92121 U.S.A.</li> </ol> </li> <li>(72)Name of Inventor : <ol> <li>KALEBJIAN Christopher J.</li> <li>NAIK Suramya D.</li> <li>REDON Fabien G.</li> </ol> </li> </ul>
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(57) Abstract :

Exhaust temperature management strategies for an opposed piston two stroke engine with EGR are based on control of a ratio of the mass of fresh air and external EGR delivered to a cylinder to the mass of the trapped charge (density of the delivered charge multiplied by the trapped volume at port closing).

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

## (22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : SUGARCANE BACILLIFORM VIRAL (SCBV) ENHANCER AND ITS USE IN PLANT FUNCTIONAL GENOMICS

(51) International classification	:C12N15/82	(71)Name of Applicant :
(31) Priority Document No	:61/605147	1)DOW AGROSCIENCES LLC
(32) Priority Date	:29/02/2012	Address of Applicant :9330 Zionsville Road Indianapolis IN
(33) Name of priority country	:U.S.A.	46268 U.S.A.
(86) International Application No	:PCT/US2013/028331	(72)Name of Inventor :
Filing Date	:28/02/2013	1)OWENS MERLO Patricia Ann
(87) International Publication No	:WO 2013/130813	2)LARSEN Cory
(61) Patent of Addition to Application	:NA	3)BEVAN Scott A.
Number	.NA :NA	4)DAVIES John P.
Filing Date	.INA	5)REDDY Vaka S.
(62) Divisional to Application Number	:NA	6)AINLEY William Michael
Filing Date	:NA	7)THOMPSON Mark Allen
		· · · · · · · · · · · · · · · · · · ·

## (57) Abstract :

Identification of new enhancer sequence has significant utility in the plant functional genomics. The sugarcane bacilliform badnavirus (SCBV) transcriptional enhancer has been identified. This enhancer can be used to increase the rate of transcription from gene promoters and in activation tagging experiments. A ten fold increase in transcription was observed when a 4x array of the SCBV enhancer was placed upstream of a truncated form of the maize alcohol dehydrogenase minimal promoter. Methods of using the SCBV transcriptional enhancer are described as are chimeric transcription regulatory regions constructs cells tissues and organisms that comprise one or more copies of the enhancer.

No. of Pages : 87 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :20/08/2014

## (43) Publication Date : 10/04/2015

### (54) Title of the invention : NEUROSURGICAL APPARATUS

(51) International classification:A61M25/02,A61B19/00,A61B17/3(31) Priority Document No (32) Priority Date:1203426.0(32) Priority Date:28/02/2012(33) Name of priority country:U.K.(86) International Application No Filing Date:PCT/EP2013/053972(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2013/127884(87) International Filing Date:NA :NA(62) Divisional to Filing Date:NA :NA(62) Divisional to Filing Date:NA :NA	<ul> <li>4 (71)Name of Applicant : 1)RENISHAW PLC Address of Applicant :New Mills Gloucestershire Wotton under Edge Gloucestershire GL12 8JR U.K. (72)Name of Inventor : 1)GILL Steven 2)ANTALFY Attila</li> </ul>
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## (57) Abstract :

Neurosurgical apparatus is described that comprises a guide device (60) and a neurosurgical instrument (40). The guide device includes a tube (66) for insertion into the brain of a subject and a head (64) attached to the proximal end of the tube (66) for affixing the guide device (60) to a hole formed in the skull. The head has a passageway (70) therethrough in communication with the bore of the tube (66) such that the bore of the tube and the passageway (70) through the head (64) define an internal channel through which a neurosurgical instrument (40) can be passed into the brain (10) of the subject. The neurosurgical instrument (40) such as a catheter is for insertion to a desired brain target through the internal channel of the guide device (60). The apparatus comprises one or more sealing elements (50 72) for providing a substantially fluid tight seal between the internal channel of the guide device (60) and the exterior of the neurosurgical instrument (40) when inserted therein. This prevents fluid leakage from guide tube.

No. of Pages : 24 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : PUMPING DEVICE HAVING IMPROVED EMPTYING DETECTION FEATURES

Filing Date:01/02/20131)CHAPPEL Eric(87) International Publication No:WO 2013/1143312)NEFTEL Frdric(61) Patent of Addition to Application:NA:NANumber:NA:NA	<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:12153541.3 :01/02/2012 :EPO :PCT/IB2013/050868 :01/02/2013 :WO 2013/114331 :NA :NA	
(62) Divisional to Application Number :NA Filing Date :NA	(62) Divisional to Application Number		

(57) Abstract :

Sensor for dynamically detecting the residual fluid volume V of a collapsible reservoir  $(1 \ 3)$  characterized by the fact that it is adapted to detect a threshold pressure P which corresponds to a phase within said reservoir  $(1 \ 3)$  when only said residual fluid volume V remains said residual volume V corresponding to a safety volume sufficient to ensure a safety margin to alert the user before the reservoir  $(1 \ 3)$  is empty.

No. of Pages : 43 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

(51) International classification	:G05B19/05	(71)Name of Applicant :
(31) Priority Document No	:PA 2012 00133	1)DANFOSS A/S
(32) Priority Date	:21/02/2012	Address of Applicant :Nordborgvej 81 DK 6430 Nordborg
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2013/000016	(72)Name of Inventor :
Filing Date	:16/02/2013	1)MADSEN Kenneth Bang
(87) International Publication No	:WO 2013/123941	2)NIELSEN Leif Skovvang
(61) Patent of Addition to Application	:NA	3)SCHMIDT Flemming Morten
Number		4)SCHMIDT Frede
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (54) Title of the invention : METHOD FOR CONFIGURING A REFRIGERATION SYSTEM

(57) Abstract :

The invention relates to a method for configuring on a control unit operating parameters of a plurality of devices of a refrigeration system. A user selects on the control unit among the plurality of devices of the refrigeration system a first device to configure. Information of valid configurable operating parameters of the first device is provided on the control unit. The user selects at least one of the valid configurable operating parameters of the first device thereby configuring the first device. Information stored about operating parameters of the refrigeration system based on the configuration of the first device is then provided on the control unit. Finally the user confirms on the control unit one or more operating parameters of one or more of the other devices thereby configuring the one or more other devices. The invention also relates to a control unit and a refrigeration system.

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

(19) INDIA

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : DEVICE FOR REINFORCING A FLOOR OF A VEHICLE PROVIDED WITH TORSION BARS AND VEHICLE PROVIDED WITH SUCH A 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:1200994 :03/04/2012 :France :PCT/FR2013/050729 :02/04/2013 :WO 2013/150239 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NEXTER SYSTEMS <ul> <li>Address of Applicant :34 Boulevard de Valmy F 42328</li> </ul> </li> <li>ROANNE Cedex France <ul> <li>(72)Name of Inventor :</li> <li>1)GERMENOT Olivier</li> </ul> </li> </ul>
Filing Date	:NA	

(57) Abstract :

The invention concerns a device for reinforcing a floor (101b) of a vehicle (100) against the effects of exploding mines (200) the vehicle (100) comprising at least one torsion bar (10) disposed under said floor (101b) the device being characterised in that it comprises at least one retaining means (1) intended to be secured to the lower face of the floor (101b) the retaining means (1) being formed from a flange (2) comprising at least one opening intended to surround a lower portion of at least one torsion bar (10).

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

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : PROCESS FOR REMOVING NITROGEN FROM FUEL STREAMS WITH CAPROLACTAMIUM IONIC LIQUIDS

<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>	:C10G21/27 :13/429596 :26/03/2012 :U.S.A. :PCT/US2013/032748 :18/03/2013 :WO 2013/148387 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)UOP LLC Address of Applicant :25 East Algonquin Road P. O. Box 5017 Des Plaines Illinois 60017 5017 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)SERBAN Manuela</li> <li>2)LEVY Alan B.</li> <li>3)TANG Lihao</li> <li>4)BHATTACHARYYA Alakananda</li> </ul>
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## (57) Abstract :

A process for removing a nitrogen compound from a fuel feed such as vacuum gas oil or diesel fuel wherein the process includes contacting the fuel feed comprising the nitrogen compound with a fuel immiscible caprolactamium ionic liquid to produce a fuel and fuel immiscible caprolactamium ionic liquid mixture and separating the mixture to produce a vacuum gas oil or a diesel effluent having a reduced nitrogen content relative to the vacuum gas oil or diesel feed. The invention provides an alternate use for caprolactamium ionic liquid that is produced in large quantities for the manufacture of caprolactam.

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

(19) INDIA

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

:C10G11/18	(71)Name of Applicant :
:13/425657	1)UOP LLC
:21/03/2012	Address of Applicant :25 East Algonquin Road P. O. Box
:U.S.A.	5017 Des Plaines Illinois 60017 5017 U.S.A.
:PCT/US2013/028497	(72)Name of Inventor :
:01/03/2013	1)PALMAS Paolo
:WO 2013/142026	
·NIA	
:NA	
:NA	
:NA	
	:13/425657 :21/03/2012 :U.S.A. :PCT/US2013/028497 :01/03/2013 :WO 2013/142026 :NA :NA :NA

## (54) Title of the invention : PROCESS AND APPARATUS FOR FLUID CATALYTIC CRACKING

(57) Abstract :

One exemplary embodiment can be a process for fluid catalytic cracking. The process can include sending a first catalyst from a first riser reactor and a second catalyst from a second riser reactor to a regeneration vessel having a first stage and a second stage. The first catalyst may be sent to the first stage and the second catalyst may be sent to the second stage of the regeneration vessel. Generally the first stage is positioned above the second stage.

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

(19) INDIA

(22) Date of filing of Application :10/07/2014

## (43) Publication Date : 10/04/2015

<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</li> <li>Application Number Filing Date</li> <li>(62) Divisional to Application</li> <li>Number Filing Date</li> </ul>	:29/01/2013	<ul> <li>(71)Name of Applicant :</li> <li>1)MITSUBISHI MATERIALS CORPORATION Address of Applicant :3 2 Otemachi 1 chome Chiyoda ku Tokyo 1008117 Japan</li> <li>(72)Name of Inventor :</li> <li>1)TARI Kazuyoshi</li> <li>2)ISHIKAWA Mototaka</li> <li>3)SHIRATA Keiji</li> <li>4)NAKAMURA Kenzo</li> </ul>
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## (54) Title of the invention : INFRARED SENSOR

(57) Abstract :

Provided is an infrared sensor with which highly precise temperature measurement of a subject to be measured is possible without wrecking a thermal balance even when lead lines are connected to one side. The infrared sensor comprises: an insulation film (2); a first heat sensitive element (3A) and a second heat sensitive element (3B) which are disposed on one face of the insulation film; a first wiring membrane (4A) which is connected to the first heat sensitive element and a second wiring membrane (4B) which is connected to the second heat sensitive element said wiring membranes being formed on one face of the insulation film; an infrared reflecting membrane (5) which is disposed on the other face of the insulation film opposite to the second heat sensitive element; a plurality of terminal electrodes (6) which are disposed on the same end part side of the insulation film and which are connected to the corresponding first wiring membrane and second wiring membrane; and a thermal resistance adjustment membrane (7) which is disposed on the other face of the in opposition to at least a portion of the longer of the first wiring membrane and the second wiring membrane in wiring distance from the terminal electrodes and which is formed of a material with greater heat dissipation than the insulation film.

No. of Pages : 24 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:G06Q20/00 :13/363675 :01/02/2012 :U.S.A. :PCT/US2013/023818 :30/01/2013 :WO 2013/116319 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)AMAZON TECHNOLOGIES INC. Address of Applicant :P.O. Box 8102 Reno NV 89507 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)HITCHCOCK Daniel W.</li> <li>2)CAMPBELL Brad Lee</li> </ul>
Filing Date	:NA	

## (54) Title of the invention : ACCOUNT MANAGEMENT FOR MULTIPLE NETWORK SITES

(57) Abstract :

Disclosed are various embodiments for account management for multiple network sites. Multiple accounts of a user are maintained for multiple network sites in a computing device. A secured resource of a network site is to be accessed by the computing device. A new account is created or an existing account is upgraded in response to determining that the accounts are not capable of accessing the secured resource. A set of information about the user is provided to the network site to create or upgrade the account.

No. of Pages : 118 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

(51) International classification	:B41F23/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HEWLETT PACKARD DEVELOPMENT COMPANY
(32) Priority Date	:NA	L.P.
(33) Name of priority country	:NA	Address of Applicant :Hewlett packard Development
(86) International Application No	:PCT/US2012/023409	Company L.P. 11445 Compaq Center Drive W. Houston Texas
Filing Date	:31/01/2012	77070 U.S.A.
(87) International Publication No	:WO 2013/115809	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)ZHOU Xiaoqi
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11 .		1

## (54) Title of the invention : SURFACE TREATMENT COMPOSITION

(57) Abstract :

A SURFACE TREATMENT COMPOSITION INCLUDES A SOLUTION HAVING A PH WITHIN A RANGE OF ABOVE 4 TO 8 THAT INCLUDES METAL CATIONS PRODUCED IN SITU FROM A METAL CONTAINING SUBSTANCE HAVING A K NO GREATER THAN 1X10 IN A REACTION WITH AN ACID HAVING A PKA IN A RANGE OF 3.0 TO +3.5. THE COMPOSITION FURTHER INCLUDES AN AGENT MIXED WITH THE SOLUTION THAT IS EITHER A SURFACE SIZING AGENT OR A COATING AGENT USED ON A PAPER SUBSTRATE. A PRINT MEDIA INCLUDES THE COMPOSITION APPLIED TO A PAPER SUBSTRATE. PREPARATION OF THE COMPOSITION INCLUDES REACTING THE METAL CONTAINING SUBSTANCE WITH THE ACID ADJUSTING THE PH TO ABOVE 4 TO 8 AND MIXING THE METAL CATION CONTAINING SOLUTION WITH EITHER THE SURFACE SIZING OR COATING AGENTS.

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

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : POLYCARBONATE RESIN COMPOSITION CONTAINING DISPERSED COMPOSITE TUNGSTEN OXIDE MICROPARTICLES AND RADIATED HEAT BLOCKING MOLDED BODY AND RADIATED HEAT BLOCKING LAMINATE USING SAID COMPOSITION

<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>	:C08L69/00,B32B27/20,B32B27/36 :2012035856 :22/02/2012 :Japan :PCT/JP2013/054135 :20/02/2013	<ul> <li>(71)Name of Applicant :</li> <li>1)SUMITOMO METAL MINING CO. LTD. Address of Applicant :11 3 Shimbashi 5 chome Minato ku Tokyo 1058716 Japan</li> <li>(72)Name of Inventor :</li> <li>1)MIRATSU Mitsunobu</li> <li>2)FUJITA Kenichi</li> </ul>
Filing Date (87) International Publication No	:WO 2013/125563	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a polycarbonate resin composition in which composite tungsten oxide microparticles are dispersed. Said resin composition which contains composite tungsten oxide microparticles represented by the general formula MWO a metal salt and a polycarbonate resin is characterized in that said metal salt consists of salts of one or more metals selected from among magnesium nickel zinc indium and tin.

No. of Pages : 48 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :09/07/2014

(43) Publication Date : 10/04/2015

(51) International classification	:G02B6/02	(71)Name of Applicant :
(31) Priority Document No	:61/582099	1)BELL James Dalton
(32) Priority Date	:30/12/2011	Address of Applicant :7214 Corregidor Vancouver WA 98664
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/023551	(72)Name of Inventor :
Filing Date	:01/02/2012	1)BELL James Dalton
(87) International Publication No	:WO 2013/101261	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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## (54) Title of the invention : ISOTOPICALLY ALTERED OPTICAL FIBER

(57) Abstract :

An optical waveguide having a cladding layer formed of high purity glass or a cladding layer formed of high purity isotope proportion modified glass and with a core of high purity isotope proportion modified glass with the index of refraction of the core glass greater than the index of refraction of the cladding glass said high purity isotope proportion modified core material having a Si 29 isotope proportion at most 4.447 % Si 29 (atom/atom) of all silicon atoms in said core or at least 4.90% of Si 29 (atom/atom) atoms in said core or having a Ge 73 isotope proportion of at most 7.2% Ge 73 (atom/atom) of all germanium atoms in said core or at least 8.18% of Ge 73 (atom/atom) of Germanium atoms in said core region.

No. of Pages : 33 No. of Claims : 24

(21) Application No.5714/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/07/2014

(43) Publication Date : 10/04/2015

(51) International classification	:A24C5/56	(71)Name of Applicant :
(31) Priority Document No	:A 1886/2011	1)TANNPAPIER GMBH
(32) Priority Date	:23/12/2011	Address of Applicant :Johann Roithner Strae 131 A 4050
(33) Name of priority country	:Austria	Traun Austria
(86) International Application No	:PCT/AT2012/050203	(72)Name of Inventor :
Filing Date	:21/12/2012	1)GRIESMAYR Guenther
(87) International Publication No	:WO 2013/090968	2)PUEHRINGER Barbara
(61) Patent of Addition to Application	:NA	3)KNAUSEDER Bernhard
Number	:NA :NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
( <b>57</b> ) Alestres et :		1

## (54) Title of the invention : MOUTHPIECE LINING PAPER FORMED AS A FILM/FOIL OF A FILTER CIGARETTE

(57) Abstract :

The invention relates to a mouthpiece lining paper of a filter cigarette which mouthpiece lining paper is provided on surface regions to be adhesively bonded with a three dimensional surface structure that is to say with a surface which has elevations (2 12.1 22) and/or depressions (23) wherein said elevations (2 12.1 22) and depressions (23) protrude from and are set back from the film/foil surface only locally respectively. The mouthpiece lining paper is a film/foil (1). In one preferred embodiment a row of elevations (2 12.1 22) and/or depressions (23) runs along an edge of the mouthpiece lining paper of the type which runs along the overlap region of the mouthpiece lining paper with itself on the finished cigarette.

No. of Pages : 25 No. of Claims : 24

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : RADIO COMMUNICATION SYSTEM ELEVATOR CONTROL SYSTEM AND ELECTRIC POWER TRANSFORMATION EQUIPMENT CONTROL 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:H04J11/00 :NA :NA :NA :PCT/JP2012/001999 :23/03/2012 :WO 2013/140457 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HITACHI LTD.</li> <li>Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku</li> <li>Tokyo 1008280 Japan</li> <li>(72)Name of Inventor :</li> <li>1)TAKEI Ken</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract :

A plurality of rotation polarized radio waves which have been modulated by use of the same information signal and which have different rotation speeds are transmitted; the plurality of radio waves are received; the frequency components corresponding to the respective rotation speeds are extracted; and the information signal to be superimposed on those components is weighted and combined therewith. In this way a radio circuit line having high reliability can be achieved. A radio communication means having high reliability is provided in social infrastructure systems having various fixture distributions. Also provided is a communication system using a plurality of carriers to which the same modulation has been implemented and which have different rotation speeds of polarized waves.

No. of Pages : 45 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

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(51) International classification	:E05B65/12	(71)Name of Applicant :
(31) Priority Document No	:20 2012 003 171.6	1)KIEKERT AKTIENGESELLSCHAFT
(32) Priority Date	:28/03/2012	Address of Applicant :Hseler Platz 2 42579 Heiligenhaus
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/DE2013/000153	(72)Name of Inventor :
Filing Date	:16/03/2013	1)MENKE Johannes Theodor
(87) International Publication No	:WO 2013/143522	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (54) Title of the invention : MOTOR VEHICLE DOOR CLOSURE

(57) Abstract :

The invention relates to a motor vehicle door closure comprising a locking mechanism an electric drive (3 4) for the locking mechanism and a child restraint element (14) with a corresponding sensor (15). The electric drive (3 4) can be activated or deactivated in order to open the locking mechanism dependant on the position of the child restraint element (14) said position being requested using the sensor (15). The activated child restraint element (14) can be deactivated in an emergency operation by a switch (17) and the locking mechanism can be opened by the electric drive (3 4).

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

(19) INDIA

(22) Date of filing of Application :09/07/2014

## (43) Publication Date : 10/04/2015

#### (54) Title of the invention : WIND TURBINE ROTOR (51) International classification :F03D1/06,F03D11/00,F03D7/02 (71)Name of Applicant : (31) Priority Document No :12151137.2 1)youWINenergy GmbH (32) Priority Date Address of Applicant : Rudolf Diesel Str. 9 26135 Oldenburg :13/01/2012 (33) Name of priority country :EPO Germany (72)Name of Inventor : (86) International Application :PCT/EP2013/050525 No 1)youWINenergy GmbH :11/01/2013 Filing Date (87) International Publication No:WO 2013/104779 (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

## (57) Abstract :

A wind turbine rotor is provided which comprises a hub (2) and at least one blade (20) supported by said hub (2). The blade (20) comprises a first blade section (3) and a second blade section (4) wherein said first blade section (3) is mounted to said hub (2) stationary with respect to said hub (2) and said second blade section (4) is supported by said first blade section (3) rotatably adjustable about a longitudinal axis of said blade (20) wherein said second blade section (4) is supported by said first blade section (3) by at least two bearings (7a 7b) which are spaced with respect to said longitudinal axis of said blade (20).

No. of Pages : 25 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :20/08/2014

## (43) Publication Date : 10/04/2015

(54) Title of the invention : 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:B01D35/147,B01D29/21 :61/605569 :01/03/2012 :U.S.A. :PCT/US2013/028257 :28/02/2013 :WO 2013/130765 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>(71)CATERPILLAR INC.</li> <li>Address of Applicant :100 N.E. Adams Street Peoria IL 61629</li> <li>9510 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>MCELROY Mark Andrew</li> <li>ALLOTT Mark Taylor</li> </ol> </li> </ol></li></ul>

(57) Abstract :

A filter element (12) is disclosed. The filter element (12) may include filter media (22) extending circumferentially around and longitudinally along a longitudinal axis (24) of the filter element (12). The filter element (12) may also include pilot structure (40) attached to the filter media (22) and configured to locate the filter element (12). The pilot structure (40) may include an axial cross section that includes at least one of a noncircular feature or an asymmetrical feature relative to the longitudinal axis (24).

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

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : SOLID PHARMACEUTICAL COMPOSITION CONTAINING 1 (3 (2 (1 BENZOTHIOPHEN 5 YL) ETHOXY) PROPYL) AZETIDIN 3 OL OR SALT THEREOF

<ul> <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> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:PCT/JP2013/054268 :21/02/2013 :WO 2013/125617 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TOYAMA CHEMICAL CO. LTD. Address of Applicant :2 5 Nishishinjuku 3 chome Shinjuku ku Tokyo 1600023 Japan</li> <li>(72)Name of Inventor :</li> <li>1)INABA Hiroyuki</li> <li>2)NAGATA Mitsuhiro</li> </ul>
Filing Date	:NA	

## (57) Abstract :

This solid pharmaceutical composition is useful as a solid pharmaceutical composition of 1 (3 (2 (1 benzothiophen 5 yl) ethoxy) propyl) azetidin 3 ol which is excellently elutable and moldable and is stable in long term storage or a salt thereof.

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

(19) INDIA

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : STAPLER WITH ARRANGEMENT FOR TENSIONING AN ELASTIC MEMBER FORMING PART OF THE STAPLER

<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>	:B25C5/11 :12001350 :02/03/2012 :Sweden :PCT/SE2013/000028 :26/02/2013 :WO 2013/129990 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ISABERG RAPID AB Address of Applicant :Box 115 S 330 27 Hestra Sweden</li> <li>(72)Name of Inventor :</li> <li>1)EBBESSON Jan</li> <li>2)OHISSON Robert</li> </ul>
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## (57) Abstract :

Stapler (1) for driving staples (4) into a workpiece (6) comprising a body (2) an elastic member (7) connected to a driver (9) and an articulated arrangement (12) for tensioning of the member (7) comprising a lever (13) with a long arm (15) and a short arm (16) coupled rotatably to the body by a first coupling shaft (14) an articulated arm (17) coupled rotatably to the body by a second coupling shaft (18) and connected to the member (7) in a force influencing manner an intermediate joint (19) with a third coupling shaft (20) assigned rotatably to the short arm (16) at a first distance (a) from the first coupling shaft and assigned rotatably to the articulated arm (17) with a fourth coupling shaft (21) at a second distance (b) from the third coupling shaft (20) the first distance has the distance line (a) and the second distance has the distance line () which form the angle () between themselves the member (7) is tensioned in that the lever (13) is rotated (N) about coupling shaft (14) from a starting position to an end position due to which the lever via the intermediate joint causes the articulated arm to rotate (R) about the coupling shaft and tension the member (7) by guiding this from a first neutral untensioned position to a second tensioned position wherein the first distance (a) is 1.2 1.6 times greater than the second distance (b).

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

## (22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : APPARATUS AND PROCESS FOR GASIFICATION OF SOLID HYDROCARBONACEOUS FUELS IN DUST FORM IN AN ENTRAINED FLOW

(51) International classification (31) Priority Document No	:C10J3/48,C10J3/86,C10J3/84 :10 2012 001 986.6	(71)Name of Applicant : 1)THYSSENKRUPP INDUSTRIAL SOLUTIONS AG
(32) Priority Date	:03/02/2012	Address of Applicant : ThyssenKrupp Allee 1 45143 Essen
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2013/000191	(72)Name of Inventor :
Filing Date	:23/01/2013	1)LANGENKAMP Guido
(87) International Publication No	:WO 2013/113478	2)PAVONE Domenico
(61) Patent of Addition to	:NA	3)SCHIRRMEISTER Steffen
Application Number Filing Date	:NA	4)SCHULZE ECKEL Reinald 5)TOPOROV Dobrin
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract :

A gasification reactor for gasification of solid hydrocarbonaceous fuels in dust form in an entrained flow comprising a first reaction space disposed at the top of the reactor in the upper region of which is disposed a feed apparatus for feedstocks the side walls of which are equipped with pipes having internal cooling in the form of a membrane wall or pipe coils on which liquid slag can run off freely without the surface of this slag solidifying in the process and on the underside of which is provided an orifice for slag running off and synthesis gas exiting with connection at the bottom of the orifice to a second space in which the crude gas is kept dry and cooled by radiative cooling and an apparatus for production of a water mist is provided the second space is connected at the bottom to a third space in which feed devices for water are provided the third space is connected at the bottom to an accommodating device for a water bath which also has a removal apparatus for a water slag mixture and a removal apparatus for crude gas from the reactor provided at the bottom or side of the third space has an axially symmetric extension space which forms the transition from the first to the second space and the lower edge of which is arranged at the same height or above the height at which the free falling water mist emerges.

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

(21) Application No.6922/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : SYSTEM AND METHOD FOR CAPTURING AND SHARING CONSOLE GAMING DATA		
<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A63F9/24 :13/418720 :13/03/2012 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)SONY COMPUTER ENTERTAINMENT AMERICA</li> <li>LLC <ul> <li>Address of Applicant :919 E. Hillsdale Blvd. 2nd Floor Foster</li> <li>City California 94404 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)GARY Nathan</li> </ul> </li> </ul>

(57) Abstract :

A system and method for capturing and sharing console gaming data is described. Embodiments capture gameplay data directly at the gaming console without the need for external hardware. This allows users to easily capture rich console gaming experiences and share them across a variety of outlets. In one embodiment the methods described herein can be implemented with a patch or driver on the operating system of the user device rendering it unnecessary to heavily modify the source code of the game.

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

(21) Application No.6923/DELNP/2014 A

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : CATALYST AND PROCESS FOR THE PRODUCTION OF ACETIC ACID AND DIMETYHL ETHER

<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>	:C07C41/09,C07C43/04,C07C51/09 :12250049.9 :23/02/2012 :EPO 1:PCT/EP2013/053528 :22/02/2013	<ul> <li>(71)Name of Applicant :</li> <li>1)BP CHEMICALS LIMITED <ul> <li>Address of Applicant :Chertsey Road Sunbury on Thames</li> </ul> </li> <li>Middlesex TW16 7BP U.K.</li> <li>(72)Name of Inventor : <ul> <li>1)CLARK Thomas Edward</li> <li>2)LAW David John</li> <li>3)WILLIAMS Bruce Leo</li> </ul> </li> </ul>
(87) International Publication No	:WO 2013/124404	
<ul> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:NA :NA <sup>h</sup> :NA :NA	

(57) Abstract :

A process for the co production of acetic acid and dimethyl ether products from a mixture of methanol and methyl acetate by contacting the mixture at a temperature from 200 to 260 °C with a catalyst composition comprising a zeolite possessing a 2 dimensional channel system comprising at least one channel having a 10 membered ring and a silica : alumina molar ratio of at least 22 : 1.

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

(19) INDIA

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : VISCOSITY SUPPRESSION OF ASSOCIATIVE THICKENERS USING ORGANOPHOSPHATES

<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>51) Patent of Addition to Application</li> <li>Jumber Filing Date</li> </ul>	:C08K5/521,C09D7/00 :61/608240 :08/03/2012 :U.S.A. :PCT/US2013/029582 :07/03/2013 :WO 2013/134497 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HERCULES INCORPORATED <ul> <li>Address of Applicant :500 Hercules Road Wilmington DE</li> </ul> </li> <li>19808 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)FILLIPO Bruce K.</li> <li>2)NGUYEN Tuyen T.</li> <li>3)SAU Arjun C.</li> </ul> </li> </ul>	
/ 11		3)SAU Arjun C.	
62) Divisional to Application Number Filing Date	:NA :NA		_

(57) Abstract :

The viscosity of solutions of nonionic synthetic associative thickeners is controlled by adding organophosphates to the solution of associative thickeners. The associative thickeners are hydrophobically modified polymers and the organophosphates include one or more hydrophobic groups.

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

(21) Application No.6925/DELNP/2014 A

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : USE OF CENTRIFUGATION AIDED INFECTION TO INCREASE VIRUS TITER

<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 N</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 <ul> <li>Filing Date</li> </ul> </li> </ul>	:61/610220 :13/03/2012 :U.S.A. :PCT/US2013/030880 :13/03/2013	<ul> <li>(71)Name of Applicant : <ol> <li>1)EMD MILLIPORE CORPORATION Address of Applicant :290 Concord Road Billerica MA 01821 </li> <li>U.S.A.  </li> <li>(72)Name of Inventor : <ul> <li>1)ASHER Damon R.</li> <li>2)LEAHY Anne H.</li> </ul> </li> </ol></li></ul>
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(57) Abstract :

The invention relates to a process for increasing the observed titer of a virus stock for the purpose of increasing the calculated log reduction (LRV) in virus clearance studies. A tissue culture or assay plate is seeded with an indicator cell line and titrated with a virus stock followed by a centrifugation step for about 5 minutes to about 24 hours at a g force ranging from about 50x g to about 2400x g and at a temperature from about 4°C to about 39°C. The resulting calculated virus titer after undergoing the centrifugation step is 10 fold higher than the virus titer would be if determined in the absence of the centrifuging step.

No. of Pages : 28 No. of Claims : 12

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : PRODUCTION OF CAPROLACTAM FROM ADIPIC ACID

<ul> <li>(51) International classification</li> <li>:C07D223/10,C07D201/08,B01J21/06</li> <li>(31) Priority Document No</li> <li>:61/602533</li> <li>(32) Priority Date</li> <li>:23/02/2012</li> <li>(33) Name of priority country</li> <li>:U.S.A.</li> <li>(86) International</li> <li>:PCT/US2013/025846</li> <li>:13/02/2013</li> <li>(87) International</li> <li>:WO 2013/126250</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>:NA</li> </ul>	<ul> <li>(71)Name of Applicant : <ol> <li>RENNOVIA INC.</li> <li>Address of Applicant :1080 Hamilton Avenue Menlo Park CA</li> </ol> </li> <li>94025 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>DIAS Eric L.</li> <li>MURPHY Vincent J.</li> <li>LONGMIRE James</li> <li>JIANG Hong</li> </ol> </li> </ul>
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## (57) Abstract :

Processes are disclosed for the conversion of adipic acid to caprolactam employing a chemocatalytic reaction in which an adipic acid substrate is reacted with ammonia and hydrogen in the presence of particular heterogeneous catalysts and employing unique solvents. The present invention also enables the conversion of other adipic acid substrates such as mono esters of adipic acid di esters of adipic acid and salts thereof to caprolactam. Solvents useful in the process that do not react with ammonia are also disclosed. Catalyst supports are disclosed which catalyze the reaction of the substrate with ammonia in the absence of added metal. Metals on the catalyst supports comprise ruthenium (Ru) rhodium (Rh) palladium (Pd) osmium (Os) iridium (Ir) and/or platinum (Pt). Heterogeneous catalysts comprising ruthenium (Ru) and rhenium (Re) on titania and/or zirconia supports are also disclosed. Further disclosed are products produced by such processes as well as products producible from such products.

No. of Pages : 29 No. of Claims : 36

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : CONDUCTIVE POLYMER LAYER AS AN ANTISTATIC PROTECTION SHIELD FOR POLARIZATION FILTER

<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>(33) Name of priority country</li> <li>(34) International Application No</li> <li>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> <li>(51) International to Application Number Filing Date</li> <li>(51) International Publication No</li> <li>(51) Patent of Addition to Application Number Filing Date</li> <li>(52) Divisional to Application Number</li> <li>(53) International to Application Na</li> <li>(54) Divisional to Application</li> <li>(55) Divisional to Application Na</li> <li>(56) Divisional to Application</li> <li>(57) Divisional to Application</li> <li>(58) Divisional to Application</li> <li>(59) Divisional to Application</li> <li>(50) Divisional to Application</li> <li>(51) Divisional to Application</li> <li>(51) Divisional to Application</li> <li>(51) Divisional to Application</li> <li>(51) Divisional to Application</li> <li>(52) Divisional to Application</li> <li>(53) Divisional to Application</li> <li>(54) Divisional to Application</li> <li>(55) Divisional to Application</li> <li>(56) Divisional to Application</li> <li>(57) Divisional to Application</li> <li>(58) Divisional to Application</li> <li>(59) Divisional to Application</li> <li>(51) Divisional to Application</li> <li>(51) Divisional to Application</li> <li>(52) Divisional to Application</li> <li>(53) Divisional to Application</li> <li>(54) Divisional to Application</li> <li>(55) Divisional to Application</li> <li>(56) Divisional to Application</li> <li>(57) Divisional to Application</li> <li>(58) Divisional to Application</li> <li>(59) Divisional to Application</li> <li>(50) Divisional to Application</li> <li>(51) Divisional to Application</li> <li>(51) Divisional to Application</li> <li>(51) Divisional to Application</li> <li>(51) Divisional to Application<!--</th--><th>09D133/14 (71)Name of Applicant : 1)HERAEUS PRECIOUS METALS GMBH &amp; CO. KG Address of Applicant :Heraeusstrasse 12 14 63450 Hanau Germany (72)Name of Inventor : 1)GUNTERMANN Udo 2)ELSCHNER Andreas 3)KIRCHMEYER Stephan</th></li></ul>	09D133/14 (71)Name of Applicant : 1)HERAEUS PRECIOUS METALS GMBH & CO. KG Address of Applicant :Heraeusstrasse 12 14 63450 Hanau Germany (72)Name of Inventor : 1)GUNTERMANN Udo 2)ELSCHNER Andreas 3)KIRCHMEYER Stephan
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(57) Abstract :

THE INVENTION RELATES TO A LAYERED STRUCTURE AND A PROCESS FOR THE PRODUCTION THEREOF COMPRISING AT LEAST ONE POLARIZER LAYER; AT LEAST ONE CONDUCTOR LAYER COMPRISING A CONDUCTIVE POLYMER WHEREIN THE AT LEAST ONE CONDUCTOR LAYER HAS A SURFACE RESISTANCE IN A RANGE OF FROM 10 TO 5000/ SQUARE.

No. of Pages : 33 No. of Claims : 24

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

# (54) Title of the invention : METHOD FOR ACTIVATING USERS METHOD FOR AUTHENTICATING USERS METHOD FOR CONTROLLING USER TRAFFIC METHOD FOR CONTROLLING USER ACCESS ON A 3G TRAFFIC REROUTING WI FI NETWORK AND SYSTEM FOR REROUTING 3G TRAFFIC

(51) International classification	:H04W8/10	(71)Name of Applicant :
(31) Priority Document No	:BR1020120031140	1)MLS WIRELESS S/A.
(32) Priority Date	:10/02/2012	Address of Applicant :Rua Volunt;rios da P;tria 45 / 1509
(33) Name of priority country	:Brazil	Botafogo 22270 000 Rio de Janeiro RJ Brazil
(86) International Application No	:PCT/BR2013/000035	(72)Name of Inventor :
Filing Date	:04/02/2013	1)GOLDENSTEIN Mauro
(87) International Publication No	:WO 2013/116913	2)PASSY Rogrio
(61) Patent of Addition to Application	:NA	3)PASSY Luiz Victor
Number	:NA :NA	4)MARQUES CARNEIRO DA SILVA Igor
Filing Date	.117A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

The present invention relates to a system for rerouting independent traffic on the networks of the mobile telephony operators such as the GSM network as well as the use of methods for user authentication and activation traffic control and user access on a 3G traffic rerouting Wi Fi network. The rerouting Wi Fi network proposed is independent of the mobile telephony network operators and enables the data traffic rerouting service to be provided to users of several operators simultaneously. The system includes its own database containing user information obviating the need to consult operator databases. The system proposed also enables a user of operator A to purchase a Wi Fi data plan from operator B using the International Mobile Subscriber Identity (IMSI) authentication of operator A thereby obviating the need to replace the SIM card. Access to roaming users i.e. users outside their native numbering area is also permitted.

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

(21) Application No.6952/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : HAEMOSTATIC WOUND DRESSING		
<ul> <li>(54) Title of the invention : HAEMOSTA</li> <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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> </ul>		G (71)Name of Applicant : 1)HAEMOSTATIX LIMITED Address of Applicant :BioCity Nottingham Pennyfoot Street Nottingham Nottinghamshire NG1 1GF U.K. (72)Name of Inventor : 1)WALKER Greg 2)MIDDLETON Sarah Margaret
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract :

Haemostatic wound dressings are described. The dressings comprise a non colloidal porous dressing material and a plurality of fibrinogen binding peptides immobilised to the non colloidal porous dressing material wherein each fibrinogen binding peptide comprises: an amino acid sequence Gly Pro Arg Xaa (SEQ ID NO: 1) at an amino terminal end of the peptide wherein Xaa is any amino acid other than Val preferably Pro Sar or Leu; or an amino acid sequence Gly His Arg Xaa (SEQ ID NO: 2) at an amino terminal end of the peptide wherein Xaa is any amino acid other than Pro. The dressings are able to accelerate haemostasis without requiring enzymatic activity. In particular the dressings to do not rely on the action of exogenous thrombin and can be stored long term at room temperature in solution. Methods of making the dressings and use of the dressings to control bleeding are also described.

No. of Pages : 32 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : CATEGORIZING AND RANKING TRAVEL RELATED SEARCH RESULTS

(51) International classification	:G06Q10/00	(71)Name of Applicant :
(31) Priority Document No	:12368012.6	1)AMADEUS S.A.S.
(32) Priority Date	:26/04/2012	Address of Applicant :485 route du Pin Montard Sophia
(33) Name of priority country	:EPO	Antipolis F 06410 Biot France
(86) International Application No	:PCT/IB2012/002541	(72)Name of Inventor :
Filing Date	:12/11/2012	1)VIGUIE Luc
(87) International Publication No	:WO 2013/160720	2)GIBERGUES Sbastien
(61) Patent of Addition to Application	:NA	3)PATOUREAUX Marc
Number	:NA :NA	4)ISNARDON Bndicte
Filing Date	.111/14	5)ROBELIN Charles Antoine
(62) Divisional to Application Number	:NA	6)MAILLOT Nicolas
Filing Date	:NA	7)PRENGERE Alex

(57) Abstract :

Methods systems and computer program products for providing result search results. Results are retrieved from a result database. The results are classified according to multiple distinct categories and at least one of the results for each of the multiple categories is stored and then provided to a client device upon receipt of a travel search request from an end user of the client device.

No. of Pages : 42 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :21/08/2014

## (43) Publication Date : 10/04/2015

(54) Title of the invention : THREADED IMPLANT		
<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>	:A61B17/86 :61/609211 :09/03/2012 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)SI BONE INC. Address of Applicant :3055 Olin Avenue Suite 2200 San Jose CA 95128 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)MAULDIN Richard G.</li> </ul>

(57) Abstract :

A threaded implant includes a body exterior surface interior surface fenestrations and threads. The body may be a hollow tubular structure. Alternatively the body may be solid and cannulated. The surface of the threaded implant may have mesh configuration beaded configuration trabecular configuration holes or any surface conducive to bony in growth on growth and/or through growth. The threads may be barbed and may allow for easy insertion through the bone. The threaded implant may be tapped into place. A method for fusing bone may involve inserting the implant laterally through the ilium through the sacral iliac joint and into the sacrum.

No. of Pages : 29 No. of Claims : 30

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : COVERING DEVICE HAVING SLIDING COVER ELEMENTS

No Filing Date :22/02/20 (87) International Publication	7 012 2013/050365	<ul> <li>(71)Name of Applicant :</li> <li>1)CASTEL Jean Louis <ul> <li>Address of Applicant :12 rue de la Croix du Bourdon F 86000</li> </ul> </li> <li>Poitiers France <ul> <li>(72)Name of Inventor :</li> <li>1)CASTEL Jean Louis</li> </ul> </li> </ul>
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## (57) Abstract :

The subject matter of the invention is a covering device (10) forming a protective surface (12) of variable length (L12) and/or width (W12) said covering device (10) comprising: a support frame (14) of predefined length (L14) and width (W14) at least two intermediate frames (11 I2 etc.) supported by the support frame (14) each intermediate frame (I1 I2 etc.) supporting at least two cover elements (E1 E2 E3 E4 E5 E6 etc.) mounted so as to be able to slide one under the other the covering device (10) being characterised in that the intermediate frames (I1 I2 etc.) are mounted on the support frame (14) so as to be able to slide one under the other equally in one or the other of two opposing sliding directions ((C1 C2)(C3 C4)) taken in the length (L14) or width (W14) of the support frame.

No. of Pages : 21 No. of Claims : 14

#### (19) INDIA

(22) Date of filing of Application :19/08/2014

(54) Title of the invention : RAIL

<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> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	n:C22C38/06,C22C38/58,C21C7/06 :2012097584 :23/04/2012 :Japan :PCT/JP2013/061857 :23/04/2013 :WO 2013/161794 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ul> <li>1)NIPPON STEEL &amp; SUMITOMO METAL</li> </ul> </li> <li>CORPORATION <ul> <li>Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku</li> </ul> </li> <li>Tokyo 1008071 Japan</li> <li>(72)Name of Inventor : <ul> <li>1)UEDA Masaharu</li> <li>2)MIYAZAKI Teruhisa</li> <li>3)YAMAMOTO Takeshi</li> <li>4)MOROHOSHI Takashi</li> </ul> </li> </ul>
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#### (57) Abstract :

IN THIS RAIL AT LEAST 95% OF THE STRUCTURE OF A HEAD CORNER PART AND A HEAD SURFACE PART WHICH CONSTITUTES A RANGE UP TO A DEPTH OF 20 MM USING THE SURFACE OF A HEAD TOP PART AS A STARTING POINT IS A PEARLITE OR BAINITE STRUCTURE. THE STRUCTURE IN A LATERAL CROSS SECTION OF THE RAIL CONTAINS 20 TO 200 MNS SULFIDES PER SQUARE MILLIMETER OF DETECTED AREA THE MNS BASED SULFIDES HAVING AL OXIDES AS NUCLEI AND MEASURING 1 TO 10 M IN GRAIN SIZE.

No. of Pages : 60 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : DISPOSABLE VALVE AND FLEXIBLE CONTAINERS FOR PRESSURIZED BIOREACTORS

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:61/607767 :07/03/2012 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)GE HEALTHCARE BIO SCIENCES CORP. Address of Applicant :800 Centennial Avenue Piscataway New Jersey 08855 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)TUOHEY Colin R.</li> <li>2)ERDENBERGER Thomas</li> <li>3)DAMREN Richard L.</li> <li>4)CLAPP Kenneth</li> <li>5)GALLIHER Parrish M.</li> <li>6)KENNEY Jonathan</li> </ul>
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(57) Abstract :

Disclosed herein are embodiments of a valve assembly for preventing dead leg spaces in a container or tubing the embodiments including a three way valve system for controlling back pressure in a fluid generating device such as a single use high pressure bioreactor. Also disclosed is a pressurized reactor system for bioprocessing comprising a single use container including a flexible wall or a semi rigid wall.

No. of Pages : 37 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : AMINE TREATING PROCESS FOR ACID GAS SEPARATION USING BLENDS OF AMINES AND ALKYLOXYAMINES

<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>	:B01D53/14,C07C217/08 :61/610599 :14/03/2012 :U.S.A. :PCT/US2013/030796	<ul> <li>(71)Name of Applicant :</li> <li>1)EXXONMOBIL RESEARCH AND ENGINEERING</li> <li>COMPANY</li> <li>Address of Applicant :1545 Route 22 East P.O. Box 900</li> <li>Annandale NJ 08801 0900 U.S.A.</li> </ul>
Filing Date	:13/03/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2013/138443	1)DAAGE Michel
<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	2)FEDICH Robert B. 3)SISKIN Michael

#### (57) Abstract :

A PROCESS FOR ABSORBING HS AND CO FROM A GAS MIXTURE CONTAINING BOTH THESE GASES COMPRISES CONTACTING THE GAS MIXTURE WITH AN ABSORBENT COMBINATION OF (I) PRIMARY ABSORBENT COMPONENT COMPRISING A SEVERELY STERICALLY HINDERED TERTIARY ETHERAMINE TRIETHYLENE GLYCOL ALCOHOL OR DERIVATIVE OF SUCH AN ALCOHOL AND (II) SECONDARY ABSORBENT COMPONENT FOR ACIDIC GASES COMPRISING A LIQUID AMINE SUCH AS METHYLDIETHYLAMINE (MDEA) MONOETHANOLAMINE (MEA) 2 AMINO 2 METHYL L PROPANOL (AMP) PIPERAZINE (PZ) DIETHANOLAMINE (DEA) TRIETHANOLAMINE (TEA) DIGLYCOLAMINE (AMINOETHOXYETHANOL DGA) AND DIISOPROPYLAMINE (DIPA) ANOTHER ETHERAMINE ALCOHOL OR DIAMINE. BY USING THE COMBINATION OF AMINE ABSORBENTS THE OVERALL SELECTIVITY OF CO PICKUP CAN BE MAINTAINED WHILE RETAINING GOOD HS SORPTION SELECTIVITY; THE SELECTIVITY OF THE COMBINATION FOR HS AND C02 MAY BE CONTROLLED OVER A RANGE OF GAS LOADINGS IN THE ABSORBENT.

No. of Pages : 22 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : LOW TEMPERATURE TRANSPORT AND STORAGE OF AMINOETHER GAS TREATMENT 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>(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>	:B01D53/14 :61/610608 :14/03/2012 :U.S.A. :PCT/US2013/030790 :13/03/2013 :WO 2013/138440 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)EXXONMOBIL RESEARCH AND ENGINEERING COMPANY <ul> <li>Address of Applicant :1545 Route 22 East P.O. Box 900</li> </ul> </li> <li>Annandale NJ 08801 0900 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)DAAGE Michel</li> <li>2)FEDICH Robert B.</li> <li>3)SISKIN Michael</li> </ul> </li> </ul>
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#### (57) Abstract :

A liquid aminoether acid gas absorbent which is subject to freezing in a cold climatic zone though which the aminoether is to be shipped is rendered freeze resistant by mixing the aminoether with water prior to transport through the cold climatic zone; the aminoether/water mixture typically contains 10 to 40 weight percent water based on the weight of the aminoether. The aminoether/water mixture can also be stored in the cold climatic zone without being externally maintained at a temperature above the inherent freezing point of the aminoether.

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

(22) Date of filing of Application :09/07/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : MULTILAYER LAMINATE WHICH CAN BE USED FOR THE REINFORCEMENT OF A TYRE BELT

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:B32B25/08,B60C9/18 :1251845 :29/02/2012 :France :PCT/EP2013/053445 :21/02/2013 :WO 2013/127685 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)COMPAGNIE GENERALE DES ETABLISSEMENTS</li> <li>MICHELIN <ul> <li>Address of Applicant :12 Cours Sablon F 63000 Clermont</li> </ul> </li> <li>Ferrand France <ul> <li>2)MICHELIN RECHERCHE ET TECHNIQUE S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)HUYGHE Jean Michel</li> <li>2)LE CLERC Christophe</li> <li>3)RIOU Aline</li> <li>4)THUILLIEZ Anne Lise</li> </ul> </li> </ul></li></ul>
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(57) Abstract :

Multilayer laminate which can be used in particular as a reinforcing element of a finished article or of a semi finished product made of rubber such as a tyre comprising at least one polymer film having irrespective of the tensile direction considered in the plane of the film a Young s modulus which is greater than 500 MPa said film being positioned between and in contact with two layers of rubber composition such as natural rubber characterized in that each layer of rubber composition has in the crosslinked state a secant tensile modulus at 10% elongation which is greater than 30 MPa preferably between 30 and 150 MPa.

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

(21) Application No.7010/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : METHOD AND APPARATUS FOR NON INVASIVE DETERMINATION OF CARDIAC OUTPUT

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A61B5/029,A61B5/022 :2012900322 :30/01/2012 :Australia :PCT/AU2012/000854 :17/07/2012 :WO 2013/113055 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DUNCAN CAMPBELL INVESTMENTS PTY LTD Address of Applicant :104A Sutherland Road Beecroft NSW 2119 Australia</li> <li>(72)Name of Inventor :</li> <li>1)CAMPBELL Duncan Islay</li> </ul>
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#### (57) Abstract :

A non invasive method and apparatus determines continuously cardiac output by first analysing the trace obtained from an optical sensor which has been scaled and calibrated using an electronic sphygmomanometer. From this the mean arterial pressure and time constant are determined. Compliance is determined from the pulse delay between two other optical sensors at well separated sites. Cardiac output is the product of mean arterial pressure and compliance divided by the time constant. A microcomputer provides the necessary calculations.

No. of Pages : 28 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

(51) International classification	:H04W8/02	(71)Name of Applicant :
(31) Priority Document No	:12305245.8	1)ALCATEL LUCENT
(32) Priority Date	:29/02/2012	Address of Applicant :148/152 route de la Reine F 92100
(33) Name of priority country	:EPO	Boulogne Billancourt France
(86) International Application No	:PCT/EP2013/052993	(72)Name of Inventor :
Filing Date	:14/02/2013	1)GUPTA Anuj
(87) International Publication No	:WO 2013/127641	2)SAINI Sushil Kumar
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1 12 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		•

#### (54) Title of the invention : MOBILE CONNECTIVITY IN A COMMUNICATION NETWORK

(57) Abstract :

According to an implementation of the present subject matter systems and methods for providing mobile connectivity to users while roaming on a dynamic basis are described. The method includes receiving a location update message associated with a user latched to a secondary service provider the user having a subscriber identity module (SIM) with a primary International Mobile Subscriber Identity (IMSI) number provided by a default service provider of the user wherein the location update message is based on the primary IMSI number of the user. The method also includes generating a dummy location update message based on the received location update message and a secondary IMSI number associated with the secondary service provider; and sending the dummy location update message to the secondary service provider associated with the secondary IMSI number such that the user is provided communication services by the secondary service provider based on the primary IMSI number.

No. of Pages : 51 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : LAUNCHING A SOFTWARE APPLICATION USING A MAP REPRESENTATION

(51) International classification	:H04L29/08,H04W4/02,H04W4/00	(71)Name of Applicant : 1)ALCATEL LUCENT
(31) Priority Document No	:12305228.4	Address of Applicant :148/152 route de la Reine F 92100
(32) Priority Date	:27/02/2012	Boulogne Billancourt France
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2013/053399 :20/02/2013	1)PASTOR Alain
(87) International Publication No	:WO 2013/127678	
(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 method for launching a software application which is accessible from a mobile terminal connected to a communication network and which uses at least one physical object comprising: a step of selecting an application from among a set of available applications; a step of the user of the mobile terminal defining at least one geographical area on a map representation; a step of automatically determining a set of active physical objects which are located in said at least one geographical area and which can access an interface with the communication network; and a step of interfacing the application with a subset of physical objects from among said set of physical objects.

No. of Pages : 21 No. of Claims : 13

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : PROCESS FOR PRODUCTION OF DFMB 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 <ul> <li>Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:C07D235/10,C07D263/58,C07D277/68 :NA :NA :NA :NA :PCT/CN2012/071346 :20/02/2012 :WO 2013/123634 to :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)RHODIA OPERATIONS <ul> <li>Address of Applicant :25 rue de Clichy F 75009 Paris France</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)ZHANG Tao</li> </ul> </li> <li>2)MERCIER Claude</li> <li>3)BUISINE Olivier</li> </ul>
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(57) Abstract :

DISCLOSED IS A PROCESS FOR THE PRODUCTION OF A COMPOUND OF FORMULA (). THE PROCESS COMPRISES A STEP OF REACTING A COMPOUND OF FORMULA (I) WITH AN EXCESS AMOUNT OF A COMPOUND OF FORMULA (II) IN ABSENCE OF AROMATIC SOLVENT:WHEREIN N IS 0 1 2 3 OR 4; X IS NH O OR S; EACH R] GROUP MAY BE THE SAME OR DIFFERENT AND IS INDEPENDENTLY SELECTED FROM THE GROUP CONSISTING OF HYDROGEN HYDROXYL ALKOXY ALKYL CARBONYL CARBOXYL CARBOXYLIC ACID ESTER GROUPS AMIDO CYANO HALOGENATED ALIPHATIC NITRO OR AMINO GROUPS; R GROUP IS SELECTED FROM THE GROUP CONSISTING OF HYDROXYL CI F BR AMINO OR ALKOXY.

No. of Pages : 17 No. of Claims : 14

(21) Application No.6930/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : ADAPTOR FOR COUPLING WITH A MEDICAL CONTAINER

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to <ul> <li>Application Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application </li> </ul>	:01/02/2013	<ul> <li>(71)Name of Applicant :</li> <li>1)BECTON DICKINSON HOLDINGS PTE. LTD. Address of Applicant :30 Tuas Avenue 2 Singapore 639461 Singapore</li> <li>(72)Name of Inventor :</li> <li>1)CARREL Franck</li> <li>2)PEROT Frdric</li> </ul>
Number Filing Date	:NA :NA	

#### (57) Abstract :

The present invention relates to an adaptor (10) for coupling with a vial (1) having a collar (3) closed by a septum (4) said septum having an outer surface directed towards the outside of the vial the adaptor comprising: a gripping member (20) for securing the adaptor to the vial said gripping member being capable of being laterally mounted on the collar of said vial and a pierceable elastomeric piece (30) having at least a part intended to be in contact with the outer surface of the septum when said adaptor is secured on said vial. The invention also relates to an assembly comprising such an adaptor and a vial.

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

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : STORAGE STABLE LIQUID DISHWASHING DETERGENT CONTAINING PROTEASE AND AMYLASE

(51) International classification	:C11D3/386	(71)Name of Applicant :
(31) Priority Document No	:10 2012 201 522.1	1)BASF SE
(32) Priority Date	:02/02/2012	Address of Applicant :67056 Ludwigshafen Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2013/051392	1)MUSSMANN Nina
Filing Date	:25/01/2013	2)EITING Thomas
(87) International Publication No	:WO 2013/113619	3)BASTIGKEIT Thorsten
(61) Patent of Addition to Application	:NA	4)BENDA Konstantin
Number		5)JANKE Hans Hartmut
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		l

(57) Abstract :

The aim of the invention is to improve the storage stability of a liquid dishwashing detergent comprising a protease and an amylase. Said aim is achieved by using a protease that has an amino acid sequence that is at least 70% identical to the amino acid sequence specified in SEQ ID NO. 1 over the entire length of the amino acid sequence and has the amino acid substitution L211D in combination with at least two additional amino acid substitutions selected from the group comprising S3T V4I V193M and V199I in the count as per SEQ ID NO. 1.

No. of Pages : 62 No. of Claims : 14

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

### (54) Title of the invention : YARN FORMING ELEMENT FOR A SPINNING POSITION OF AN AIR JET SPINNING MACHINE WITH A HELICAL GUIDE AND METHOD FOR PRODUCING A YARN

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:10 2012 101 001.3 :08/02/2012 :Germany	<ul> <li>(71)Name of Applicant :</li> <li>1)MASCHINENFABRIK RIETER AG Address of Applicant :Klosterstr. 20 CH 8406 Winterthur Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)STAHLECKER Gerd</li> <li>2)SCH,,FFLER Gernot</li> <li>3)KBLER Markus</li> </ul>
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#### (57) Abstract :

The invention relates to a yarn forming element for a spinning position (2) of an air jet spinning machine said yarn forming element (1) having an inlet opening (3) on a frontal face and a draw off conduit (4) which originates in the region of the inlet opening (3) and extends within the yarn forming element (1) for a yarn (5) produced with the aid of the spinning position (2). According to the invention a helical guide (8) is arranged within the draw off conduit (4) said guide (8) aiding a false twist which can be imparted to a yarn (5) passing through the draw off conduit (4). The invention also relates to an air jet spinning machine which is characterised in that a helical guide (8) is arranged within the draw off conduit (4) and/or after an outlet opening (6) of the draw off conduit (4) said helical guide (8) enabling a false twist to be imparted to the yarn (5). According to the method for producing a yarn (5) the yarn (5) is finally exposed to torque after entering the draw off conduit (4) said torque causing the yarn (5) to rotate about its longitudinal axis in a second direction of rotation the second direction of rotation being opposed to the first direction of rotation in the plan view in question wherein a false twist is produced from the rotation of the yarn (5) about its longitudinal axis.

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

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : METHODS FOR DETECTING 5T4 POSITIVE CIRCULATING TUMOR CELLS AND METHODS OF DIAGNOSIS OF 5T4 POSITIVE CANCER IN A MAMMALIAN SUBJECT

(51) International classification	:G01N33/50,G01N33/574	(71)Name of Applicant :
(31) Priority Document No	:61/590066	1)PFIZER INC.
(32) Priority Date	:24/01/2012	Address of Applicant :235 East 42nd Street New York New
(33) Name of priority country	:U.S.A.	York 10017 U.S.A.
(86) International Application No	:PCT/IB2013/050547	2)EPIC SCIENCES INC.
Filing Date	:22/01/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2013/111054	1)GERBER Hans Peter
(61) Patent of Addition to Application	:NA	2)MARRINUCCI Dena
Number	:NA	3)PIRIE SHEPHERD Steven
Filing Date	.1177	4)TUCKER Eric
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods are provided for detecting 5T4 positive circulating tumor cells in a mammalian subject. Methods of diagnosing 5T4 positive cancer in a mammalian subject are provided. The methods of detection or diagnosis indicate the presence of 5T4 positive metastatic cancer or early stage 5T4 positive cancer.

No. of Pages : 31 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :21/08/2014

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : ORAL CARE COMPOSITIONS

<ul> <li>(51) International classification :A61K8/34,A61K8/37,A6</li> <li>(31) Priority Document No :NA</li> <li>(32) Priority Date :NA</li> <li>(33) Name of priority country :NA</li> <li>(86) International Application No Filing Date :02/03/2012</li> <li>(87) International Publication No (61) Patent of Addition to Application Number Filing Date :NA</li> <li>(62) Divisional to Application Number Filing Date :NA</li> <li>(62) Divisional to Application Number Filing Date :NA</li> <li>(63) Patent of Addition to Application Number :NA</li> <li>(64) Patent of Addition to Application Number :NA</li> <li>(65) Divisional to Application :NA</li> <li>(66) Divisional to Application :NA</li> <li>(61) Patent of Addition to Application Number :NA</li> <li>(62) Divisional to Application :NA</li> <li>(63) Patent of Application :NA</li> <li>(64) Patent of Application :NA</li> <li>(65) Divisional to Application :NA</li> <li>(66) Patent :NA</li> <li>(61) Patent :NA</li> <li>(62) Divisional to Application :NA</li> <li>(63) Patent :NA</li> <li>(64) Patent :NA</li> <li>(65) Patent :NA</li> <li>(65) Patent :NA</li> <li>(65) Patent :NA</li> <li>(7) Patent :NA</li> <li>(8) Patent :NA</li> <li>(8) Patent :NA</li> <li>(8) Patent :NA</li> <li>(9) Patent :NA</li></ul>	<ul> <li>(71)Name of Applicant : <ol> <li>COLGATE PALMOLIVE COMPANY</li> <li>Address of Applicant :300 Park Avenue New York New York</li> <li>10022 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>FEI Lin</li> <li>YANG Ying</li> <li>JARACZ Stanislav</li> <li>XU Guofeng</li> </ol> </li> </ol></li></ul>
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(57) Abstract :

Described herein are compositions comprising isopropyl magnolol; a surfactant system; and an orally acceptable carrier together with methods of making and using the same.

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

(19) INDIA

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : A METHOD FOR MAKING POUCHES AND A POUCH AS SUCH

(31) Priority Document No:1200(32) Priority Date:10/02(33) Name of priority country:EPO(86) International Application No:PCT/Filing Date:28/09	/FP2012/004081	<ul> <li>(71)Name of Applicant :</li> <li>1)TEEPACK SPEZIALMASCHINEN GMBH &amp; CO. KG Address of Applicant :D<sup>1</sup>/<sub>4</sub>sseldorfer Strasse 73 D 40667</li> <li>Meerbusch Germany</li> <li>2)MOLINS PLC</li> <li>(72)Name of Inventor :</li> <li>1)LAMBERTZ Stefan</li> <li>2)HADDOW Phil</li> <li>3)WHITLOCK Peter John</li> <li>4)WIGGETT Bradley</li> <li>5)KLEIN Michael</li> <li>6)KNOPS Hans</li> <li>7)REICHEL Wolfgang</li> </ul>
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(57) Abstract :

The present invention relates to a pouch (P) and a method for making the same. In the inventive method which is adapted to produce pouches (P) having a limited amount of fusible material a heat sealable cord (76) is arranged on a web (10) forming confronting side surface (96) of each pouch (P). Those confronting side surfaces (96) are fused by heating the heat sealable cord (76). The present invention furthermore provides a pouch (P) in particular containing a brewable or extractable commodity such as tea with a pocket (113) defined between confronting side surfaces (96) of a web (10). The pouch (P) of the present invention can have a limited amount of fusible material as the confronting side surfaces (96) are joined by solidified melt of a heat sealable cord (76) arranged in vicinity of at least one edge (40 116 117) of the pouch (P).

No. of Pages : 34 No. of Claims : 18

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : TAM RECEPTORS AS VIRUS ENTRY COFACTORS

(51) International classification	:C0/K14/4/,C0/K14//05,C0/K16/18	(71)Name of Applicant : 1)INSTITUT NATIONAL DE LA SANTE ET DE LA
(31) Priority Document No		RECHERCHE MEDICALE (INSERM)
(32) Priority Date	:21/02/2012	Address of Applicant :101 rue de Tolbiac F 75013 Paris
(33) Name of priority country	:EPO	France 2)CENTRE NATIONAL DE LA RECHERCHE
(86) International Application No Filing Date	:PCT/EP2013/053388 :20/02/2013	SCIENTIFIQUE 3)UNIVERSITE PARIS DIDEROT (72)Name of Inventor :
(87) International Publication No	:WO 2013/124324	1)AMARA Ali 2)MEERTENS Laurent
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

The present invention concerns the use of an inhibitor of an interaction between phosphatidylserine and a TAM receptor for preventing or treating a virus entry cofactors in particular phosphatidylserine harboring virus infection such as flavivirus infection.

No. of Pages : 62 No. of Claims : 18

(21) Application No.7023/DELNP/2014 A

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : TIM RECEPTORS AS VIRUS ENTRY COFACTORS

(51) International classification	.0/K14/4/,00/K14//05,00/K16/18	(71)Name of Applicant : 1)INSTITUT NATIONAL DE LA SANTE ET DE LA
(31) Priority Document No	:12305193.0	<b>RECHERCHE MEDICALE (INSERM)</b>
(32) Priority Date	:21/02/2012	Address of Applicant :101 rue de Tolbiac F 75013 Paris
(33) Name of priority country	:EPO	France 2)CENTRE NATIONAL DE LA RECHERCHE
(86) International	:PCT/EP2013/053391	SCIENTIFIQUE
Application No Filing Date	:20/02/2013	3)UNIVERSITE PARIS DIDEROT (72)Name of Inventor :
(87) International Publication No	:WO 2013/124327	1)AMARA Ali 2)MEERTENS Laurent
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

The present invention concerns the use of an inhibitor of an interaction between phosphatidylserine and a TIM receptor for preventing or treating a virus entry cofactors in particular phosphatidylserine harboring virus infection such as flavivirus infection.

No. of Pages : 51 No. of Claims : 18

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : SET DELAYED CEMENT COMPOSITIONS COMPRISING PUMICE AND ASSOCIATED 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></ul>	:C04B28/02,C09K8/42,C09K8/46 :13/417001 :09/03/2012 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)HALLIBURTON ENERGY SERVICES INC. Address of Applicant :10200 Bellaire Blvd. Houston Texas</li> <li>77072 U.S.A.</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> </ul>	:PCT/US2013/029489 :07/03/2013 :WO 2013/134456	<ul> <li>(72)Name of Inventor :</li> <li>1)BROTHERS Lance E.</li> <li>2)PISKLAK Thomas J.</li> </ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A variety of methods and compositions are disclosed, including, in one embodiment, a method of cementing in a subterranean formation, comprising: providing a set-delayed cement composition comprising water, pumice, hydrated lime, and a set retarder; activating the set-delayed cement composition; 10 introducing the set-delayed cement composition into a subterranean formation; and allowing the set-delayed cement composition to set in the subterranean formation.

No. of Pages : 24 No. of Claims : 22

(21) Application No.7025/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : RESISTANCE MEASUREMENT SYSTEM AND METHOD OF USING 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>(34) PCT/US2013</li> <li>(35) DATE</li> <li>(35) PCT/US2013</li> <li>(35) DATE</li> <li>(36) Patent of Addition to</li> <li>(37) International Publication</li> <li>(36) Patent of Addition to</li> <li>(37) Patent of Addition to</li> <li>(38) Application Number</li> <li>(39) Filing Date</li> <li>(30) PCT/US2013</li> <li>(31) PCT/US2013</li> <li>(32) PCT/US2013</li> <li>(33) PCT/US2013</li> <li>(35) DATE</li> <li>(35) PCT/US2013</li> <li>(36) PCT/US2013</li> <li>(37) PCT/US2013</li> <li>(37) PCT/US2013</li> <li>(37) PCT/US2013</li> <li>(37) PCT/US2013</li> <li>(38) PCT/US2013</li> <li>(37) PCT/US2013</li> <li>(38) PCT/US2013</li> <li>(38) PCT/US2013</li> <li>(38) PCT/US2013</li> <li>(38) PCT/US2013</li> <li>(39) PCT/US2013</li> <li>(31) PCT/US2013</li> <li>(31) PCT/US2013</li> <li>(32) PCT/US2013</li> <li>(32) PCT/US2013</li> <li>(31) PCT/US2013</li> <li>(32) PCT/US2013</li> <li>(32) PCT/US2013</li> <li>(33) PCT/US2013</li> <li>(34) PCT/US2013</li> <li>(35) PCT/US2013</li> <li>(36) PCT/US2013</li> <li>(36) PCT/US2013</li> <li>(37) PCT/US2013</li> <li>(38) PCT/US2013</li> <li>(38) PCT/US2013</li> <li>(38) PCT/US2013</li> <li>(38) PCT/US2013</li> <li>(38) PCT/U</li></ul>	2)GAIGLER Randy L. 3)FLEISCHER Corey A. 4)I III Han
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(57) Abstract :

A quality control system for the manufacture of carbon nanostructure laden substrates includes a resistance measurement module for continuously measuring resistance of the carbon nanostructure (CNS) laden substrate.

No. of Pages : 31 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :21/08/2014

#### (43) Publication Date : 10/04/2015

(54) Title of the invention : ORAL CARE	E 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 Filing Date</li> </ul>	:A61C17/02 :13/413760 :07/03/2012 :U.S.A. :PCT/US2013/029057 :05/03/2013 :WO 2013/134229 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MCNEIL PPC INC. Address of Applicant :199 Grandview Road Skillman New Jersey 08558 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)MCDONOUGH Justin E.</li> <li>2)FUSI Robert W. II</li> <li>3)FOUGERE Richard J.</li> </ul>

(57) Abstract :

A device for directing a fluid onto a plurality of surfaces of the oral cavity the device including a chamber for maintaining the fluid proximate the surfaces where the chamber is defined by front rear and base inner walls of the device and the front and rear inner walls each include a plurality of openings the devices further including a first manifold a second manifold a third manifold and a fourth manifold a first port a second port a third port and a fourth port; and means for providing an effective seal of the device within the oral cavity.

No. of Pages : 50 No. of Claims : 10

#### (19) INDIA

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 10/04/2015

	510 51 51 Elvi	
(51) International classification	:A01B	(71)Name of Applicant :
(31) Priority Document No	:10-2011- 0014232	1)GREEN PLUS CO., LTD. Address of Applicant :552, JISEOK-RI, EUNGBONG-
(32) Priority Date	:17/02/2011	MYEON, YESAN-GUN, CHUNGCHEONGNAM-DO, 340-824,
(33) Name of priority country	:Republic of Korea	REPUBLIC OF KOREA 2)PARK, YOUNG HWAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PARK, YOUNG, HWAN
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : PLANT CULTIVATION SYSTEM

#### (57) Abstract :

Disclosed is a plant cultivation system for environmentally growing a variety of plants with all-weather, regardless of the natural environment or a place and for significantly increasing the production per unit area. The plant cultivation system includes: a circulatory system 20 including a plurality of axises 24 installed in a corresponding portion of a frame 13 installed in a cultivation room 10; a plurality of chain gear 22 axis-installed in the plurality of axises 24 respectively; a left and a right chains 23 for chaining the plurality of chain gear 22 to be hanged by turn; and a deduction motor 21 connected and installed onto any axis of the plurality of axises 24; a plurality of cultivating pot members 30 including a can body 31 having an opening in an upper surface, and a hook plate 32, fixed to left and right ends of the upper surface of the can body, for axis coupling and installing by hanging onto left and right hook axises 26 horizontally fixed in an inner space of the left and a right chains 23 which is faced each other at regular intervals; and for moving and circulating in the inner space of the cultivation room 10 by rotatably installing as hanging between the left and a right chains 23 by the left and right hook axises 26 and the hook plate 32; a medicinal fluid supplier 40 for providing the medicinal fluid to the plurality of cultivating pot members 30; and an air blower 50, installed in the cultivation room 10, for providing the filtered external air to an interior or for circulating the inner air.

No. of Pages : 74 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : DEVICE FOR	R EXHAUST PURIFICA	TION
<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:F01N3/20,F01N3/28 :10 2012 004 291.4 :02/03/2012	(71)Name of Applicant : 1)EMITEC GESELLSCHAFT FR EMISSIONSTECHNOLOGIE MBH
<ul> <li>(32) Fibrity Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:Germany :PCT/EP2013/054094 :28/02/2013 :WO 2013/127955	Address of Applicant :Hauptstrae 128 53797 Lohmar
<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	2)BRCK Rolf

(57) Abstract :

The invention relates to a device (1) comprising a pipeline section (2) for an exhaust gas flow (4). The pipeline section has an inlet end (3) an outlet end (5) a straight section (30) a bulge (17) having an opening (31) for installing an adding device (7) for a liquid additive (in particular urea/water solution) in the straight section (30) wherein the bulge (17) has a height (32) and an extent (33) and the extent (33) is at least twice as large as the height (32). Furthermore at least one respective disk shaped honeycomb body (6) is arranged at the inlet end (3) and at the outlet end (5) wherein a center axis (34) of the opening (31) is oriented toward one of the disk shaped honeycomb bodies.

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

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

### (54) Title of the invention : ELECTRICAL INSULATION PAPER METHODS OF MANUFACTURE AND ARTICLES MANUFACTURED THEREFROM

<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 <ul> <li>Filing Date</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></li></ul>	:D04H1/341,B32B3/24,B32B2//12 :61/618014 :30/03/2012 :U.S.A. :PCT/US2013/034527 :29/03/2013 :WO 2013/149105 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SABIC INNOVATIVE PLASTICS IP B.V. Address of Applicant :Plasticslaan 1 NL 4612PX Bergen op Zoom Netherlands</li> <li>(72)Name of Inventor :</li> <li>1)DAVID Benny Ezekiel</li> </ul>
Filing Date	:NA	

#### (57) Abstract :

Fibrous substrates containing polyetherimides and other synthetic fibers are disclosed along with methods of preparing electrical insulation paper and articles comprising the fibrous substrates.

No. of Pages : 39 No. of Claims : 24

(21) Application No.6981/DELNP/2014 A

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : SAMPLE COLLECTION DEVICES WITH BLOOD STABILIZING AGENTS

<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 N</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:61/594152 :02/02/2012 :U.S.A. :PCT/US2013/024416 :01/02/2013	<ul> <li>(71)Name of Applicant :</li> <li>1)BECTON DICKINSON AND COMPANY Address of Applicant :1 Becton Drive Franklin Lakes NJ 07417 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)HOKE Randal Alan</li> <li>2)DUDARONEK Justyna</li> <li>3)MOSKOWITZ Keith A.</li> <li>4)SINQUETT Frank</li> </ul>
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(57) Abstract :

Disclosed are devices for collecting and stabilizing blood or plasma and which contain an anti coagulant an antiplatelet agent and a solubilization agent and which may optionally include at least one other blood stabilization agent. Methods of making and using the devices in clinical medicine are also provided.

No. of Pages : 62 No. of Claims : 38

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : CORDLESS HANDSET FOR POWER MANAGEMENT SYSTEM AND POWER MANAGEMENT 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</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:PCT/JP2013/001136 :26/02/2013 :WO 2013/128902 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)PANASONIC CORPORATION <ul> <li>Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka</li> </ul> </li> <li>5718501 Japan</li> <li>(72)Name of Inventor : <ul> <li>1)SASAKI Takayuki</li> <li>2)KUNIYOSHI Kenji</li> <li>3)FURUYA Tomohide</li> <li>4)KOYAMA Masaki</li> <li>5)YAMAMOTO Shinji</li> <li>6)MIZUTA Tomoaki</li> </ul> </li> </ul>
6	:NA :NA	

(57) Abstract :

This cordless handset for a power management system is a cordless handset for a power management system for collecting meter reading data including the amount of electricity from an electric meter that measures the amount of electricity supplied from a power supply to a prescribed location through a power line. The cordless handset is provided with: a first interface for communicating with a higher level device a second interface for wireless communication utilizing radio waves with an electrical device located at a prescribed location; and a third interface for wireless communication utilizing radio waves with a communication terminal. The second interface and third interface is configured to use the same communication protocol.

No. of Pages : 71 No. of Claims : 18

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

### (54) Title of the invention : METHOD AND APPARATUS FOR MANUFACTURING A BODY MADE OF COMPOSITE MATERIAL PROVIDED WITH AN INNER CAVITY WITH AN OUTWARD OPENING

<ul> <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>		<ul> <li>(71)Name of Applicant :</li> <li>1)MAT GLOBAL SOLUTIONS S.L. Address of Applicant :calle Sant Sebastia 202 bis E 08223</li> <li>Terrassa (Barcelona) Spain</li> <li>(72)Name of Inventor :</li> <li>1)CADENS BALLARIN Javier</li> </ul>
No	:WO 2013/110839	
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

A method of manufacturing a body (1) made of composite material such as a shell of a helmet. Said body (1) constitutes a multilayer structure where each layer (2 3 4) is formed by superposed strata comprising portions of fabrics preimpregnated with thermoplastic resin in which at least some of said layers (2 3 4) are formed by woven or non woven LFRTP type preimpregnated fabrics. The outer layer (2) is formed by strata of portions of veil type or felt type fabrics with non woven and non oriented fibers of lengths comprised between 5 and 20 mm. In the method the multilayer structure arranged in a mold is subjected to the action exerted by a bag (15) that is inflated due to pressure occupying the cavity of the mold.

No. of Pages : 36 No. of Claims : 45

(19) INDIA

(22) Date of filing of Application :21/08/2014

#### (43) Publication Date : 10/04/2015

(54) Title of the invention : POWER ME	TER	
<ul> <li>(54) Title of the invention : POWER ME</li> <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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G01R22/00 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)PANASONIC CORPORATION <ul> <li>Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka</li> </ul> </li> <li>5718501 Japan <ul> <li>(72)Name of Inventor :</li> <li>1)ICHIMURA Shogo</li> <li>2)SHIOKAWA Akimi</li> <li>3)NAGATOSHI Hideaki</li> <li>4)NISHIKAWA Makoto</li> <li>5)MIYAMURA Yusuke</li> <li>6)OGAKI Fumitoshi</li> <li>7)WATANABE Takashi</li> </ul> </li> </ul>

(57) Abstract :

A power meter provided with a main unit (1) and a plurality of expansion units (2). The main unit (1) has a unit body (10) provided with a plurality of recesses (12A) in which a plurality of connectors (3) and a plurality of screw terminals (4) are accommodated. Each expansion unit (2) has a unit body (20) provided with a plurality of recesses (22A) in which a plurality of connectors (3) and a plurality of screw terminals (4) are accommodated. In this power meter because the plurality of connectors (3) and the plurality of screw terminals (4) are disposed divided into the recesses (12A or 22A) it is easy to determine the connection point when a worker or a maintenance inspector connects a current transformer resulting in improved operability.

No. of Pages : 28 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :21/08/2014

#### (43) Publication Date : 10/04/2015

(51) International classification	:A46B7/06,A46B5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COLGATE PALMOLIVE COMPANY
(32) Priority Date	:NA	Address of Applicant :300 Park Avenue New York New Yor
(33) Name of priority country	:NA	10022 U.S.A.
(86) International Application No	:PCT/US2012/027163	(72)Name of Inventor :
Filing Date	:01/03/2012	1)MOSKOVICH Robert
(87) International Publication No	:WO 2013/130079	2)WECHSLER Andreas
(61) Patent of Addition to Application	:NA	3)ROONEY Michael
Number	:NA :NA	4)HOHLBEIN Douglas
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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### (54) Title of the invention : ORAL CARE IMPLEMENT

(57) Abstract :

An oral care implement having a head that achieves an enhanced cleaning action during brushing. In one embodiment the invention can be an oral care implement comprising: a handle; a head connected to the handle the head comprising a base structure having a front surface and an opening in the front surface; a carrier having a front surface and a rear surface the carrier comprising a plurality of teeth cleaning elements extending from the front surface the carrier movably supported above the front surface of the base structure so that a gap exists between the rear surface of the carrier and the front surface of the base structure; and a spheroid positioned within the opening so that a first portion of the spheroid protrudes from the front surface of the head into the gap and alters movement of the carrier relative to the head.

No. of Pages : 29 No. of Claims : 24

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : METHOD OF FORMING A HEAD PLATE AND FORMATION OF ORAL CARE IMPLEMENT USING 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</li> <li>No</li> <li>Filing Date</li> </ul>	:A46B5/00,A46B9/06,B29C45/14 :NA :NA :NA :PCT/US2012/028459 :09/03/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)COLGATE PALMOLIVE COMPANY Address of Applicant :300 Park Avenue New York New York</li> <li>10022 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)MOSKOVICH Robert</li> <li>2)ROONEY Michael</li> </ul>
(87) International Publication No	:WO 2013/133848	
(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 forming a head plate for enhanced cleaning action during brushing. In one embodiment the invention can be a method of forming a head plate comprising: a) forming a mounting plate comprising a first section and a second section the first section separated from the second section by a gap a groove formed into the second section that extends from the gap to a cleaning element location; b) positioning the mounting plate in a mold cavity; c) injecting a molten resilient material into the mold cavity so that the molten resilient material: (1) flows into the gap; (2) flows into the groove; and (3) flows into a cleaning element chamber; and d) solidifying the molten resilient material the solidified resilient material in the gap coupling the first and second sections of the plate together the solidified resilient material in the cleaning element chamber forming a first resilient tooth cleaning element.

No. of Pages : 44 No. of Claims : 40

(21) Application No.6949/DELNP/2014 A

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : MULTILAYER COMBUSTIBLE HEAT SOURCE

	:A24B15/16,A24F47/00,A24B15/28 :12156969.3 :24/02/2012 7:EPO h:PCT/EP2013/053460	<ul> <li>(71)Name of Applicant :</li> <li>1)PHILIP MORRIS PRODUCTS S.A. Address of Applicant :Quai Jeanrenaud 3 CH 2000 Neuchtel Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)ROUDIER Stephane</li> <li>2)CLEMENS Enough Lease</li> </ul>
Filing Date	:21/02/2013	2)CLEMENS Frank Joerg 3)MICHEN Marina Ismael
(87) International Publication No	:WO 2013/124357	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	<sup>n</sup> :NA :NA	

(57) Abstract :

(19) INDIA

A MULTILAYER COMBUSTIBLE HEAT SOURCE (2 8) FOR A SMOKING ARTICLE COMPRISES: A COMBUSTIBLE FIRST LAYER (4 10) COMPRISING CARBON; AND A SECOND LAYER (6 12) IN DIRECT CONTACT WITH THE FIRST LAYER THE SECOND LAYER COMPRISING CARBON AND AT LEAST ONE IGNITION AID WHEREIN THE COMBUSTIBLE FIRST LAYER AND THE SECOND LAYER ARE LONGITUDINAL CONCENTRIC LAYERS HAVING A DENSITY OF AT LEAST 0.6 G/CM AND WHEREIN THE COMPOSITION OF THE FIRST LAYER (4 10) IS DIFFERENT FROM THE COMPOSITION OF THE SECOND LAYER (6 12).

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

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : TREATMENT OF CIRCADIAN RHYTHM DISORDERS

(51) International classification	:A61K31/00,A61K31/343,A61P5/00	(71)Name of Applicant : 1)VANDA PHARMACEUTICALS INC.
(31) Priority Document No	:61/590974	Address of Applicant :Suite 300 E 2200 Pennsylvania Ave
(32) Priority Date	:26/01/2012	NW Washington DC 20037 U.S.A.
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2013/023312 :25/01/2013	1)DRESSMAN Marlene Michelle 2)FEENEY John Joseph 3)LICAMELE Louis William
(87) International Publication No	<sup>1</sup> :WO 2013/112949	4)POLYMEROPOULOS Mihael H.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Embodiments of the invention relate to the use of a melatonin agonist in the treatment of free running circadian rhythms in patients including light perception impaired patients e.g. blind patients and to methods of measuring circadian rhythm.

No. of Pages : 93 No. of Claims : 24

(21) Application No.7051/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

#### (51) International classification :A47B21/06 (71)Name of Applicant : (31) Priority Document No 1)KRAMER ELECTRONICS LTD. :217810 (32) Priority Date :29/01/2012 Address of Applicant :3 Am vOlamo Street Jerusalem 95463 (33) Name of priority country :Israel Israel (86) International Application No :PCT/IL2013/000006 (72)Name of Inventor : Filing Date :20/01/2013 1)KRAMER Joseph (87) International Publication No :WO 2013/111125 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

### (54) Title of the invention : REDUCED PROFILE POP UP ELECTRICAL RECEPTACLE ASSEMBLY

(57) Abstract :

A pop up enclosure system (30) for electronic equipment includes a receptacle (31) adapted for mounting in a work surface (15) and containing one or more electrical outlets (32) for connection of equipment thereto and a bezel (33) supported by the receptacle and adapted for countersinking in said work surface. A top plate (34) is dimensioned for closing an opening defined by the bezel and a hinge (35) is mounted at an edge of the top plate and the bezel for hingedly attaching the top plate to the bezel so as to allow rotation of the top plate from a closed position to a fully open position wherein the edge of the top plate abuts an upper surface of the bezel. A releasable resilient opening force (37) is fixed to the receptacle and articulated to the top plate for opening the top plate.

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

(19) INDIA

(22) Date of filing of Application :21/08/2014

#### (43) Publication Date : 10/04/2015

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A46B5/00,A46B15/00 :NA :NA :NA :PCT/US2012/027167 :01/03/2012 :WO 2013/130081 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)COLGATE PALMOLIVE COMPANY Address of Applicant :300 Park Avenue New York New Yor 10022 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)MOSKOVICH Robert</li> <li>2)WECHSLER Andreas</li> <li>3)ROONEY Michael</li> <li>4)HOHLBEIN Douglas</li> </ul>
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#### (54) Title of the invention : ORAL CARE IMPLEMENT

(57) Abstract :

An oral care implement having a head that achieves an enhanced cleaning action during brushing. In one embodiment the invention can be an oral care implement comprising: a handle; a head connected to the handle and comprising a base structure (130) having a front surface (131) a rear surface (132) an island protruding from the rear surface of the base structure and a passageway extending through the base structure from the front surface of the base structure to a rear surface of the island; a resilient soft tissue cleanser (170) on the rear surface of the base structure the resilient soft tissue cleanser comprising an aperture through which the island extends; a mass (180) of a first resilient material positioned within the passageway so that a first portion (181) of the mass protrudes from the front surface of the head and a second portion (182) of the mass protrudes from the island the island isolating the resilient soft tissue cleanser from the mass; and a plurality of teeth cleaning elements (105).

No. of Pages : 33 No. of Claims : 17

(21) Application No.7053/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : UNCONDITIONAL AND IMMEDIATE SERVICE CAPABILITIES FOR RULE BASED SERVICES

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:NA :NA :NA :PCT/EP2012/055402 :27/03/2012 :WO 2013/143577 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden</li> <li>(72)Name of Inventor :</li> <li>1)FORSBERG Mikael</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A methods and apparatus for controlling the presentation of user changeable IP Multimedia Subsystem IMS service rules at a user equipment where service rules conditions and/or actions are defined within an XML document maintained within the IMS network. The XML document includes one or more informational elements identifying the service rules that the user can change which include at least one of an unconditional or immediate based service rule. Upon receipt of the XML document or a fragment thereof the user equipment or a web portal on behalf of the user interprets said informational element(s) and presents to the user an indication in relation to whether the service rules are changeable. In response user defined service rule information may be received and used in changing service rules associated with the user. The user defined service rule information is transmitted to the IMS network for validation and allowable portions of the user defined service rule information are used in updating the service rules associated with the user.

No. of Pages : 44 No. of Claims : 23

(21) Application No.6988/DELNP/2014 A

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : NAVI SERVER NAVI CLIENT AND NAVI 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</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:G08G1/01,G01C21/34,G08G1/00 :2012071724 :27/03/2012 :Japan :PCT/JP2013/058036 :21/03/2013 :WO 2013/146518 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HONDA MOTOR CO. LTD. Address of Applicant :1 1 Minami Aoyama 2 chome Minato ku Tokyo 1078556 Japan</li> <li>(72)Name of Inventor :</li> <li>1)NOGAWA Tadafumi</li> </ul>
(62) Divisional to Application	:NA :NA	

(57) Abstract :

Provided are a navi systen etc. with which it is possible to effect improvement in precision of roadway traffic information which is generated on the basis of probe information. With a navi client (2) probe information is generated in which is included an identifier which represents a sensing result of whether communication is established with a vehicle mounted apparatus (3) etc. With a server communication device (1) when the probe information is either classified or selected according to identifier differences roadway traffic information is generated on the basis of the classified or selected probe information.

No. of Pages : 28 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :20/08/2014

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : USE OF CCR3 INHIBITORS

<ul> <li>(51) International</li> <li>classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No     <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No     <ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:A61K31/4545,A61P27/02,A61P11/00 :12162937.2 :03/04/2012 :EPO :PCT/EP2013/056864 :02/04/2013 :WO 2013/149986 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BOEHRINGER INGELHEIM INTERNATIONAL</li> <li>GMBH <ul> <li>Address of Applicant :Binger Strasse 173 55216 Ingelheim</li> </ul> </li> <li>Am Rhein Germany</li> <li>(72)Name of Inventor : <ul> <li>1)NIVENS Michael Chadham</li> <li>2)BOUYSSOU Thierry</li> <li>3)GOEGGEL Rolf</li> <li>4)SEITHER Peter</li> </ul> </li> </ul>
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

THE PRESENT INVENTION RELATES TO CCR3 INHIBITORS OF FORMULA (1) WHEREIN R1 IS H C ALKYL C ALKYL C CYCLOALKYL C HALOALKYL; R2 IS H C ALKYL; X IS AN ANION SELECTED FROM THE GROUP CONSISTING OF CHLORIDE OR ½ DIBENZOYLTARTRATE J IS 1 OR 2. FOR USE AS A MEDICAMENT FOR THE TREATMENT OF DISEASES SELECTED FROM DRY AGE RELATED MACULAR DEGENERATION (DAMD) WET AGE RELATED MACULAR DEGENERATION (WAMD) RETINOPATHY OF PREMATURITY (ROP) CENTRAL RETINAL VEIN OCCLUSION (CRVO) NASAL POLYPOSIS EOSINOPHILIC ESOPHAGITIS EOSINOPHILLIC GASTROENTERITIS (E.G. EOSINOPHILIC GASTRITIS AND EOSINOPHILIC ENTENTERITIS) HYPER EOSINOPHILIC SYNDROME AND CHURG STRAUSS SYNDROME.

No. of Pages : 20 No. of Claims : 11

(19) INDIA

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

#### (43) Publication Date : 10/04/2015

(54) Title of the invention : ELECTROLYTIC CAPACITOR		
<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 <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)NIPPON CHEMI CON CORPORATION <ul> <li>Address of Applicant :6 4 Osaki 5 chome Shinagawa ku</li> </ul> </li> <li>Tokyo 1418605 Japan <ul> <li>(72)Name of Inventor :</li> <li>1)ASHINO Hirotsugu</li> </ul> </li> </ul>

### (57) Abstract :

Provided is a highly reliable electrolytic capacitor in which short circuiting within a capacitor element is prevented and which reliably operates a pressure valve within a desired voltage range. An electrolytic capacitor having a capacitor element housed in an outer case the capacitor element having an anode foil and a cathode foil separated by a separator wound thereon with each of the anode foil and the cathode foil having a pull out terminal connected thereto wherein a gas release channel for releasing gas generated by the inside of the element is formed at least on the outer peripheral side of the anode foil and thus the internal gas generated inside of the capacitor element can be released to the outside of the element via the end surface of the capacitor element and the occurrence of short circuiting due to contact between the anode foil the cathode foil or the pull out tabs as a result of the deformation of the capacitor element can be suppressed.

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

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

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : SYSTEMS COMPOSITIONS AND METHODS FOR PROVIDING SAFE AND HEALTHY WATER AND WATER BASED PRODUCTS

<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>	:C02F9/00 :61/594064 :02/02/2012 :U.S.A. :PCT/US2013/024615 :04/02/2013 :WO 2013/116828 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)A.O. SMITH CORPORATION <ul> <li>Address of Applicant :11270 West Park Place Milwaukee WI</li> </ul> </li> <li>53224 U.S.A. </li> <li>(72)Name of Inventor : <ul> <li>1)ZHANG Hai Feng</li> </ul> </li> </ul>
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#### (57) Abstract :

A method for providing a safe and healthy water and water based product comprising: testing pretreated reverse osmosis water to determine whether it meets a first set of pre defined specifications; introducing a pre defined nutrient composition into the water wherein the predefined nutrient composition comprising one or more of mineral nutrients trace elements and nutritional supplements; testing the water to determine whether it meets a second set of pre defined specifications; and disinfecting the water along with its container by UV irradiation from a UV light source to obtain a water product.

No. of Pages : 24 No. of Claims : 31

(21) Application No.349/DEL/2012 A

#### (19) INDIA

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : ELECTRONIC IMAGE PICKUP APPARATUS AND ELECTRONIC IMAGE PICKUP METHOD (51) International classification :C09F (71)Name of Applicant : (31) Priority Document No 1) OLYMPUS IMAGING CORP. :2006-045454 (32) Priority Date Address of Applicant :43-2. HATAGAYA 2-CHOME. :22/02/2006 (33) Name of priority country SHIBUYA-KU, TOKYO 151-0072 JAPAN. :Japan (86) International Application No (72)Name of Inventor : :NA **1)ONOMURA KENICHI** Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :146/DEL/2007 Filed on :24/01/2007

(57) Abstract :

An electronic image pickup apparatus comprises a color image pickup element having a plurality of drive modes including at least the first drive mode and the second drive mode. The color-conversion parameter storage section of the apparatus stores the first color-conversion parameter. The color-conversion parameter computing section of the apparatus computes from the first color-conversion parameter. The computation parameter storage section of the apparatus stores the computation parameter for computing the second color-conversion parameter. The color-conversion section of the apparatus converts the color data acquired by the color image pickup element in the first drive mode according to the first color-conversion parameter.

No. of Pages : 59 No. of Claims : 5

(22) Date of filing of Application :08/02/2012

### (54) Title of the invention : ELECTRONICALLY CONDUCTING CARBON AND CARBON-BASED COMPOSITES AND NANOCOMPOSITES BY PYROLYSIS OF DEAD LEAVES

(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NA	MARG, NEW DELHI - 110 001, INDIA Delhi India (72)Name of Inventor : 1)MANDAKINI BISWAL 2)ABHIK BANERJEE
Filing Date :NA (62) Divisional to Application Number :NA	3)SATISHCHANDRA BALKRISHNA OGALE
Filing Date :NA	

(57) Abstract :

The present invention describes electronically conducting carbon and carbon based composites and nanocomposites by pyrolysis of dead leaves and other similar natural waste in reducing ambient. In particular, the invention emphasizes synthesis of valuable functional carbon materials and their nanocomposites from different waste materials such as plant dead leaves and their use in several valuable applications.

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

#### (19) INDIA

(22) Date of filing of Application :09/02/2012

(54) Title of the invention : FUEL HEATER SET WITH FUSE EFFECT

(43) Publication Date : 10/04/2015

<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>	:B23B :PI 1100311-1 :11/02/2011 :Brazil :NA :NA :NA :NA :NA :NA :NA	<ul> <li>01, JARDIM SANTA RITA DE CASSIA, HORTOLANDIA-SP</li> <li>13184-654, BRAZIL</li> <li>(72)Name of Inventor : <ol> <li>EDUARDO DOS SANTOS COSTA</li> <li>MARCELO RENATO CAVAGLIERI</li> <li>GUILHERME HENRIQUE MAYER ALEGRE</li> <li>CLEBER DE JESUS LOPES</li> </ol> </li> </ul>
(62) Divisional to Application Number	:NA	5)MARCO AURELIO DUDUCH
Filing Date	:NA	6)FERNANDO LUIZ WINDLIN

(57) Abstract :

The present invention discloses a device to heat fuel (1,7) with a safety feature (fuse effect). Said heating device can be operated with ethanol, gasoline or a mixture of ethanol and gasoline. Said heating device (1, 7) is an integrant part of the electronic injection system of internal combustion engines. Said heating device is assembled inside the fuel rail (3) and its function is to increase fuel temperature before, during and after ignition at temperatures specified by the engine calibration strategy.

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

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : PROCESS FOR THE PRODUCTION OF ACETIC ACID AND DIEMTHYL ETHER

<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>	:12250048.1 :23/02/2012 :EPO	<ul> <li>(71)Name of Applicant :</li> <li>1)BP CHEMICALS LIMITED Address of Applicant :Chertsey Road Sunbury on Thames </li> <li>Middlesex TW16 7BP U.K.</li> <li>(72)Name of Inventor : 1)CLARK Thomas Edward </li> <li>2)SUNLEY John Glenn</li></ul>
Filing Date (87) International Publication		
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	n:NA :NA	

(57) Abstract :

A process for the production of acetic acid and dimethyl ether by contacting a mixture of methanol and methyl acetate with a zeolite catalyst wherein the zeolite has a 2 dimensional channel system comprising at least one channel having a 10 membered ring and having at least 5% of its cation exchange capacity occupied by one or more alkali metal cations.

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

(21) Application No.7082/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : PHARMACEUTICAL FORMULATIONS COMPRISING CCR3 ANTAGONISTS

<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 Ne</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 <ul> <li>Filing Date</li> </ul> </li> </ul>	:12163078.4 :04/04/2012 :EPO :PCT/EP2013/056867 :02/04/2013	<ul> <li>(71)Name of Applicant :</li> <li>1)BOEHRINGER INGELHEIM INTERNATIONAL</li> <li>GMBH <ul> <li>Address of Applicant :Binger Strasse 173 55216 Ingelheim</li> </ul> </li> <li>Am Rhein Germany</li> <li>(72)Name of Inventor : <ul> <li>1)FETSCHER Alfred</li> <li>2)SCHER Jochen Matthias</li> </ul> </li> </ul>
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#### (57) Abstract :

THE PRESENT INVENTION RELATES TO PHARMACEUTICAL COMPOSITIONS CONTAINING COMPOUNDS OF FORMULA (1) WHEREIN R IS H C ALKYL C ALKYL C CYCLOALKYL C HALOALKYL; R IS H C ALKYL; X IS AN ANION SELECTED FROM THE GROUP CONSISTING OF CHLORIDE OR ½ DIBENZOYLTARTRATE J IS 1 OR 2. PROCESSES FOR THE PREPARATION THEREOF AND THEIR USE TO TREAT DISEASES CONNECTED WITH THE CCR3 RECEPTOR

No. of Pages : 41 No. of Claims : 17

(19) INDIA

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

(54) Title of the invention : FLUID FRICTION CLUTCH		
<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)BORGWARNER INC. Address of Applicant :Patent Department 3850 Hamlin Road Auburn Hills Michigan 48326 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)BUCHHOLZ Thomas</li> </ul>

#### (57) Abstract :

The invention relates to a fluid friction clutch (1) having a housing (2 3) having a clutch disk (4) which is rotatable relative to the housing (2 3) and which is rotatably arranged on an end (5) of a shaft (6) which is mounted centrally within the housing (2 3); having a working chamber (9) between the housing (2 3) and the clutch disk (4); having a storage chamber (10) for clutch fluid; having a supply duct (11) which leads from the storage chamber (10) to the working chamber (9); having a stationary clutch part (13) relative to which the housing (2 3) is rotatable; and having a pump element (14) wherein the pump element (14) defines a shear gap (12) with an annular wall (19) arranged in the storage chamber (10) wherein an active element (7) is fastened to the housing (2 3) and wherein the shear gap (12) can be regulated by means of an electric motor (20) which is mounted on the shaft (6).

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

(19) INDIA

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

(51) International classification	:G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:13/398602	1)AMAZON TECHNOLOGIES INC.
(32) Priority Date	:16/02/2012	Address of Applicant :PO Box 8102 Reno NV 89507 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2013/025865	1)LEHMANN Sebastian
Filing Date	:13/02/2013	2)SUNDARESAN Subramanian
(87) International Publication No	:WO 2013/122999	3)DOSHI Harkik B.
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		

#### (54) Title of the invention : CONTAINER SELECTION IN A MATERIALS HANDLING FACILITY

(57) Abstract :

Described herein are systems and techniques for recommending custom containers in a materials handling facility dependent on physical characteristics of an item or group of items to be shipped and/or dependent upon estimated shipping costs. For example the systems described herein may determine dimensions for forming a custom container within the materials handling facility that is capable of containing an item or group of items for shipment. The total cost to ship the item or group of items in the custom container or a standard container can also be determined and the container with the lowest total cost may be recommended for use in packaging the item or group of items for shipment.

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

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : PROCESS FOR THE PREPARATION OF AZILSARTAN MEDOXOMIL OR PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF

(51) International classification	:C07D413/14	(71)Name of Applicant :
(31) Priority Document No	:294/DEL/2012	1)RANBAXY LABORATORIES LIMITED
(32) Priority Date	:02/02/2012	Address of Applicant :Head Office: 12th Floor Devika Tower
(33) Name of priority country	:India	06 Nehru Place New Delhi Delhi 110019 Delhi India
(86) International Application No	:PCT/IB2013/050803	(72)Name of Inventor :
Filing Date	:30/01/2013	1)AZAD Md Abul Kalam
(87) International Publication No	:WO 2013/114305	2)KSHIRSAGAR Prakash Bhimaji
(61) Patent of Addition to Application	:NA	3)SINGH Shravan Kumar
Number	:NA	4)TIWARI Anand Prakash
Filing Date	.INA	5)SINGH Kaptan
(62) Divisional to Application Number	:NA	6)PRASAD Mohan
Filing Date	:NA	7)ARORA Sudershan Kumar
(57) 11		1

(57) Abstract :

The present invention relates to a process for the preparation of azilsartan medoxomil or pharmaceutically acceptable salts thereof.

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

(19) INDIA

(22) Date of filing of Application :20/08/2014

#### (43) Publication Date : 10/04/2015

(54) Title of the invention : PREGABAI	LIN GR TABLETS	
<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A61K9/20,A61K31/197 :249/DEL/2012 :30/01/2012 :India :PCT/IB2013/050762 :29/01/2013 :WO 2013/114281 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)RANBAXY LABORATORIES LIMITED Address of Applicant :Head Office: 12th Floor Devika Tower 06 Nehru Place New Delhi Delhi 110019 Delhi India (72)Name of Inventor :</li> <li>1)KUMAR Varinder</li> <li>2)AHMAD Shavej</li> <li>3)SINGH Romi Barat</li> </ul>

(57) Abstract :

The present invention relates to a gastroretentive tablet comprising pregabalin, an acrylic acid polymer, one or more swellable polymers, and other pharmaceutically acceptable excipients. It further relates to a process for the preparation of same.

No. of Pages : 11 No. of Claims : 4

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

(43) Publication Date : 10/04/2015

### (54) Title of the invention : METAL POWDERDOUS CATALYST COMPRISING A FE ALLOY

<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> </ul>	:B01J23/60,B01J37/02,B01J35/00 :12156836.4 :24/02/2012 :EPO :PCT/EP2013/053513 :22/02/2013 :WO 2013/124393	<ul> <li>(71)Name of Applicant :</li> <li>1)DSM IP ASSETS B.V. Address of Applicant :Patent Department Het Overloon 1 NL</li> <li>6411 The Heerlen Netherlands</li> <li>(72)Name of Inventor :</li> <li>1)BONRATH Werner</li> <li>2)BUSS Axel</li> </ul>
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

The present invention is related to a new metal powder catalytic system (catalyst) comprising a Fe alloy as a carrier its production and its use in hydrogenation processes.

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

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

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : HONEYCOMB PAPER

classification       1004H1/4342,B29D99/00,B32B3 //14         (31) Priority Document No       :61/617981         (32) Priority Date       :30/03/2012         (33) Name of priority       :U S A	<ul> <li>71)Name of Applicant :</li> <li>1)SABIC INNOVATIVE PLASTICS IP B.V. Address of Applicant :Plasticslaan 1 NL 4612PX Bergen op foom Netherlands</li> <li>72)Name of Inventor :</li> <li>1)DAVID Benny Ezekiel</li> </ul>
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#### (57) Abstract :

A consolidated fibrous mat comprises 20 to 50 weight percent of reinforcing fibers; and a continuous phase connecting the reinforcing fibers comprising 50 to 70 weight percent of a polymer having a melt temperature at least 20°C lower than the reinforcing fibers and 5 to 10 weight percent of a binder having a melt temperature lower than the polymer; wherein the weight percent of each of the reinforcing fibers the polymer and the binder is based on the combined total weight of the reinforcing fibers the polymer and the binder.

No. of Pages : 38 No. of Claims : 16

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

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : APPARATUS AND METHOD FOR DETECTING LEAKAGE FROM A COMPOSITION CONTAINING POUCH

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> </ul>	:G01M3/22,C11D3/42,G01M3/38 :13/406254 :27/02/2012 :U.S.A. :PCT/US2013/027315 :22/02/2013 :WO 2013/130348 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)THE PROCTER &amp; GAMBLE COMPANY Address of Applicant :One Procter &amp; Gamble Plaza Cincinnati OH 45202 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)KHALAF Suzanne</li> <li>2)MESKENS Stefan</li> <li>3)JOHNSON Kerry Brian</li> <li>4)BYRD Leon Jr.</li> </ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)BYRD Leon Jr.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An apparatus and a method for detecting leakage from a composition containing pouch during the high speed manufacturing process. The apparatus comprises: a platen comprising a pouch cavity and a plurality of platen edges adjacent to the cavity; an image capturing unit; an image processing unit; and ultraviolet light emitting source. The composition itself comprises a fluorescent whitening compound. The ultra violet emitting light source is arranged to illuminate the cavity and plurality of platen edges. The image capturing unit is arranged to capture an image of the illuminated cavity and plurality of platen edges. The image capturing unit is communicably attached to the image processing unit.

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

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

(43) Publication Date : 10/04/2015

(54) Title of the invention : REPLENISHING COMPOSITIONS AND METHODS OF REPLENISHING PRETREATMENT COMPOSITIONS

#### (57) Abstract :

Disclosed are replenisher compositions and methods of replenishing pretreatment compositions. The methods include adding a replenisher composition to a pretreatment composition wherein the replenisher composition includes (a) a zirconium complex and also optionally includes: (b) a dissolved complex metal fluoride ion wherein the metal ion comprises a Group IIIA metal Group IVA metal Group IVB metal or combinations thereof; (c) a component comprising an oxide hydroxide or carbonate of Group IIIA Group IVA Group IVB metals; or combinations thereof; and/or (d) a dissolved metal ion comprising a Group IB metal Group IIB metal Group VIII metal Lanthanide Series metal or combinations thereof.

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

(19) INDIA

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

(43) Publication Date : 10/04/2015

(51) International classification	:F16H7/08,F16H7/18	(71)Name of Applicant :
(31) Priority Document No	:61/595407	1)BORGWARNER INC.
(32) Priority Date	:06/02/2012	Address of Applicant : Patent Department 3850 Hamlin Road
(33) Name of priority country	:U.S.A.	Auburn Hills Michigan 48326 U.S.A.
(86) International Application No	:PCT/US2013/023549	(72)Name of Inventor :
Filing Date	:29/01/2013	1)CHEKANSKY Jason
(87) International Publication No	:WO 2013/119412	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (54) Title of the invention : VARIABLE FLOW HYDRAULIC CHAIN TENSIONER

(57) Abstract :

A variable flow hydraulic tensioner (10) for a chain or belt can include a fixed member (12) having a first port (12a) and a movable member (14) in engaged with the fixed member (12). The movable member (14) can include a second port (14a) initially aligned with respect to the first port (12a) to allow fluid flow therethrough. A first spring (16) can bias the movable member (14) with respect to the fixed member (12) to align the first and second ports (12a 14a) with respect to one another to allow fluid flow therethrough. A second spring (18) can have less spring force than the first spring (16) to bias the movable member (14) in an opposite direction with respect to the fixed member (12) such that as the chain or belt wears a differential force between the first and second springs (16 18) diminishes until the movable member (14) moves relative to the fixed member (12) sufficiently to offset the first and second ports (12a 14a) with respect to one another to allow fluid second springs (16 18) diminishes until the movable member (14) moves relative to the fixed member (12) sufficiently to offset the first and second ports (12a 14a) with respect to one another to prevent fluid flow therethrough.

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

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

(43) Publication Date : 10/04/2015

### (54) Title of the invention : PRINTING METHOD WITH OXIDATIVE DRYING INTAGLIO INK AND UV VIS CURABLE INTAGLIO INKS

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> </ul>	n:B41M1/10,B41M3/14,B42D15/00 :12160940.8 :23/03/2012 :EPO :PCT/EP2013/054861 :11/03/2013 :WO 2013/139636	<ul> <li>1)SICPA HOLDING SA Address of Applicant :Avenue de Florissant 41 CH 1008 Prilly Switzerland</li> <li>(72)Name of Inventor : <ol> <li>DEGOTT Pierre</li> <li>MAGNIN Patrick</li> <li>LEFEBVRE Olivier</li> <li>SCHALLER Christophe</li> </ol> </li> </ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	5)SPITTELER Jean Daniel

(57) Abstract :

The present invention relates to the field of the intaglio printing process. In particular the present invention relates to a method that combines intaglio inks curable by oxidation with UV VIS curable intaglio inks on one intaglio plate or cylinder. The disclosed method results in an intaglio printed security element using advantageously the unalike properties of the different inks while enabling the printing on a standard printing press in one printing step.

No. of Pages : 35 No. of Claims : 16

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

(43) Publication Date : 10/04/2015

## (54) Title of the invention : LIQUID HOLDING BODY FOR LITHIUM SECONDARY BATTERIES AND LITHIUM SECONDARY BATTERY

<ul><li>(51) International</li><li>classification</li><li>(31) Priority Document</li></ul>	:H01M10/0587,H01M2/16,H01M10/0525	<ul> <li>(71)Name of Applicant :</li> <li>1)SEI Corporation</li> <li>Address of Applicant :862 2 Hisaishinmachi Tsu shi Mie</li> </ul>
No	:2012041928	5141118 Japan
(32) Priority Date	:28/02/2012	2)NIPPON KODOSHI CORPORATION
(33) Name of priority country	:Japan	(72)Name of Inventor : 1)SAWAI Takehiko
(86) International Application No Filing Date	:PCT/JP2012/056998 :19/03/2012	2)SAITO Shinji 3)URAO Kazunori 4)USHIMOTO Jyunichi
(87) International Publication No	:WO 2013/128652	5)UETA Masahiko 6)WADA Norihiro
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided are: a liquid holding body for lithium secondary batteries which is capable of holding an electrolyte solution within an electrode or at the interface between the electrode and a separator thereby preventing depletion of the electrolyte solution within the electrode and which is also capable of suppressing deposition and growth of dendrite; and a lithium secondary battery which uses the liquid holding body for lithium secondary batteries and is capable of achieving cycle life that is suitable for industrial applications. A liquid holding body (3) for lithium secondary batteries which is obtained by having an organic electrolyte solution permeate into or impregnated into an electrode group that is obtained by winding or laminating a positive electrode plate (2) and a negative electrode plate (1) with the liquid holding body (3) that serves as a separator being interposed therebetween. This liquid holding body (3) for lithium secondary structure which has two hydrophilic fiber layers (A B) that have different porosities. The porosity (40 80%) of the fiber layer (A) that is on the side of the interface with the negative electrode plate (1) is lower than the porosity (60 90%) of the fiber layer (B) that is on the side of the interface with the positive electrode plate (2) and the average porosity of these fiber layers as a whole is 50% or more. In addition the fiber layers are mainly formed from a cellulose fiber and the negative electrode plate (1) is a carbon material.

No. of Pages : 40 No. of Claims : 9

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

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : METHOD FOR REFINING HOT METAL IN CONVERTER

<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 Not Filing Date</li> <li>(87) International Publication Not</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> </ul>	) :PCT/JP2013/001997 :25/03/2013	<ul> <li>1)JFE STEEL CORPORATION Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda ku Tokyo 1000011 Japan</li> <li>(72)Name of Inventor : <ol> <li>NAKASE Kenji</li> <li>TAKAHASHI Yukio</li> <li>KIKUCHI Naoki</li> <li>OKUYAMA Goro</li> </ol> </li> </ul>
Application Number Filing Date		4)OKUYAMA Goro 5)SATO Shingo
(62) Divisional to Application Number Filing Date	:NA :NA	6)UCHIDA Yuichi 7)MIKI Yuji

#### (57) Abstract :

(19) INDIA

Provided is a method for refining hot metal in a converter that is used during the formation of flames by using a burner in a tip end portion of a top blowing lance the wearing of the heat of the flames onto the hot metal and the dephosphorization and decarburization refining of the hot metal in the converter. According to the present invention there is no concern of heat generation and combustion of the top blowing lance in a flow path wearing heat efficiency and productivity are excellent and it is possible to increase the blending ratio of a cold iron source such as iron scrap. A top blowing lance (3) that comprises a refining powder supply flow path a combustion oxidizing gas supply flow path and a refining oxidizing gas supply flow path is used to supply one or more types of refining powder (29) among a lime based solvent medium iron oxide and a combustible material and fuel gas or gas in which the fuel gas is mixed with inert gas as transport gas from the refining powder supply flow path so as to form the flames downward from a tip of the top blowing lance and refining oxidizing gas supply flow path so as to form the flames downward the hot metal bath surface.

No. of Pages : 47 No. of Claims : 3

#### (19) INDIA

(22) Date of filing of Application :21/08/2014

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : MULTIPLE COIL FLUX PAD

<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> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> </ul>	:PCT/NZ2013/000016 :15/02/2013 :WO 2013/122483	<ul> <li>(71)Name of Applicant :</li> <li>1)AUCKLAND UNISERVICES LIMITED Address of Applicant :Level 10 70 Symonds Street Auckland 1010 New Zealand</li> <li>(72)Name of Inventor :</li> <li>1)COVIC Grant Anthony</li> <li>2)BOYS John Talbot</li> </ul>
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a magnetic flux pad for generating or receiving magnetic flux comprising at least three coils positioned such that the windings thereof are in substantially the same plane and a power supply or pickup controller operable to selectively energise or receive power from two or more of the coils such that a magnetic field is produced or received by at least one of a plurality of pairs of the at least three coils. In preferred embodiments the three or more coils are substantially mutually decoupled overlapping and/or equidistantly spaced from one another.

No. of Pages : 44 No. of Claims : 36

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : BINDER COMPOSITION FOR PRODUCING TEMPLATE AND METHOD FOR PRODUCING TEMPLATE

<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>	:B22C1/22 :2012053718 :09/03/2012 :Japan :PCT/JP2013/055505 :28/02/2013 :WO 2013/133131 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KAO CORPORATION <ul> <li>Address of Applicant :14 10 Nihonbashi Kayabacho 1 chome</li> </ul> </li> <li>Chuo ku Tokyo 1038210 Japan <ul> <li>(72)Name of Inventor :</li> <li>1)MATSUOToshiki</li> <li>2)WATANABEMasahiko</li> <li>3)YASHIROKai</li> </ul> </li> </ul>
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#### (57) Abstract :

A binder composition for producing a template which comprises a 5 hydroxymethylfurfural composition produced from molasses and an acid curable resin. It is preferred that the 5 hydroxymethylfurfural composition is produced through a step of subjecting molasses to a dehydration reaction in a solvent in the presence of an acid catalyst to produce a reaction mixture and a step of extracting the reaction mixture with an organic solvent to produce the 5 hydroxymethylfurfural composition and it is more preferred that the content ratio of the 5 hydroxymethylfurfural composition is 1 to 50 wt% inclusive.

No. of Pages : 58 No. of Claims : 18

(21) Application No.7036/DELNP/2014 A

(19) INDIA(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

### (54) Title of the invention : DEFINED MEDIA FOR EXPANSION AND MAINTENANCE OF PLURIPOTENT STEM CELLS

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:C12N5/0735,C12N5/02 :61/607706 :07/03/2012 :U.S.A. :PCT/US2013/029360 :06/03/2013 :WO 2013/134378 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)JANSSEN BIOTECH INC. Address of Applicant :800/850 Ridgeview Drive Horsham Pennsylvania 19044 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)REZANIA Alireza</li> </ul>
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(57) Abstract :

The present invention provides methods to promote the proliferation of undifferentiated pluripotent stem cells in defined media. Specifically the invention provides a defined cell culture formulation for the culture maintenance and expansion of pluripotent stem cells wherein culturing stem cells in the defined cell culture formulation maintains the pluripotency and karyotypic stability of the cells for at least 10 passages. Further disclosed is a cell population grown under defined media conditions that express OCT4 SOX2 NANOG and FOXA2.

No. of Pages : 52 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

#### (51) International classification :F16H3/44,F16H3/66 (71)Name of Applicant : (31) Priority Document No 1)ALLISON TRANSMISSION INC. :61/603990 (32) Priority Date Address of Applicant : PO Box 894 Mail Stop L25 :28/02/2012 Indianapolis IN 46207 U.S.A. (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2013/027563 (72)Name of Inventor : 1) ETCHASON Edmond M. Filing Date :25/02/2013 (87) International Publication No :WO 2013/130376 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : MULTI SPEED AUTOMATIC TRANSMISSION WITH FAST REVERSE

#### (57) Abstract :

The present disclosure provides an automatic transmission having an input adapted to couple to a torque generating mechanism and an output coupled to the input. The transmission also includes a first rotating torque transferring mechanism disposed along a first torque path and coupled to the input. A second rotating torque transferring mechanism is disposed along a second torque path and is coupled to the input independent of the first torque transferring mechanism. The transmission includes a plurality of stationary torque transferring mechanisms each of which is disposed between the input and output. The transmission includes a first planetary gearset a second planetary gearset a third planetary gearset and a fourth planetary gearset where each gearset includes a sun gear a ring gear and a carrier assembly. Moreover the ring gear of the third planetary gearset is coupled to the carrier assembly of the second planetary gearset.

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

(19) INDIA

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

(43) Publication Date : 10/04/2015

### (54) Title of the invention : CERTAIN CHEMICAL ENTITIES, COMPOSITIONS 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> </ul>	:A61K 31/535 :12/503,776 :15/07/2009 :U.S.A. :PCT/US2010/043593 :28/07/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)INTELLIKINE, INC. Address of Applicant :10931 NORTH TORREY PINES ROAD, SUITE 103, LA JOLLA, CA 92037, U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)PINGDA REN</li> </ul>
<ul> <li>(87) International Publication No</li> <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>	:WO 2011/008302 :NA :NA :NA :NA	2)YI LIU 3)TROY EDWARD WILSON 4)LIANSHENG LI 5)KATRINA CHAN 6)CHRISTIAN ROMMEL

(57) Abstract :

The present invention relates to chemical entities that modulate PI3 kinase activity, pharmaceutical compositions containing the chemical entities, and methods of using these chemical entities for treatin diseases and conditions associated with PO kinase activity are described herein.

No. of Pages : 184 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

### (54) Title of the invention : METHOD OF PRODUCING AN OPTICAL ELEMENT HAVING A MARK

(51) International classification	:G02C7/02,B41M5/24	(71)Name of Applicant :
(31) Priority Document No	:61/589472	1)TRANSITIONS OPTICAL INC.
(32) Priority Date	:23/01/2012	Address of Applicant :9251 Belcher Road Pinellas Park
(33) Name of priority country	:U.S.A.	Florida 33782 U.S.A.
(86) International Application No	:PCT/US2013/021664	(72)Name of Inventor :
Filing Date	:16/01/2013	1)CARPENTER William D.
(87) International Publication No	:WO 2013/112328	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (57) Abstract :

The present invention relates to a method of forming an optical element that includes a mark. The method involves irradiating at least a portion of a surface of the optical element with laser radiation thereby forming a plurality of substantially parallel elongated grooves in the portion of the surface which are each aligned substantially parallel with a common longitudinal direction that extends from a center point of the plurality of elongated grooves. The plurality of elongated grooves together define the mark. A clear film is formed over at least the portion of the surface and the plurality of elongated grooves. Depending on the orientation of a source of electromagnetic radiation as viewed through the optical element relative to the common longitudinal direction of the grooves the mark is either observable or unobservable. The present invention also relates to an optical element having a mark as described above.

No. of Pages : 42 No. of Claims : 24

(21) Application No.5735/DELNP/2014 A

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : LOW PROTEIN FROZEN CONFECTIONERY PRODUCT

<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 N</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 <ul> <li>Filing Date</li> </ul> </li> </ul>	:A23G9/32,A23G9/40,A23G9/52 :12154055.3 :06/02/2012 :EPO :PCT/EP2013/052347 :06/02/2013 o:WO 2013/117599 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ARLA FOODS AMBA Address of Applicant :S,nderh,j 14 DK 8260 Viby J Denmark</li> <li>(72)Name of Inventor :</li> <li>1)ERIKSEN Allan</li> <li>2)BALDURSSON Bj,rn</li> </ul>
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(57) Abstract :

The present invention relates to frozen confectionery products. In particular the present invention relates to low protein frozen confectionery products having a protein content within the range of 0.050 1.25% w/w and an edible fat content of at least 5% w/w where neither organoleptic properties nor the melting property of the frozen confectionery product have been compromised.

No. of Pages : 45 No. of Claims : 19

#### (19) INDIA

(22) Date of filing of Application :10/07/2014

#### (43) Publication Date : 10/04/2015

(54	) Title of	the inv	ention ·	CATALYSTS
(54		the my	chuon.	CHILIDID

(32) Priority Date:14/12/2011Addre(33) Name of priority country:South AfricaJohannesb(86) International Application:PCT/IB2012/056847:0/11/2012No:30/11/2012:3/VAN:3/VAN(87) International Publication:WO 2013/088290:WO 2013/088290(61) Patent of Addition to:NA:NA	e of Applicant : DL TECHNOLOGY (PROPRIETARY) LIMITED ess of Applicant :1 Sturdee Avenue Rosebank 2196 ourg South Africa e of Inventor : GIE Jacobus Lucas ERS Tanja LAAR Frederik Marie Paul Rafael NINKHOF Frederik IAARD Jana Heloise ER Rita
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(57) Abstract :

A method of preparing a modified catalyst support comprises contacting a catalyst support material with a modifying component precursor in an impregnating liquid medium. The impregnating liquid medium comprises a mixture of water and an organic liquid solvent for the modifying component precursor. The mixture contains less than 17% by volume water based on the total volume of the impregnating liquid medium. The modifying component precursor comprises a compound of a modifying component selected from the group consisting of Si Zr Co Ti Cu Zn Mn Ba Ni Al Fe V Hf Th Ce Ta W La and mixtures of two or more thereof. A modifying component containing catalyst support material is thus obtained. Optionally the modifying component containing catalyst support material is calcined at a temperature above 100°C to obtain a modified catalyst support.

No. of Pages : 42 No. of Claims : 16

(19) INDIA

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

(43) Publication Date : 10/04/2015

### (54) Title of the invention : PROBIOTIC DERIVED NON-VIABLE MATERIAL FOR ALLERGY PREVENTION AND TREATMENT

<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>	:C12N 1/20 :09170124.3 :11/09/2009 :EUROPEAN UNION :PCT/NL2010/050576 :10/09/2010 :WO 2011/031149 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MEAD JOHNSON NUTRITION COMPANY Address of Applicant :2400 W. LLOYD EXPRESSWAY, EVANSVILLE, IN 47721-0001, UNITED STATES OF AMERICA U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)ERIC A.F. VAN TOL</li> <li>2)WILLIAM MICHAEL RUSSELL</li> <li>3)UDO HERZ</li> <li>4)HARALD RENZ</li> <li>5)HOLGER GARN</li> <li>6)MACHTELT BRAAKSMA</li> <li>7)MARIA JOHANNA VAN DER WERF</li> <li>8)KARIN M. OVERKAMP</li> </ul>
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(57) Abstract :

Disclosed is a process for the preparation of a non-viable probiotic composition having anti-allergic (i.e. allergy preventive and/or anti-allergic in a therapeutic sense) properties, the process comprising the steps of (a) subjecting LOG to culti¬vation in a suitable culture medium using a batch process; (b) harvesting the culture supernatant at a late exponential phase of the cultivation step; (c) removing liquid contents from the culture supernatant so as to obtain the composition. Also disclosed is a composition comprising a proteinaceous mixture, said composition being obtainable by the above process, and the use thereof in a dietetic product preferably for targeting expecting mother's, infants, or children as well as application in food for specific medical purposes.

No. of Pages : 37 No. of Claims : 13

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : A CONTROLLER FOR A VAPOUR COMPRESSION SYSTEM AND A METHOD FOR CONTROLLING A VAPOUR COMPRESSION SYSTEM

(51) International classification	:F25B41/06	(71)Name of Applicant :
(31) Priority Document No	:PA 2012 00265	1)DANFOSS A/S
(32) Priority Date	:17/04/2012	Address of Applicant :Nordborgvej 81 DK 6430 Nordborg
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2013/000023	(72)Name of Inventor :
Filing Date	:19/03/2013	1)IZADI ZAMANABAD Roozbeh
(87) International Publication No	:WO 2013/156027	2)ALNOR Harald
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

The invention discloses a controller for a vapour compression system for cooling a refrigerated space. The system comprises a circuit for circulation of a refrigerant between a compressor (2) a condenser (3) and an evaporator (4). An expansion valve (5) controls a flow of the refrigerant into the evaporator (4) and thereby cooling of the refrigerated space. The control system is adapted to control the expansion valve (5) based on a first temperature (Tl) in the circuit between the evaporator (4) and the compressor (2) and a second temperature (T2) determined in the refrigerated space.

No. of Pages : 19 No. of Claims : 17

#### (19) INDIA

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

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : MAGNETIC CARD READER

<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>(33) Name of priority country</li> <li>(34) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(87) International Publication No</li> <li>(87) International Publication No</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> <li>(63) Divisional to Application Number</li> <li>(64) Patent</li> <li>(65) Divisional to Application Number</li> <li>(65) Divisional to Application</li> <li>(66) Date</li> </ul>	<ul> <li>(71)Name of Applicant :</li> <li>(71)NEC INFRONTIA CORPORATION Address of Applicant :2 6 1 Kitamikata Takatsu ku Kawasaki shi Kanagawa 2138511 Japan (72)Name of Inventor :</li> <li>(72)Name of Inventor :</li> <li>(72)YAMADA Yuichiro 3)NAKAI Kenta</li> </ul>
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(57) Abstract :

In order to analyze card data in an optimal time in accordance with the number of tracks that actually exist on a magnetic strip using a single demodulator circuit the demodulator circuit outputs: a single shared card travel signal that takes the logical sum of a card travel signal of the tracks that exist on the magnetic strip of a magnetic card from the magnetic data read by a magnetic head; a clock signal for each track that exists on the magnetic strip; and a data signal for each track that exists on the magnetic strip; and a data signal for each track that exists on the magnetic strip. A card travel signal generation circuit generates a separate card travel signal for each track that exists on the magnetic strip from the shared card travel signal and the clock signal for each track. A data analysis processor determines the existence of a track on the magnetic strip by the presence of a separate card travel signal and analyzes data signals only for the tracks determined to be on the magnetic strip.

No. of Pages : 36 No. of Claims : 7

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

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : SEGMENTED SEMICRYSTALLINE POLY(LACTIDE CO EPSILON CAPROLACTONE) ABSORBABLE COPOLYMERS

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:13/417810 :12/03/2012 :U.S.A. :PCT/US2013/028512 :01/03/2013 :WO 2013/138086 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ETHICON INC. Address of Applicant :U.S. Route 22 P.O. Box 151 Somerville New Jersey 08876 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)ANDJELIC Sasa</li> <li>2)JAMIOLKOWSKI Dennis D.</li> </ul>
Filing Date	:NA	

(57) Abstract :

Novel semi crystalline segmented copolymers of lactide and epsilon caprolactone exhibiting long term absorption characteristics are disclosed. The novel polymer compositions are useful for long term absorbable meshes surgical sutures especially monofilament sutures and other medical devices.

No. of Pages : 47 No. of Claims : 49

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

(43) Publication Date : 10/04/2015

### (54) Title of the invention : ENGINE SYSTEM AND OPERATION METHOD USING ENGINE BRAKING MECHANISMS FOR EARLY EXHAUST VALVE OPENING

<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> <li>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>	:PCT/US2013/027601 :25/02/2013 :WO 2013/126873 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)JACOBS VEHICLE SYSTEMS INC. Address of Applicant :22 East Dudley Town Road Bloomfield CT 06002 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)ERNEST Steven N.</li> <li>2)METHA Darius</li> </ul>
Number Filing Date	:NA :NA	

#### (57) Abstract :

A valve actuation system for an internal combustion engine is disclosed. The engine has a first set of cylinders having a first set of exhaust valves and a second set of cylinders having a second set of exhaust valves. The valve actuation system for the exhaust valves includes one or more first cams having a compression release lobe and a main exhaust lobe adapted to transfer valve actuation motion to the first set of exhaust valves and one or more second cams having an early exhaust valve opening (EEVO) lobe and a main exhaust lobe adapted to transfer valve actuation motion to the second set of exhaust valves. The valve actuation system may provide any combination of (i) main exhaust valve actuation with or without compression release actuation with (ii) main exhaust valve actuation with or without EEVO for the two sets of cylinders.

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

		(21) Application No.954/DELNP/2012 A
(19) INDIA		
(22) Date of filing of Application $:02/02/2$	2012	(43) Publication Date : 10/04/2015
(54) Title of the invention : TABLET		
<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A61K 31/506 :175695/2009 :28/07/2009 :Japan :PCT/JP2010/062568 :27/07/2010 :WO 2011/013639 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TAKEDA PHARMACEUTICAL COMPANY LIMITED Address of Applicant :1-1, DOSHOMACHI 4-CHOME, CHUO-KU OSAKA-SHI, OSAKA 5410045 JAPAN</li> <li>(72)Name of Inventor :</li> <li>1)YUSUKE MURAKAWA</li> <li>2)TAKAYUKI OKABE</li> </ul>
(57) Abstract :		<u> </u>

Provided is a tablet having a high content of 2[[6 [ (3R)-3-amino-l-piperidinyl]-3,4-dihydro-3-methyl-2,4-dioxo-1(2H)-pyrimidinyl]methyl]-4-fluorobenzonitrile (compound (A)) or a salt thereof as a pharmaceutically active component. A tablet containing compound (A) or a salt thereof, and a fluidizer, which has a compound (A) content of 35 - 50 weight%.

No. of Pages : 47 No. of Claims : 11

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : SYSTEMS AND METHODS FOR CONVERTING AND PROCESSING ORGANIC SLUDGES FOR MULTI NUTRIENT SINGLE ACCRETED GRANULE ENHANCED EFFICIENCY FERTILIZER PRODUCTION

<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>	:C05F7/00 :61/633018 :03/02/2012 :U.S.A. :PCT/US2013/023534 :29/01/2013 :WO 2013/116179 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>UNITY FERTILIZER LLC</li> <li>Address of Applicant :P.O. Box 2020 Pasadena TX 77501</li> </ol> </li> <li>(2020 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>TUTTLE Roger E.</li> <li>WEBER David A.</li> <li>MORAN W. Dennis</li> </ol> </li> </ul>
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#### (57) Abstract :

Convening dewatered heterogeneous sludge containing organic waste materials into a homogenous extract of carbon and amino acids for fertilizer production by adding sulfuric acid to the sludge; pumping the mixture through a blending mixer to mix the sludge with the sulfuric acid; adding conditioning chemicals to the mixture: pumping the mixture through a shearing mixer to mix the conditioning chemicals into the mixture; and mechanically agitating the mixture to create the homogenous extract. Optionally the extract is pumped into a pipe reactor for reaction with an acid and a base to form a melt which is rolled onto fertilizer particles to form accreted granules. The accreted granules are dried to form a granular fertilizer. Also described is an organically enhanced granular nitrogen phosphorous sulfur fertilizer having at least about 0.5% by weight total carbon and amino acids and accreted granule size greater than or equal to about 1.7 mm. The fertilizer is noncombustible.

No. of Pages : 44 No. of Claims : 30

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : DETERGENT COMPOSITIONS COMPRISING GRAFT POLYMERS HAVING BROAD POLARITY DISTRIBUTIONS 

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C11D3/37 :61/608900 :09/03/2012 :U.S.A. :PCT/US2013/029781 :08/03/2013 :WO 2013/134601 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)THE PROCTER &amp; GAMBLE COMPANY Address of Applicant :One Procter &amp; Gamble Plaza Cincinnati Ohio 45202 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)HULSKOTTER Frank</li> <li>2)REES Darren</li> <li>3)LOUGHNANE Brian Joseph</li> <li>4)EL TOUFAILI Faissal Ali</li> <li>5)DOBRAWA Rainer Anton</li> </ul>
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(57) Abstract :

The present invention relates to a detergent composition containing an amphiphilic graft polymer based on water soluble polyalkylene oxides (A) as a graft base and side chains formed by polymerization of a vinyl ester component (B) where the polymer has a broad polarity distribution.

No. of Pages : 53 No. of Claims : 12

(19) INDIA

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

(43) Publication Date : 10/04/2015

(54) Title of the invention : METHOD F	OR FORMING PACKAG	ES
<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 <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:B65B9/02,B65B9/04 :61/604076 :28/02/2012 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)THE PROCTER &amp; GAMBLE COMPANY Address of Applicant :One Procter &amp; Gamble Plaza Cincinnati Ohio 45202 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)PALLOTTA Shawn Christopher</li> <li>2)ORNDORFF Jason Matthew</li> <li>3)BROAD Gavin John</li> <li>4)TECLEAB Adal Amine</li> <li>5)BREITHAUPT Cullen Joseph</li> </ul>

(57) Abstract :

A method and apparatus for formation filling and sealing unit dose packages for consumer products are described herein. A filling system with a filling control system is also disclosed. Although the filling system is described in conjunction with a method for forming filling and sealing unit dose packages the filling system and filling control system can be used in other dispensing processes.

No. of Pages : 50 No. of Claims : 10

(19) INDIA

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

(43) Publication Date : 10/04/2015

(51) International classification	:B21B 45/02	(71)Name of Applicant :
(31) Priority Document No	:2009-285121	1)NIPPON STEEL & SUMITOMO METAL
(32) Priority Date	:16/12/2009	CORPORATION,
(33) Name of priority country	:Japan	Address of Applicant :6-1, MARUNOUCHI 2-CHOME,
(86) International Application No	:PCT/JP2010/072639	CHIYODA-KU, TOKYO 100-8071, JAPAN,
Filing Date	:16/12/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/074632	1)ISAO YOSHII
(61) Patent of Addition to Application	:NA	2)NORIYUKI HISHINUMA
Number	:NA :NA	3)YOSHIYUKI FURUKAWA
Filing Date	.INA	4)SATORU ISHIHARA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alextra et :		•

#### (54) Title of the invention : METHOD FOR COOLING HOT-ROLLED STEEL PLATE

(57) Abstract :

The present invention provides a method for cooling a hot-rolled steel strip after a finishing rolling in which a transportation speed varies, the method including: setting a transportation-speed changing schedule on the basis of a temperature of a steel strip before the finishing rolling and a condition of the finishing rolling; performing a first cooling in which the hot-rolled steel strip is cooled under a film boiling state in a first cooling section; performing a second cooling in which the hot-rolled steel strip is cooled with a water amount density of not less than 2 m3/min/m2 in a second cooling section; and coiling the hot-rolled steel strip, in which a cooling condition is controlled in the first cooling so as to satisfy  $0.8 \le (T2a' - T2a)/\Delta Tx \le 1.2$ .

No. of Pages : 39 No. of Claims : 9

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

(43) Publication Date : 10/04/2015

(54) Title of the invention : GLUCAGON-LIKE PEPTIDE-1 RECEPTOR (GLP-1R) AGONISTS FOR TREATING AUTOIMMUNE DISORDERS

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)RINAT NEUROSCIENCE CORPORATION Address of Applicant :230 EAST GRAND AVENUE, SOUTH SAN FRANCISCO, CALIFORNIA 94080, USA U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)CHOU JOYCE CHING TSU</li> <li>2)LIN CHIA-YANG</li> <li>3)LONG HUA</li> </ul>
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(57) Abstract :

Glucagon-like peptide-1 receptor (GLP-1R) agonists are provided for reducing leukocyte invasion of the central nervous system in autoimmune diseases such as multiple sclerosis. GLP-1R agonists include, e.g., naturally-occurring agonists, such as exendin-4, as well as GLP-1R agonist peptides linked to antibodies

No. of Pages : 126 No. of Claims : 15

(22) Date of filing of Application :10/07/2014

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : METHOD OF TREATMENT

#### (57) Abstract :

The present invention relates generally to a method of regenerating the hippocampus in a mammal and agents for use therein. More particularly the present invention provides a method of regenerating the hippocampus in a mammal by administering a sub population of neural crest stem cells. The method of the present invention is useful in the treatment of conditions characterised by a defective hippocampus such as neuropsychiatric disorders.

No. of Pages : 53 No. of Claims : 13

(21) Application No.946/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 10/04/2015

<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>	:12/548,797 :27/08/2009 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)EXXONMOBIL CHEMICAL PATENTS INC. Address of Applicant :5200 BAYWAY DRIVE, BAYTOWN, TX 77520-2101, U.S.A. U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)MARIA D. ELLUL</li> <li>2)ANTHONY J. DIAS</li> </ul>
(33) Name of priority country	:U.S.A.	TX 77520-2101, U.S.A. U.S.A.
11		
	:WO 2011/025593	
(61) Patent of Addition to Application	:NA	3)RODNEY MAY, JR.
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ELASTOMERIC COMPOSITIONS AND THEIR USE IN ARTICLES

(57) Abstract :

A dynamically vulcanized alloy contains at least one isobutylene-containing elastomer and at least one thermoplastic resin, wherein the elastomer is present as a dispersed phase of small vulcanized or partially vulcanized particles in a continuous phase of the thermoplastic resin. The dynamically vulcanized alloy also contains an anhydride functionalized oligomer. The alloy maintains a high Shore A hardness value while obtaining improved flowability for processing.

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

(21) Application No.962/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 10/04/2015

<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>	:B01D 46/24 :0912880.2 :24/07/2009 :U.K. :PCT/GB2010/051223 :23/07/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)PSI GLOBAL LTD Address of Applicant :SOUTH INDUSTRIAL ESTATE, BOWBURN, DURHAM DH6 5AD,UNITED KINGDOM (72)Name of Inventor : 1)DAVID MATTHEW HUNTER</li></ul>
<ul> <li>(87) International Publication No</li> <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>	:WO 2011/010165 :NA :NA :NA :NA	

#### (54) Title of the invention : PROCESS AND APPARATUS FOR MOLDING A FILTER

(57) Abstract :

The invention provides a method for forming a fibrous layer within a tubular support, which comprises the steps of: (a) providing the tubular support; (b) providing forming mesh over me curved surface of the support and closing its ends against escape of fluid; and (c) introducing fibrous slurry (e.g. an aqueous slurry of borosilicate glass microfibers and water dispersible heat curable acrylic resin at a pH of about 3) from a pressurized source into an annular molding space between a rotary molding torpedo and an inner surface of the support, the torpedo having at least one channel for slurry opening along a curved surface thereof, fibers in the slurry collecting within the forming mesh to form the layer. The invention also provides apparatus for forming a fibrous layer within a tubular support, which comprises:(a) a mould having a molding space for the tubular support; (b) forming mesh in the molding space for covering an exterior curved surface of the support, the forming mesh being configured to collect fibers and permit liquid to pass through it; (c) headstock and tailstock end closures for closing headstock and tailstock ends of the support against escape of fluid; (d) a rotary molding torpedo extendible into and retractable from the molding space for defining with an internal curved surface of the support an annular space for formation of the fibrous layer, the torpedo having at least one channel for slurry opening along a curved surface thereof; (e) a drive coupled to the torpedo for rotation thereof during molding; and (f) a supply line for supplying fibrous slurry from a pressurized source to the torpedo for flow into and through the molding space; and (g) suction means for withdrawing fluid from the molding space.

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

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

(43) Publication Date : 10/04/2015

# (54) Title of the invention : METHOD AND PHARMACEUTICAL COMPOSITION FOR TRANS-BUCCAL MUCOSA TREATMENT OF POSTPRANDIAL HYPERGLYCAEMIA IN TYPE II DIABETES

<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>	:A61K 9/08 :09 54819 :10/07/2009 :France :PCT/FR2010/051426 :07/07/2010 :WO 2011/004117 :NA :NA	3)DUMONTEIX, JEAN-PIERRE (72)Name of Inventor : 1)PEROVITCH, PHILIPEE 2)MAURY, MARC
Filing Date	:NA	3)DUMONTEIX,JEAN-PIERRE
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention provides a method and a pharmaceutical composition in the form of a hydroalcoholic solution in which at least one hypoglycemia-inducing/insulinotropic active principle is dissolved in a stable and complete manner at a dosage that is reduced by 3 0% to 50% compared with the usual oral unit dosage, for its trans-buccal mucosal application in the spot treatment of postprandial hyperglycemia in type II diabetes in man or animals. The invention also pertains to a method of preparing said formulation and to its specific use in the spot treatment of postprandial hyperglycemia (PPHG) in the context of type II diabetes.

No. of Pages : 39 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :09/07/2014

(43) Publication Date : 10/04/2015

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:A46B15/00,B65D75/36 :61/597350 :10/02/2012 :U.S.A. :PCT/US2013/025310 :08/02/2013 :WO 2013/119925 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)THE GILLETTE COMPANY <ul> <li>Address of Applicant :World Shaving Headquarters IP/Legal</li> </ul> </li> <li>Patent Department 3E One Gillette Park Boston Massachusetts</li> <li>02127 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)JUNGNICKEL Uwe</li> <li>2)ALTMANN Niclas</li> <li>3)REICK Hansjoerg</li> <li>4)MERTZ John Joseph</li> <li>5)SCHROEDER Bertholt</li> </ul> </li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	5)SCHROEDER Bertholt

### (54) Title of the invention : ORAL CARE INSTRUMENT AND PACKAGE THEREFORE

(57) Abstract :

A toothbrush having a handle and a head in a display package is described. The head is attached to a neck which is attached to the handle. An indication element is between the head and the handle and is in electrical communication with a power source. A switch connects the indication element to the power source and has a first position where the indication element is not energized and a second position where the indication element is energized. An adequate force applied to the head and an at least partially translucent package body moves the switch to the second position. The package body has a first face and a second face. The first face and/or the second face have a rugose area configured to facilitate application of a force to the head and/or neck through the package body to place the switch in the second position.

No. of Pages : 45 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :09/07/2014

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : VARIABLE TRACK WHEEL (51) International classification:B60B23/00,B60B23/12,B60B3/00 (71)Name of Applicant: (31) Priority Document No :11194646.3 1)TITAN ITALIA S.P.A. (32) Priority Date :20/12/2011 Address of Applicant : Via Confortino 23/28 I 40056 (33) Name of priority country Crespellano (Bologna) Italy :EPO (86) International Application (72)Name of Inventor : :PCT/IB2012/057135 1) PELLICANO Pasquale Patrizio No :10/12/2012 Filing Date 2)DONATI Graziano (87) International Publication :WO 2013/093703 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A variable track wheel (1) comprises a rim (2) suitable for receiving a tyre and a disc (3) through which said wheel (1) is mountable on a hub (37) said disc (3) being removably secured by fastenings (6) to a connecting member (4) provided in said rim (2) said connecting member (4) projecting towards a rotation axis (X) of said wheel (1) said wheel further comprising a plurality of spacers (15) interposed between an annular perimeter zone (36) of said disc (3) and said connecting member (4) of said rim (2) said disc (3) and said rim (2) being mountable in a plurality of reciprocal axial positions and in a plurality of reciprocal orientations to obtain a variation in the track of said wheel (1) said wheel (1) further comprising a hole (10; 10a; 10b) and a pin (11) said hole (10; 10a; 10b) or said pin (11) being provided in said connecting member (4) or in said disc (3) said centring device (8; 9) further comprising a coupling element (21) so conformed as to cooperate with said hole (10; 10a; 10b) and with said pin (11) for reciprocally coupling said pin (11) and said hole (10; 10a; 10b).

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

(22) Date of filing of Application :09/07/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : SILICON EUTECTIC ALLOY COMPOSITION AND METHOD OF MAKING BY ROTATIONAL CASTING

(57) Abstract :

To carry out a rotational casting method of preparing a silicon eutectic alloy composition silicon and one or more metallic elements M are melted together to form a eutectic alloy melt comprising the silicon and the one or more metallic elements M. A mold containing the eutectic alloy melt is rotated about a longitudinal axis thereof at a speed sufficient to form a rotating volume of the eutectic alloy melt in contact with an inner surface of the mold. Heat is directionally removed from the rotating volume of the eutectic alloy melt to directionally solidify the eutectic alloy melt and a eutectic alloy composition which includes the silicon the one or more metallic elements M and a eutectic aggregation of a first phase comprising the silicon and a second phase of formula MSi where the second phase is a disilicide phase is formed.

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

(21) Application No.978/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 10/04/2015

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filed on</li> </ul> </li> </ul>	:H02B :10/107,547 :27/03/2002 :U.S.A. :PCT/US03/09067 :21/03/2003 : NA :NA :NA :NA :2982/DELNP/2004 :30/09/2004	<ul> <li>(71)Name of Applicant :</li> <li>1)ADC TELECOMMUNICATIONS INC. Address of Applicant :13625 Technology Drive Eden Prairie Minnesota 55344-2252 United States of America U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)NAULT Gary</li> <li>2)HAATAJA Timothy Jon</li> <li>3)FERRIS Mathew D.</li> <li>4)WATTS Alex</li> </ul>
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#### (54) Title of the invention : A COUPLER FOR A CABLE TROUGH SYSTEM

(57) Abstract :

The present invention relates to a coupler for a cable trough system the coupler comprising a body including one or more walls defining a trough having an outer surface and an inner surface the body having a body terminal end sized to receive a terminal end of a trough member along a longitudinal direction of the body and a locking element coupled to the outer surface of the trough the locking element including a spring with at least one arm that extends to engage a portion of an external surface of the trough member as the trough member is received in the body terminal end of the coupler<sup>1</sup>.

No. of Pages : 50 No. of Claims : 12

(21) Application No.7066/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/04/2015

(51) International classification	:F03B13/08	(71)Name of Applicant :
(31) Priority Document No	:13/356288	1)AMERICAN HYDRO JET CORPORATION
(32) Priority Date	:23/01/2012	Address of Applicant :5131 Park Place Racine Wisconsin
(33) Name of priority country	:U.S.A.	53402 U.S.A.
(86) International Application No	:PCT/US2013/022733	(72)Name of Inventor :
Filing Date	:23/01/2013	1)ROOS Paul W.
(87) International Publication No	:WO 2013/112573	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		1

#### (54) Title of the invention : POWER CONVERSION AND ENERGY STORAGE DEVICE

(57) Abstract :

Power conversion device (20) including: a first fluid conduit (21); a diffuser (22) attached thereto with at least one vane supporting a diffuser hub (25); a rotor (23) supported by the diffuser hub and having a rotor blade (23 A) hub and shroud (28) at the periphery thereof with at least one magnet (29) thereon; a housing (32) surrounding the shroud and attached to the diffuser and having a stator (36) including laminations (31) forming poles (3 IP) and at least one coil (33) therearound the stator encapsulated in a non metallic compound (35) to prevent fluid contact with laminations and coil(s); a commutation control (44) connected to the coil(s) and having external leads (45); and a second fluid conduit (24) attached to the housing so fluid flow causes a torque load on the blades rotating the rotor and inducing a magnetic field in the poles to generate current in the coil converting hydraulic power to electric power. The device operates as a turbine/generator and as a motor/pump.

No. of Pages : 59 No. of Claims : 52

(19) INDIA

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

(43) Publication Date : 10/04/2015

<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>	:06/08/2009 :China	<ul> <li>(71)Name of Applicant :</li> <li>1)SHELL INTERNATIONALE RESEARCH</li> <li>MAATSCHAPPIJ B.V. Address of Applicant :CAREL VAN BYLANDTLAAN 30, NL-2596 HR, THE HAGUE, THE NETHERLANDS</li> <li>(72)Name of Inventor :</li> <li>1)LIU ZHICHANG</li> <li>2)XU CHUNMING</li> <li>3)ZHANG RUI</li> <li>4)MENG XIANGHAI</li> <li>5)PATRONI ANA CECILIA</li> <li>6)KLUSENER PETER ANTON AUGUST</li> <li>7)VAN DEN BOSCH ALBERTUS VINCENTIUS PETRUS</li> </ul>
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#### (54) Title of the invention : PROCESS FOR PREPARING AN ALKYLATE

(57) Abstract :

The present invention provides a process for preparing an alkylate, comprising: contacting in a reaction zone a hydrocarbon mixture comprising at least isoparaffin and an olefin with an acidic ionic liquid catalyst under alkylation conditions to obtain an alkylate; withdrawing an alkylate-comprising effluent from the reaction zone; separating at least part of the alkylate-comprising effluent into an hydrocarbon-rich phase and an ionic liquid catalyst-rich phase; fractionating part of the hydrocarbon-rich phase into at least an alkylate-comprising product and a isoparaffin-comprising stream; mixing another part of the hydrocarbon-rich phase with an olefin-comprising stream to form the hydrocarbon mixture; and providing the hydrocarbon mixture to the reaction zone.

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

(19) INDIA

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

(43) Publication Date : 10/04/2015

(51) International classification	:G06F 15/16	(71)Name of Applicant :
(31) Priority Document No	:12/509,364	1)NETFLIX, INC.
(32) Priority Date	:24/07/2009	Address of Applicant :100 WINCHESTER CIRCLE, LOS
(33) Name of priority country	:U.S.A.	GATOS, CALIFORNIA 95032, UNITED STATES OF
(86) International Application No	:PCT/US2010/043103	AMERICA U.S.A.
Filing Date	:23/07/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/011717	1)PARK, ANTHONY NEAL
(61) Patent of Addition to Application	:NA	2)WEI, WEI
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(58) 11		1

### (54) Title of the invention : ADAPTIVE STREAMING FOR DIGITAL CONTENT DISTRIBUTION

(57) Abstract :

One embodiment of the present invention sets forth a technique for adapting playback bit rate to available delivery bandwidth in a content delivery system comprising a content server and a content player. A content player periodically estimates whether a given playback bit rate can feasibly provide complete playback for a given title assuming currently available bandwidth. If playback becomes unfeasible at a current bit rate assuming currently available bandwidth, then the content player adapts the bit rate downward until a feasible bit rate is achieved. If playback is feasible using a higher bit rate, then the content player may adapt the bit rate upward.

No. of Pages : 44 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

#### (51) International classification :H02J 7/04 (71)Name of Applicant : (31) Priority Document No 1)SONY CORPORATION :2009-186676 (32) Priority Date :11/08/2009 Address of Applicant :1-7-1 KONAN, MINATO-KU, (33) Name of priority country TOKYO, 108-0075, JAPAN :Japan (86) International Application No :PCT/JP2010/063074 (72)Name of Inventor : Filing Date :03/08/2010 **1)YOHEI KURODA** (87) International Publication No :WO 2011/018959 2)OSAMU ISHIOKA (61) Patent of Addition to Application **3)NOBUTAKA YAGI** :NA Number **4)RYOJI AMEMIYA** :NA Filing Date **5)KENJI WAKU** (62) Divisional to Application Number :NA Filing Date :NA

## (54) Title of the invention : ELECTRONIC DEVICE, METHOD OF CHARGING ELECTRONIC DEVICE, PROGRAM, CHARGING CONTROL APPARATUS, AND CHARGING CONTROL METHOD

(57) Abstract :

Provided is an electronic device including a secondary battery, a charging section which charges the secondary battery with power supplied from an external power supply section with a set charging current, a measurement section which measures an amount of charge accumulated in the secondary battery, a time information acquisition section which acquires time information, a storage section which stores charging history information indicating a time period in which a user performs charging, and a control section which has a chargeable time estimation section that estimates chargeable time based on the charging history information and the time information, and a charging current setting section that calculates a restricted charging current which enables the secondary battery to be charged up to a charging capacity within the chargeable time, based on the amount of charge acquired from the measurement section, and sets the restricted charging current in the charging section.

No. of Pages : 69 No. of Claims : 22

(21) Application No.6959/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 10/04/2015

(51) International classification	:H04W16/14	(71)Name of Applicant :
(31) Priority Document No	:61/608890	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:09/03/2012	Address of Applicant :SE 164 83 Stockholm Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/SE2013/050210	1)SIOMINA Iana
Filing Date	:08/03/2013	2)KAZMI Muhammad
(87) International Publication No	:WO 2013/133761	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (54) Title of the invention : METHODS FOR HANDLING A PATTERN BASED GUARD BANDS

(57) Abstract :

Methods in a first a second and a third node in a wireless communications network for handling a pattern based guard band. The first node configures the pattern based guard band. The pattern based guard band comprises a pattern which comprises at least a first set and a second set of time resources. The first set of time resources is associated with a first guard band configuration. The second set of time resources is associated with no guard band configuration or with a second guard band configuration which is different from the first guard band configuration. The method in the second node comprises obtaining the configured pattern based guard band and adaptively configuring one more actions in response to the obtained pattern based guard band. The method in the third node comprises sending a request to a first node to configure the pattern based guard band. The first second and third nodes are also described.

No. of Pages : 92 No. of Claims : 30

(21) Application No.7056/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/04/2015

### (54) Title of the invention : METHOD AND DEVICE FOR WINDING A MATERIAL WEB

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:12158406.4 :07/03/2012 :EPO :PCT/EP2013/052360 :07/02/2013 :WO 2013/131701 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SIEMENS VAI METALS TECHNOLOGIES GMBH Address of Applicant :Turmstrae 44 A 4031 Linz Austria</li> <li>(72)Name of Inventor :</li> <li>1)HOFER Roland</li> <li>2)MOSER Friedrich</li> </ul>
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(57) Abstract :

Device for winding a material web particularly a metal strip wherein a coil (1) is supported during the winding process by at least two support rollers (2 3) wherein said support rollers (2 3) can be jointly pivoted about a pivot axis (18) between a first substantially horizontal position and a second position which is inclined relative to the horizontal position by means of a pivoting device (11).

No. of Pages : 21 No. of Claims : 6

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

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : METAL POWDERDOUS CATALYST FOR HYDROGENATION PROCESSES

(32) Priority Date:24(33) Name of priority country:EI(86) International Application:PONo:22(87) International Publication:W(61) Patent of Addition to:WApplication Number:NFiling Date:N(62) Divisional to Application:NNumber:N	2156823.2 44/02/2012 EPO PCT/EP2013/053512 22/02/2013 WO 2013/124392 NA NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DSM IP ASSETS B.V. Address of Applicant :Patent Department Het Overloon 1 NL</li> <li>6411 The Heerlen Netherlands</li> <li>(72)Name of Inventor :</li> <li>1)BONRATH Werner</li> <li>2)BUSS Axel</li> </ul>
Number Filing Date		

(57) Abstract :

The present invention is related to a new metal powder catalytic system (catalyst) comprising a Fe alloy as a carrier its production and its use in hydrogenation processes.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA

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

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : EXTRUSION 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</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:PCT/EP2013/053843 :27/02/2013 :WO 2013/127807 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DSM IP ASSETS B.V. Address of Applicant :Patent Department Het Overloon 1 NL</li> <li>6411 The Heerlen Netherlands</li> <li>(72)Name of Inventor :</li> <li>1)ELEMANS Petrus Henricus Maria</li> <li>2)MEESEN Adrian Willem</li> <li>3)TELEKI Alexandra</li> <li>4)LEUENBERGER Bruno</li> </ul>
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(57) Abstract :

The present invention relates to a process for the production of extruded formulations (= extrudates) comprising dispersion droplets to such formulations as well as to the use of such formulations in food feed personal care applications.

No. of Pages : 21 No. of Claims : 25

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

(43) Publication Date : 10/04/2015

### (54) Title of the invention : METAL POWDERDOUS CATALYST COMPRISING A COCRMO ALLOY

(32) Priority Date:24/02/2012Address(33) Name of priority country:EPO6411 The H(86) International Application:PCT/EP2013/053511(72)Name of	P ASSETS B.V. s of Applicant :Patent Department Het Overloon 1 NL Heerlen Netherlands of Inventor : ATH Werner
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(57) Abstract :

The present invention is related to a new metal powder catalytic system (catalyst) comprising a cobalt/chrome alloy as a carrier its production and its use in hydrogenation processes.

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

(19) INDIA

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

#### (54) Title of the invention : NOVEL PYRROLIDINE DERIVED BETA 3 ADRENERGIC RECEPTOR AGONISTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(33) Name of priority country</li> <li>(34) International Application No</li> <li>(36) International Application No</li> <li>(37) International Publication No</li> <li>(37) Patent of Addition to Application</li> <li>(57) Abstract.</li> </ul>	<ul> <li>(71)Name of Applicant : <ul> <li>1)MERCK SHARP &amp; DOHME CORP.</li> <li>Address of Applicant :126, EAST LINCOLN AVENUE,</li> <li>RAHWAY, NEW JERSEY 07065-0907, UNITED STATES OF</li> <li>AMERICA U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)EDMONDSON, SCOTT, D.</li> <li>2)CHANG, LEHUA</li> </ul> </li> <li>3)MORRIELLO, GREGORI, J.</li> <li>4)MOYES, CHRISTOPHER, J.</li> <li>5)KAR, NAM FUNG</li> <li>6)SHEN, DONG-MING</li> <li>7)ZHU, CHENG</li> <li>8)ANTHONY, NEVILLE, J.</li> <li>9)JONES, PHILIP</li> <li>10)SMITH, GRAHAM, F.</li> <li>11)SCOTT,MARK, E.</li> <li>12)THOMPSON, CHRISTOPHER, F.</li> <li>13)JUNG, JOON</li> <li>14)CAMMARANO, CAROLYN</li> </ul> </li> </ul>
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(57) Abstract :

The present invention provides compounds of Formula (I), pharmaceutical compositions thereof, and method of using the same in the treatment or prevention of diseases mediated by the activation of 3-adrenoceptor

No. of Pages : 90 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

(54) Title of the invention : PROCESS FOR PRODUCING BENZO [B] [1,4] DIAZEPINE-2, 4-DIONE COMPOUND		
<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C07D 243/12 :61/235,988 :21/08/2009 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)OTSUKA PHARMACEUTICAL CO. LIMITED Address of Applicant :9, KANDA TSUKASAMACHI 2- CHOME, CHIYODA-KU, TOKYO 1018535, JAPAN</li> <li>(72)Name of Inventor :</li> <li>1)HISAYUKI TSUJIMORI</li> <li>2)SHINICHI TAIRA</li> <li>3)HIROTAKA YUKAWA</li> <li>4)KAORU ABE</li> </ul>

(57) Abstract :

The present invention provides an industrially advantageous, simple, and efficient process for producing a key intermediate of a benzo[b][1,4]diazepine-2,4-dione compound, which is a therapeutic medicine for arrhythmia. The present invention relates to a process for producing a compound represented by formula (1), wherein each of R1, R2, R3 and R4, which may be the same or different, represents a hydrogen atom or a lower alkyl group, the process including deprotecting a protective group (R5) of a compound represented by formula (2), wherein R1, R2, R3 and R4 are as defined above, and R5 represents a protective group of a hydroxy group.

No. of Pages : 54 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :10/07/2014

(54) Title of the invention : CX3CR1 BINDING POLYPEPTIDES

(43) Publication Date : 10/04/2015

(51) International classification	:C07K16/28	(71)Name of Applicant :
(31) Priority Document No	:61/603622	1)BOEHRINGER INGELHEIM INTERNATIONAL
(32) Priority Date	:27/02/2012	GMBH
(33) Name of priority country	:U.S.A.	Address of Applicant :Binger Strasse 173 55216 Ingelheim am
(86) International Application No	:PCT/US2013/027580	Rhein Germany
Filing Date	:25/02/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2013/130381	1)SINGH Sanjaya
(61) Patent of Addition to Application	:NA	2)WATERMAN Alisa K.
Number		3)DEPLA Erik
Filing Date	:NA	4)LAEREMANS Toon
(62) Divisional to Application Number	:NA	5)VAN HOORICK Diane
Filing Date	:NA	6)VERVERKEN Cedric Jozef Not re

(57) Abstract :

The present invention relates to CX3CR1 binding polypeptides in particular polypeptides comprising specific immunoglobulin domains. The invention also relates to nucleic acids encoding such polypeptides; to methods for preparing such polypeptides; to host cells expressing or capable of expressing such polypeptides; to compositions comprising such polypeptides; and to uses of such polypeptides or such compositions in particular for prophylactic therapeutic and diagnostic purposes.

No. of Pages : 332 No. of Claims : 59

(19) INDIA

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : FUEL SUPPLY DEVICE 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 <ul> <li>Filing Date</li> <li>(87) International Publication No</li> </ul> </li> </ul>	:F02M69/02,F02D9/10,F02M37/00 :2012008888 :19/01/2012 :Japan :PCT/JP2013/050445 :11/01/2013 :WO 2013/108720	<ul> <li>(71)Name of Applicant :</li> <li>1)MIKUNI CORPORATION <ul> <li>Address of Applicant :13 11 Sotokanda 6 chome Chiyoda ku</li> </ul> </li> <li>Tokyo 1010021 Japan <ul> <li>(72)Name of Inventor :</li> <li>1)KATO Hiroshi</li> <li>2)SATO Tomoya</li> </ul> </li> </ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This fuel supply device is configured by: supporting a pump unit (35) so as to intersect the axial center direction of an intake pipe member (15) on the outer circumferential section of the intake pipe member configuring part of an intake pipe; providing a drive unit (27a) on one end section of the pump unit intersecting the intake pipe member; and providing an intake connection port (29) and a return connection port (31) on the other end section.

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

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : FUEL INJECTION DEVICE 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</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:F02M57/02,F02M69/00,F02M69/02 :2012008889 :19/01/2012 :Japan :PCT/JP2013/050446 :11/01/2013 :WO 2013/108721 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MIKUNI CORPORATION <ul> <li>Address of Applicant :13 11 Sotokanda 6 chome Chiyoda ku</li> </ul> </li> <li>Tokyo 1010021 Japan <ul> <li>(72)Name of Inventor :</li> <li>1)KATO Hiroshi</li> <li>2)SATO Tomoya</li> </ul> </li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

This fuel injection device is configured by having: a fuel pump (20) configured by having a reciprocal drive type pump unit (35) that pressurizes fuel arranged on the outer peripheral section of an intake pipe member (15) such that the reciprocal drive direction of the pump unit matches the peripheral direction of the outer peripheral section and by having a drive unit (27a) that drives this pump unit arranged along the peripheral direction of the intake pipe member after the pump unit; and an injector (19) provided in the fuel pump that injects the fuel from the fuel pump towards the intake pipe member.

No. of Pages : 25 No. of Claims : 6

(21) Application No.5759/DELNP/2014 A

(22) Date of filing of Application :10/07/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : STABILIZED PHARMACEUTICAL FORMULATIONS OF A POTENT HCV INHIBITOR

(51) International classification	:A61K9/08,A61K9/107,A61K9/48	(71)Name of Applicant :
(31) Priority Document No	:61/586087	1)BOEHRINGER INGELHEIM INTERNATIONAL
(32) Priority Date	:12/01/2012	GMBH
(33) Name of priority country	:U.S.A.	Address of Applicant :Binger Strasse 173 55216 Ingelheim am
(86) International Application	:PCT/US2013/020934	Rhein Germany
No	:10/01/2013	(72)Name of Inventor :
Filing Date	.10/01/2015	1)BRAUN Mathias
(87) International Publication	:WO 2013/106506	2)BUSACCA Carl Alan
No	. WO 2013/100300	3)CHEN Feng Jing
(61) Patent of Addition to	:NA	4)GUMP Edwin Louis
Application Number	:NA :NA	5)MAJESKA Jenness B.
Filing Date	.INA	6)PENNINO Scott
(62) Divisional to Application	·NI A	7)QIU Fenghe
Number	:NA :NA	8)VILLAGRA Maria Fernanda
Filing Date	.1N/A	

(57) Abstract :

Described are various methods for stabilizing pharmaceutical formulations of a specific Hepatitis C Viral (HCV) inhibitor against the formation of a particular genotoxic degradation product. Such methods include temperature control moisture control excipient control capsule shell control basification and a reconstitution approach.

No. of Pages : 46 No. of Claims : 25

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

(43) Publication Date : 10/04/2015

(54) Title of the invention : HEALTHCARE FACILITY DISINFECTING PROCESS AND SYSTEM WITH OXYGEN/OZONE MIXTURE

<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>	:A61L 2/20 :61/223,219 :06/07/2009 :U.S.A. :PCT/CA2010/000998 :05/07/2010 :WO 2011/003179 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MEDIZONE INTERNATIONAL INC. Address of Applicant :144 BUENA VISTA, STINSON BEACH, CALIFORNIA 94970-0742, UNITED STATES OF AMERICA U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)SHANNON, MICHAEL, EDWARD</li> <li>2)ZOUTMAN, DICK, ERIC</li> </ul>
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(57) Abstract :

A system and process for disinfecting rooms such as health care facility rooms with oxygen/ozone mixture is described, which is effective to combat superbugs such as Clostridium difficile (C. difficile); E. coli; Pseudomonas aeruginosa; methicillin-resistant Staphylococcus aureus (MRSA); and vancomycin-resistant Enterococcus (VRE). In preferred embodiments, hydrogen peroxide is additionally used. The system and process is effective to destroy bacteria deposited on surfaces as biofilm, and, accompanied by physical agitation such as jet nozzle outlets, is effective to disinfect carpet, drapery and similar absorbent and porous surfaces.

No. of Pages : 57 No. of Claims : 38

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : UNFIRED CARBON-CONTAINING AGGLOMERATE AND PRODUCTION METHOD THEREFOR (51) International classification :C22B 1/243 (71)Name of Applicant : **1)NIPPON STEEL & SUMITOMO METAL** (31) Priority Document No :2009-192273 (32) Priority Date :21/08/2009 CORPORATION. (33) Name of priority country :Japan Address of Applicant :6-1, MARUNOUCHI 2-CHOME, (86) International Application No :PCT/JP2010/063685 CHIYODA-KU, TOKYO 100-8071, JAPAN, Filing Date :12/08/2010 (72)Name of Inventor : (87) International Publication No :WO 2011/021560 **1)KENICHI HIGUCHI** (61) Patent of Addition to Application 2)HIROKAZU YOKOYAMA :NA Number **3)KAZUYA KUNITOMO** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract :

The cold-bonded carbon composite agglomerates for blast furnaces have a carbon content (T. C) in a range of 18 to 25% by mass, and a porosity in a range of 20 to 30%. The method for manufacturing cold-bonded carbon composite agglomerates for blast furnaces includes: forming a molded body by mixing and kneading iron-containing raw materials, carbon-containing raw materials, and a binder and molding a kneaded substance to obtain a molded body; and obtaining cold-bonded carbon composite agglomerates by subsequently curing the molded body, wherein in the forming of the molded body, one or more blending conditions selected from a group consisting of a water content in the raw materials, a particle size of the raw materials, an amount of fine cokes, a blending amount of ores having a high combined water content, and a binder blending amount are adjusted such that a carbon content (T. C) becomes in a range of 18 to 25% by mass and a porosity becomes in a range of 20 to 30% in the cold-bonded carbon composite agglomerates.

No. of Pages : 44 No. of Claims : 2

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

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : METHOD AND FACILITY FOR PRODUCING OXYGEN THROUGH AIR DISTILLATION (51) International classification :F25J 3/04 (71)Name of Applicant : (31) Priority Document No 1)L'AIR LIQUIDE, SOCIETE ANONYME POUR :0956179 L'ETUDE ET L'EXPLOITATION DES PROCEDES (32) Priority Date :10/09/2009 (33) Name of priority country :France **GEORGES CLAUDE** (86) International Application No Address of Applicant :75, QUAI D'ORSAY, F-75007 PARIS, :PCT/FR2010/051854 Filing Date :07/09/2010 FRANCE (87) International Publication No :WO 2011/030050 (72)Name of Inventor : (61) Patent of Addition to Application **1)COGNARD MARIE** :NA Number 2) DUBETTIER-GRENIER RICHARD :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

### (57) Abstract :

In a method for producing oxygen through the distillation of air supplied by air at atmospheric pressure so as to produce a first and second compressed air flow, and through a first purification unit (5) and a second purification unit (7), the first and second compressed air flows being discharged from the compression means at a first and second pressure, the first and second pressures being different pressures of at least 0.5 bar: the first compressed air flow; the first purified air flow is sent from a first outlet of the compression means to the first purifying unit at the first pressure so as to produce a first purified air flow; the first purified air flow is sent from the first purifying unit to a column of the column system (15); the second purified air flow is sent, in an at least partially condensed form, from the second purifying unit to a column of the column system; an oxygen-rich liquid is bled off from the column system; said oxygen-rich liquid is vaporized through heat exchange with at least the second purified air flow; and said oxygen-rich liquid is provided as a material.

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

(21) Application No.973/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 10/04/2015

(51) International classification	:F42B 5/192	(71)Name of Applicant :
(31) Priority Document No	:61/231,065	1)NITROCHEMIE ASCHAU GMBH
(32) Priority Date	:04/08/2009	Address of Applicant :LIEBIGSTRASSE 17, 84544 ASCHAU
(33) Name of priority country	:U.S.A.	(DE) Germany
(86) International Application No	:PCT/EP2010/004758	(72)Name of Inventor :
Filing Date	:03/08/2010	1)LEBACHER, WALTER
(87) International Publication No	:WO 2011/015346	2)HUBER, ALEXANDER
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.18A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (54) Title of the invention : SLEEVE FOR ACCOMMODATING PROPELLANT CHARGE POWDER

(57) Abstract :

The invention relates to a combustible sleeve for accommodating propellant charge powder, to munitions designed using such a sleeve, and to a production method for such sleeves. The sleeve (6) according to the invention is designed for accommodating propellant charge powder (4) and has a jacket wall made of combustible felted fibrous material (23) and an inlay (5) of intersecting threads (5) in the jacket wall. The threads (5) are disposed therein at a distance from one another such that felted fibrous material (23) reaches through the regions between the threads (5). The method comprises the following steps: preparing a jacket wall made of combustible felted fibrous material (23) and inserting an inlay (5) made of intersecting threads (5) into the jacket wall. The threads (5) are disposed therein at a distance from one another such that felted fibrous material (23) and inserting an inlay (5) made of intersecting threads (5) into the jacket wall. The threads (5) are disposed therein at a distance from one another such that felted fibrous material (23) and inserting an inlay (5) made of intersecting threads (5) into the jacket wall. The threads (5) are disposed therein at a distance from one another such that the felted fibrous material (23) extends through the regions between the threads (5).

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

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : HYDROXYPHENYL PHOSPHINE OXIDE MIXTURES AND THEIR USE AS FLAME **RETARDANTS FOR EPOXY RESINS**

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C08K 5/5397 :61/241,562 :11/09/2009 :U.S.A. :PCT/US2010/048235 :09/09/2010 :WO 2011/031834 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)CHEMTURA CORPORATION <ul> <li>Address of Applicant :199 BENSON ROAD MIDDLEBURY,</li> <li>CT. 06749 U.S.A.</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)LARRY D. TIMBERLAKE</li> <li>2)MARK V. HANSON</li> <li>3)JAMES D. SIEBECKER</li> </ul> </li> </ul>
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#### (57) Abstract :

A hydroxyphenyl or alkoxyphenyl phosphine oxide composition comprising (i) a first mixture of mono-(hydroxyphenyl) or (alkoxyphenyl) phosphine oxide isomers, (ii) a second mixture of bis-(hydroxyaryl) or (alkoxyphenyl) phosphine oxide isomers, (iii) a third mixture of tris-(hydroxyaryl) or (alkoxyphenyl) phosphine oxide isomers, and optionally iv) a minority amount of non-hydroxy or non-alkoxy tris-phenyl phosphine oxides is provided. Also provided are epoxy resins compositions with excellent flame retardancy and physical properties, which resins comprise the phosphine oxide composition

No. of Pages : 32 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

(54) Title of the invention : ELECTRONIC DEVICE, SIGNAL TRANSMISSION DEVICE, AND SIGNAL TRANSMISSION 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 Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:09/08/2010 :WO 2011/019017 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SONY CORPORATION <ul> <li>Address of Applicant :1-7-1 KONAN, MINATO-KU,</li> <li>TOKYO 108-0075, JAPAN</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)NORIHITO MIHOTA</li> <li>2)HIROFUMI KAWAMURA</li> <li>3)YASUHIRO OKADA</li> <li>4)NAOTA NAKAMURA</li> <li>5)YOSHIYUKI AKIYAMA</li> </ul> </li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

Signal distribution, signal switching, and signal collection are performed with a simple configuration. An electronic device comprises a transmission unit (108) for transmitting, as a wireless signal, a signal to be transmitted and a reception unit (208) for receiving the wireless signal transmission unit. In the electronic device, a plurality of pairs of wireless signal transmission points in the transmission unit and wireless signal reception points in the reception unit can be formed. Using the pairs of transmission points and reception points make it possible to execute at least either one of signal distribution in which the same signal to be transmitted from a transmission point is transmitted to the multiple reception points and signal switching in which a signal to be transmitted from a transmission point is selectively transmitted to any of the multiple reception points. The signal to be transmitted as a wireless signal. In this case, the signal distribution, signal switching, and signal collection are performed through electric wiring does not interpose the portion where the signal distribution, signal switching, and signal collection are performed with a signal collection are performed, the signal distribution, signal switching, and signal collection can be performed with a simple configuration.

No. of Pages : 102 No. of Claims : 20

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

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : METHOD FOR PURIFYING FATTY ACID ALKYL ESTERS HIGHLY CHARGED WITH SAPONIFICATION PRODUCTS

(62) Divisional to Application Number :NA Filing Date :NA	<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 Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:10 2009 041 120.8 :15/09/2009 :Germany :PCT/DE2010/000702 :22/06/2010 :WO 2011/032528 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)LURGI GMBH <ul> <li>Address of Applicant :LURGIALLEE 5, D-60439</li> </ul> </li> <li>FRANKFURT AM MAIN, GERMANY</li> <li>(72)Name of Inventor : <ul> <li>1)BONSCH RUDOLF</li> <li>2)SEIDEL ECKHARD</li> <li>3)SAFT HELMUT</li> </ul> </li> </ul>
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#### (57) Abstract :

A method for the continuous extraction of impurities, in particular saponification products, from a fatty acid alkyl ester phase produced by transesterification of vegetable or animal oils or fats with a great tendency to form saponification products, by means of an aqueous, acid glycerol phase containing a complexing agent.

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

(19) INDIA

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

(43) Publication Date : 10/04/2015

(51) International classification	:H01R 13/629	(71)Name of Applicant :
(31) Priority Document No	:10 2009 027 660.2	1)TYCO ELECTRONICS AMP GMBH
(32) Priority Date	:13/07/2009	Address of Applicant : AMPERESTRASSE 12-14, D-64625
(33) Name of priority country	:Germany	BENSHEIM, GERMANY
(86) International Application No	:PCT/EP2010/059793	(72)Name of Inventor :
Filing Date	:08/07/2010	1)SCHMITT, MARCEL
(87) International Publication No	:WO 2011/006821	2)FORRELL, RICHARD
(61) Patent of Addition to Application	:NA	<b>3)SCHNEIDER, JOACHIM</b>
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		

### (54) Title of the invention : PLUG- AND- SOCKET CONNECTOR WITH A BLOCKING ELEMENT

(57) Abstract :

The invention relates to a plug-and-socket connector with a first housing with first electrical contacts and a second housing with second electrical contacts. The first housing has a lever which is rotatably mounted on the first housing, the second housing having a toothed surface on which the lever arm can be brought into contact with an actuating surface upon pivoting, in order to draw the first and the second housing together into an end position in which the first and the second contacts are contacted with each other. The first housing has a blocking element which, in a pre-assembly position of the first and the second housing in which the two housings are partially inserted into one another, blocks pivoting of the lever arm into the end position. The second housing has a release surface, with the release surface displacing the blocking element upon pushing together the two housings from the pre-assembly position into an assembly position, so that the lever arm can be moved from the pre-engagement position into the end position in order to assemble the two housings into the end position.

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

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

(51) International classification	:A61M	(71)Name of Applicant :
(31) Priority Document No	:61/231,517	1)SCR INC
(32) Priority Date	:05/08/2009	Address of Applicant :620 SOUTH THIRD STREET, SUITE
(33) Name of priority country	:U.S.A.	205, LOUISVILLE, KY 40202, USA U.S.A.
(86) International Application No	:PCT/US2010/044565	(72)Name of Inventor :
Filing Date	:05/08/2010	1)PAUL A. SPENCE
(87) International Publication No	:NA	2)SEAN P. WARREN
(61) Patent of Addition to Application	:NA	3)ERICA J. WELLS
Number	:NA	4)W. KURT DIERKING
Filing Date	.INA	5)DANIEL R. BACHMAN
(62) Divisional to Application Number	:NA	6)LANDON TOMPKINS
Filing Date	:NA	
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### (54) Title of the invention : SYSTEMS, DEVICES AND METHODS FOR TREATING THE HEART WITH ABLATION

(57) Abstract :

A system (60) for ablating internal heart tissue (12) in an ablation pattern (50) on a surface of the tissue within the heart. The system (60) includes an ablation catheter (14) with a distal end having an ablating tip portion (20) operative to allow selective ablation of tissue. A guiding device (62) is engageable with the ablation catheter (14) and includes a tissue anchoring portion (74) operable to engage with tissue proximate to the tissue to be ablated so as to temporarily anchor the guiding device (62) relative to the tissue (12). Engagement of the guiding device (62) with the ablation catheter (14) operates to assist with guiding the ablating tip portion (20) in moving along the pattern (50). Various devices and methods of use are further disclosed.

No. of Pages : 116 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

(51) International classification	:F01N3/28	(71)Name of Applicant :
(31) Priority Document No	:10 2012 004 918.8	1)EMITEC GESELLSCHAFT FR
(32) Priority Date	:09/03/2012	EMISSIONSTECHNOLOGIE MBH
(33) Name of priority country	:Germany	Address of Applicant : Hauptstrae 128 53797 Lohmar
(86) International Application No	:PCT/EP2013/054536	Germany
Filing Date	:06/03/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2013/131977	1)HIRTH Peter
(61) Patent of Addition to Application	:NA	2)STOCK Holger
Number		3)BRCK Rolf
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) All stars at a		1

#### (54) Title of the invention : HONEYCOMB BODY FOR EXHAUST GAS POST TREATMENT

(57) Abstract :

The invention relates to a honeycomb body (1) for exhaust gas post treatment having a first end face (2) a second end face (3) a central axis (4) and a length (5) that penetrates both end faces. This honeycomb body has at least an at least partially structured metallic layer (6) which is arranged about the central axis (4) wherein the structure (7) of the at least one metallic layer (6) has elevations (8) and depressions (9) which extend at least over part of the length (5) of the honeycomb body (1) and run obliquely to the central axis (4). At least one metallic connecting strip (10) is further provided between adjacent regions (11) of the at least one at least partially structured metallic layer (6) and is designed to be shorter than the length (5) of the honeycomb body (1) and forms a soldered connection (12) or welded connection (13) to said adjacent regions (11). A method for producing such a honeycomb body is also specified.

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

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : ORTHOPAEDIC IMPLANT AND METHOD FOR PRODUCING SUCH AN ORTHOPAEDIC IMPLANT

<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> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	<ul> <li>A :A61F2/30,A61F2/34,A61L27/56</li> <li>A :1251516</li> <li>CO/02/2012</li> <li>France</li> <li>PCT/FR2013/050336</li> <li>P/02/2013</li> <li>WO 2013/124577</li> <li>NA</li> <li>NA</li> <li>NA</li> </ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)BRAX Michel Address of Applicant :13 rue de Saverne F 67670</li> <li>Mommenheim France</li> <li>2)CHARISSOUX Jean Louis</li> <li>3)LUSTIG Sbastien</li> <li>4)MAMAN Pascal</li> <li>5)ROCHE Olivier</li> <li>6)VENET Guillaume</li> <li>(72)Name of Inventor :</li> <li>1)BRAX Michel</li> <li>2)CHARISSOUX Jean Louis</li> <li>3)LUSTIG Sbastien</li> <li>4)MAMAN Pascal</li> <li>5)ROCHE Olivier</li> <li>6)VENET Guillaume</li> </ul>
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(57) Abstract :

This orthopaedic implant (1) comprises a polymer substrate (2) with an outer surface (3) intended to be secured to a bone tissue. The outer surface (3) is covered with metal particles (5) comprising titanium. The particles (5) comprise large primary particles (51) and small secondary particles (52). The primary particles (51) and the secondary particles (52) are evenly distributed over the outer surface (3).

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

# (19) INDIA

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : FURAN BASED POLYAMIDES

<ul> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> <li>Application No</li> <li>Filing Date</li> </ul>	:PCT/US2013/034666 :29/03/2013	<ul> <li>(71)Name of Applicant :</li> <li>1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant :1007 Market Street Wilmington Delaware 19898 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)CHAN Justin W.</li> <li>2)NEDERBERG Fredrik</li> <li>3)RAJAGOPALAN Bhuma</li> </ul>
(87) International Publication	<sup>1</sup> :WO 2013/149180	4)WILLIAMS Sharlene Renee 5)COBB Michael W
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

DISCLOSED HEREIN ARE COMPOSITIONS AND ARTICLE MADE THEREFROM AND PROCESSES OF MAKING THEM. THE COMPOSITION COMPRISES A POLYMER THE POLYMER COMPRISING A REPEAT UNIT OF FORMULA SHOWN BELOW: WHEREIN THE POLYMER IS DERIVED FROM AN AROMATIC DIAMINE COMPRISING PHENYLENE DIAMINE AND AN AROMATIC DIACID OR A DERIVATIVE THEREOF COMPRISING FURAN DICARBOXYLIC ACID OR DERIVATIVE THEREOF.

No. of Pages : 29 No. of Claims : 18

(19) INDIA

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

(43) Publication Date : 10/04/2015

(51) International classification	:E21B 43/16	(71)Name of Applicant :
(31) Priority Document No	:61/230,525	1)BAKER HUGHES INCORPORATED
(32) Priority Date	:31/07/2009	Address of Applicant :2929 ALLEN PARKWAY, SUITE
(33) Name of priority country	:U.S.A.	2100, HOUSTON, TX 77019-2118, UNITED STATES OF
(86) International Application No	:PCT/US2010/043882	AMERICA U.S.A.
Filing Date	:30/07/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/014756	1)SCOTT E. LEHRER
(61) Patent of Addition to Application	:NA	2)SAET B. DEBORD
Number	:NA :NA	3)MARC N. LEHMANN
Filing Date	INA	4)NANCY C. MEANS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		I

# (54) Title of the invention : A METHOD FOR RECOVERING OIL FROM AN OIL WELL

(57) Abstract :

In a method for optimizing gas lift operations in the production of crude oil, a surfactant is injected into the an oil well such that the surface tension between a lift gas and the formation fluid being produced is reduced and/or a lift gas-formation fluid foam is formed. The reduction in surface tension and/or foam formation increases the efficiency of the lift gas for lifting the formation fluid to the surface. The surfactant is a silicone resin which may be combined with other surfactants, in some embodi¬ments It is emphasized that this abstract is provided to comply with the rules requiring an abstract which will allow a searcher or other reader to quickly ascertain the subject matter of the technical disclosure. It is submitted with the understanding that it will not be used to interpret or limit the scope or meaning of the claims.

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

(19) INDIA

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

(43) Publication Date : 10/04/2015

(51) International classification	:A61F 5/56	(71)Name of Applicant :
(31) Priority Document No	:20 2009 010 388.9	1)DURING, KLAUS
(32) Priority Date	:31/07/2009	Address of Applicant : AUF DEM ROTENTAL 47, 50226
(33) Name of priority country	:Germany	FRECHEN, GERMANY
(86) International Application No	:PCT/EP2010/004687	(72)Name of Inventor :
Filing Date	:30/07/2010	1)DURING, KLAUS
(87) International Publication No	:WO 2011/012320	2)PFEFFER JOACHIM GEORG
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1 11 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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# (54) Title of the invention : FIXING DEVICE FOR FIXING AN APNEA STENT IN AN AIRWAY

(57) Abstract :

This invention relates to a fixing apparatus for fixing an apnea stent in the respiratory duct, the fixing apparatus (10) having a fixing device which can be fixed to a proximal end (2) of the apnea stent (1). The fixing apparatus distinguishes itself in that the fixing device has two clamping members (11,12) between which the proximal end (2) of the apnea stent (1) can be fixed. This invention also relates to a joining member for connecting an apnea stent (1) and an insertion bar (5), a cleaning tube for receiving an apnea stent and a system for splinting the respiratory duct, comprising an apnea stent and a fixing apparatus.

No. of Pages : 31 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 10/04/2015

<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 <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H04L :09167609.8 :11/08/2009 :EPO :PCT/IB2010/053638 :11/08/2010 :WO 2011/018764 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KBA-NOTASYS SA</li> <li>Address of Applicant :55, AVENUE DU GREY, P.O. BOX</li> <li>347, CH-1000 LAUSANNE 22 (CH) Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)GLOCK, STEFAN</li> <li>2)GILLICH, EUGEN</li> <li>3)SCHAEDE, JOHANNES, GEORG</li> <li>4)LOHWEG, VOLKER</li> </ul>
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : AUTHENTICATION OF SECURITY DOCUMENTS, IN PARTICULAR OF BANKNOTES

#### (57) Abstract :

There is described a method for checking the authenticity of security documents, in particular banknotes, wherein authentic security documents comprise security features (41-49; 30; 10; 51, 52) printed, applied or otherwise provided on the security documents, which security features comprise characteristic visual features intrinsic to the processes used for producing the security documents. The method comprises the step of digitally processing a sample image of at least one region of interest (R. o. I.) of the surface of a candidate document to be authenticated, which region of interest encompasses at least part of the security features, the digital processing including performing a decomposition of the sample image by means of wavelet transform (WT) of the sample image. Such decomposition of the sample image is based on a wavelet packet transform (WPT) of the sample image, preferably a so-called two-dimensional shift invariant WPT (2D-SIWPT)

No. of Pages : 41 No. of Claims : 39

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : FLUID DYNAMIC DEVICE AND FUEL FEED SYSTEM COMPRISING SAID FLUID DYNAMIC 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</li> <li>Application No     <ul> <li>Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:F02M59/34,F02M63/00,F02M37/02 :MI2012A000938 :30/05/2012 :Italy :PCT/EP2013/060134 :16/05/2013 :WO 2013/178477 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany</li> <li>(72)Name of Inventor :</li> <li>1)FIORENTINO Luigi</li> </ul>
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(57) Abstract :

Fluid dynamic device for a fuel feed system; the fluid dynamic device (50) comprising an inlet conduit (51) extending along an axis (A) an outlet conduit (52) extending along the axis (A) an intake conduit (53) and a connecting conduit (54) into which the inlet conduit (51) the outlet conduit (52) and the intake conduit (53) converge; the connecting conduit (54) defines a constriction between the inlet conduit (51) and the outlet conduit (52) so that during use a fuel pressure is created in the intake conduit (53) lower than the pressure in the inlet conduit (51) and the outlet conduit (52).

No. of Pages : 16 No. of Claims : 11

(19) INDIA

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

(43) Publication Date : 10/04/2015

(51) International classification	:A61F 5/448	(71)Name of Applicant :
(31) Priority Document No	:PA 2009 70077	1)COLOPLAST A/S
(32) Priority Date	:04/08/2009	Address of Applicant :HOLTEDAM 1, DK-3050
(33) Name of priority country	:Denmark	HUMLEBAEK, DENMARK
(86) International Application No	:PCT/DK2010/050203	(72)Name of Inventor :
Filing Date	:04/08/2010	1)RASMUS LUNDHOLT
(87) International Publication No	:WO 2011/015202	2)ANDERS ROERDAM MICHELSEN
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 41 4		1

# (54) Title of the invention : TWO-PIECE OSTOMY DEVICE WITH GUIDING AID FOR COUPLING

(57) Abstract :

The invention relates to a two-piece ostomy device comprising a base plate for adhering to the skin surrounding a stoma and a releasable collecting bag for collecting output from said stoma. The base plate is releasably connectable to the collecting bag via a first annular flange arranged on the base plate and a second annular flange arranged on the collecting bag. An adhesive is at least partly disposed on at least one of the flanges. The ostomy device further comprises a first through-going hole extending through the first annular flange along a first axis and a second through-going hole extending through the second annular flange along a second axis, wherein the ostomy device further comprises a guiding aid for arranging the first annular flange is limited relative to each other in one plane being defined by the first and the second axis and in rotation around at least one of the first or the second axis. The limited movement of the base plate and the collecting bag provides a two-piece system which is easier to apply correctly and thus reduces the risk of leakage.

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

(19) INDIA

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

(43) Publication Date : 10/04/2015

(54) Title of the invention : HOUSING W	TTH CLOSURE FLAP	
<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>	:A61M 1/14 :10 2009 045 095.5 :29/09/2009 :Germany	<ul> <li>(71)Name of Applicant :</li> <li>1)FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH Address of Applicant :ELSE-KRONER-STRASSE 1, 61352</li> <li>BAD HOMBURG, GERMANY</li> <li>(72)Name of Inventor :</li> <li>1)SYFONIOS, ANDREAS</li> </ul>

(57) Abstract :

The invention relates to an equipment housing, in particular the housing of a blood treatment device, having a housing wall 10 and a closing flap 20 for closing an opening in the housing wall 10, said closing flap being rotatably mounted with respect to a coupling element 30 via a second pivot 34, whereby the coupling element 30 is rotatably mounted with respect the housing wall 10 via a first pivot 12, whereby the closing flap 20 can be disposed in at least a second and a third opened working position, in both of which positions the opening 14 in the housing wall is not closed.

No. of Pages : 18 No. of Claims : 16

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

# (54) Title of the invention : MOTOR VEHICLE SEAT AND METHOD FOR TRANSFERRING A SEATBACK FROM THE USE POSITION TO A STOWED POSITION

<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>	:B60N 2/20 :10 2009 036 138.3 :05/08/2009 :Germany :PCT/EP2010/004667 :30/07/2010 :WO 2011/015315 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)JOHNSON CONTROLS GMBH Address of Applicant :INDUSTRIESTRASSE 20-30, 51399 BURSCHEID, GERMANY</li> <li>(72)Name of Inventor :</li> <li>1)MICHAEL FAHL</li> <li>2)TOBIAS EWALD</li> </ul>
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(57) Abstract :

The invention relates to a motor vehicle seat, in particular to a rear seat for rear rows of seats of motor vehicles. Furthermore, the invention relates to a method for shifting a first and second component (1, 6) relative to a base part (4), the first and the- second component being connected to each other by a first rotational means (GL) and the second component and the base part being connected to each other by a second rotational means (GU).

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

(19) INDIA

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

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : VARIABLE CRANK LENGTH FOR VARIABLE COMPRESSION RATIO (VCR) ENGINE (51) International classification :B64D (71)Name of Applicant : **1)DR. JEEWAN VACHAN TIRKEY** (31) Priority Document No :NA Address of Applicant : DEPARTMENT OF MECHANICAL (32) Priority Date :NA (33) Name of priority country ENGINEERING INSTITUTE OF TECHNOLOGY BANARAS :NA HINDU UNIVERSITY VARANASI UP-221005 Uttar Pradesh (86) International Application No :NA Filing Date :NA India (87) International Publication No :NA (72)Name of Inventor : (61) Patent of Addition to Application Number :NA 1)DR. JEEWAN VACHAN TIRKEY Filing Date :NA (62) Divisional to Application Number :NA

:NA

(57) Abstract :

Filing Date

Energy economy and pollution factor highly influence the global development. An engine is a device which converts the chemical energy of fuel into thermal energy and into mechanical energy. About 35% of total chemical energy is converted to useful crankshaft work, and remaining fuel energy is carried away by exhaust and coolant. In a conventional reciprocating engine operates at constant compression ratio and fuel consumption increases in higher engine speed. It was found that, the efficiency increases by increasing compression ratio (CR), and is limited by knocking and thermal stress of combustion chamber of an engine. On other hand, efficiency decreases with increasing speed of the engine. In view of this, a device is considered which can change compression ratio with respect to engine speed. The centrifugal force on crank revolution is utilized to change the crank length and corresponding change in the compression ratio of the engine. Thus more speed of the engine provides increased compression ratio and corresponding more efficiency. The maximum and minimum compression ratios are achieved automatically according to engine speed change. The CR is controlled by expansion spring fitted sliding block in the slotted crank, which is coupled with big end of connecting rod. Thus variable engine speed and corresponding variable ratio (VCR) promise enhanced thermal efficiency and low fuel consumption. It was theoretically analyzed through computer simulation that, 3 mm variation of crank length provides around 7% increment in thermal efficiency and 8% of lower brake specific fuel consumption for 13 CR at 6000 engine revolution (RPM).

No. of Pages : 8 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :08/10/2013

(54) The of the invention . The FATH FINDING SE		K WITH DOS IDENTIFIER
(51) International classification	:G01S	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RICHIK VIVEK SEN
(32) Priority Date	:NA	Address of Applicant :3-M, CENTRAL GOVT. HOUSING
(33) Name of priority country	:NA	COMPLEX, VASANT VIHAR, NEW DELHI - 110057 Delhi
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RICHIK VIVEK SEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (54) Title of the invention : THE PATH FINDING SENSOR STICK WITH BUS IDENTIFIER

#### (57) Abstract :

PRINCIPLE OF FUNCTIONING OF BUS IDENTIFICATION SYSTEM: 7.1 The bus identification device works on radio frequency interrogative device (WID) technology and has three components installed at three independent user groups. The three groups are as follows: a. The first group is that of blind persons who are equipped with a blind stick to which a transmitter circuit is attached. b. The second group consists of buses arriving and departing from the bus stand. The buses are also equipped with a transmitter circuit enabling the driver of the bus to notify his bus number to the bus stand. c. The third group consists of bus stands equipped with a receiver circuit(passive). The receiver circuit is capable of receiving transmissions from both the blind person and the buses. All user groups work in synchronised manner in the bus identification system. 7.2 The Blind Stick of the blind person at the bus stand is installed with a radio frequency transmitter system (passive type), which is used by the blind person to communicate with the bus stands to send hisher request for a specific bus route number. According to this request, the transmitter is capable of sending a serial code with specific frequency. The transmitter system does this with the help of one microcontroller (89C52) and an encoder for converting the blind persons request to a serial code. This serial code is received by the RF module receiver at the bus Stand. Thereafter, the decoder IC decodes the serial code and with help of microcontroller, voice processor announces the bus route numberls through speakers installed at the bus stand. 7.3 The bus stand is also equipped with two lights. Out of these two, one is triggered by the blind stick when the signal is sent by the blind person to the bus stand. The light helps in notifing the presence of a blind person at the bus stand to the bus-driver as well as to co-passengers. The second light plows when the signal from the bus driver is received. Once both the lights glow, it means that a blind person as well as a bus is present at the stand. If the bus is the one required by the blind person, then he gets in with the help of co-passengers and after his requirement is met, he presses the switch in his stick to switch off the light at the stand. Eventually the bus driver also does the same. 7.4 The buses arriving at the bus stand are also installed with a radio frequency transmitter system, which is used by the bus driver to send signal to the bus stand. The transmitter is capable of sending a serial code with specific frequency; on the same principle as mentioned in case of blind stick. The Driver notifies his bus number to the bus stand with the help of this signal. The circuit at the bus stand is equipped with a radio frequency receiver, a decoder, a microcontroller, a voice processor, a speaker and two lights. The request sent by blind person and serial codes sent by the bus drivers, are received by the FW receiver and decoded by decoder IC installed in the receiver circuit at the bus stand, one after another. Microcontroller fitted in the bus stand, with the help of decoder IC, triggers a voice processor to announce the specific bus route number corresponding to the serial code after decoding. After the serial code is decoded, the speaker announces the bus number. Material Used-8. This project consists of many components. Some of the important components used are as follows:- (a) Blind stick -Micro Controller, Voice Processor, Volt regulator. Transistor, Micro-Switch, Variable resister, Capacitor, key pad, encoder, RF transmitter, LEDs; (b) Bus - Keypad, RF Transmitter, microcontroller, encoder IC and LEDs; and, (c) Bus stand - RF receiver, decoder IC, mike, Speaker, LEDs and power supply circuit. Use/Utility and further scope of the project:- of the blinds have the desire to stay independent as long as possible and desire to travel safely. This is also true for old persons with poor eve sight. However, blind and elderly persons are afraid of relying on unknown street side persons. Our concept of combining innovative technologies with common sense of individual social responsibility could be a solution for persons suffering from various sensory deficits. In future this project will help the blind and elderly persons to be more independent and travel safe. We can also make stick in vibration mode. This will help the blind persons to sense the obstacles more effectively. Further, we can also make the bus stand, in bus identification system to interact with the blind persons, by introducing smart card options etc.

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 10/04/2015

# (54) Title of the invention : HIGH STRENGTH STEEL PIPES WITH EXCELLENT TOUGHNESS AT LOW TEMPERATURE AND SULFIDE STRESS CORROSION CRACKING RESISTANCE

(51) International classification (31) Priority Document No	:C08L :MI2011A000180	(71)Name of Applicant : 1)DALMINE S.P.A.
(31) Priority Document No (32) Priority Date	:07/02/2011	Address of Applicant :PIAZZA CADUTI 6 LUGLIO 1944 N.
(33) Name of priority country	:Italy	1-24044 DALMINE, BERGAMO, ITALY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ANELLI ETTORE
(87) International Publication No	:NA	2)ARMENGOL MARIANO
(61) Patent of Addition to Application Number	:NA	3)NOVELLI PAOLO
Filing Date	:NA	4)TINTORI FEDERICO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract :

Embodiments of the present disclosure comprise carbon steels and methods of manufacturing pipes having a wall thickness greater than or equal to about 8 mm and less than or equal to about 35 mm there from. In one embodiment, a steel composition is provided that yields an average austenite grain size greater than about 15  $\mu$ m. Based upon this composition, a quenching sequence has been determined that provides a microstructure of greater than or equal to about 60% by volume, and less than or equal to about 40% by volume lower bainite, without substantial formation of ferrite, upper bainite, or granular bainite. After quenching, the pipe may be subjected to tempering. The yield strength of the quenched and tempered pipes may be greater than about 550 MPa (80 ksi) or 625 MPa (90 ksi) and mechanical property measurements find the quenched and tempered pipes suitable for 550 MPa (80 ksi) grade and 625 MPa (90 ksi) grade.

No. of Pages : 60 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

# (54) Title of the invention : METHOD FOR ENZYMATIC REDOX COFACTOR REGENERATION

<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> </ul>	:C12P19/02,C12P19/36,C12P33/00 :12450007.5 :07/02/2012 :EPO	<ul> <li>(71)Name of Applicant :</li> <li>1)ANNIKKI GMBH Address of Applicant :Rankengasse 28a A 8020 Graz Austria</li> <li>(72)Name of Inventor :</li> <li>1)ERTL Ortwin</li> <li>2)STAUNIG Nicole</li> </ul>
No Filing Date	:PCT/EP2013/052313 :06/02/2013	3)SUT Marta 4)MAYER Bernd
(87) International Publication No	:WO 2013/117584	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is a method for enzymatically regenerating the redox confactors NAD/NADH and NADP/NADPH in a one pot reaction. In said method one of the two redox cofactors is obtained in the reduced form thereof while the other redox cofactor is obtained in the oxidized form thereof as a result of at least two additional enzymatically catalyzed redox reactions (product forming reactions) taking place in the same reaction batch. The disclosed method is characterized in that a) oxygen or a compound of general formula RC(O)COOH is reduced during the regeneration reaction converting the reduced cofactor back into the original oxidized form thereof and b) a compound of general formula RCH(OH)Ris oxidized during the regeneration converting the oxidized cofactor back into the original reduced form thereof R R and R in the compounds having different meanings.

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

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : COATED ARTICLE WITH LOW E COATING HAVING MULTILAYER OVERCOAT AND METHOD OF MAKING SAME

(57) Abstract :

A coated article is provided so as to include a low E (low emissivity) coating having an infrared (IR) reflecting layer sandwiched between at least a pair of dielectric layers. The IR reflecting layer may be of or include a material such as silver (Ag) and is provided between a pair of contact layers. The low E coating includes an overcoat having a substantially metallic layer (e.g. NbZr or Zr) which has been found to improve the durability of the coating without significantly sacrificing desired optical characteristics. Such coated articles may be used in the context of windows.

No. of Pages : 32 No. of Claims : 42

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

# (54) Title of the invention : UNFIRED CARBON -CONTAINING AGGLOMERATE FOR BLAST FURNACES 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 Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C22B 1/243 :2009-191966 :21/08/2009 :Japan :PCT/JP2010/063726 :12/08/2010 :WO 2011/021577 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NIPPON STEEL &amp; SUMITOMO METAL</li> <li>CORPORATION, Address of Applicant :6-1, MARUNOUCHI 2-CHOME,</li> <li>CHIYODA-KU, TOKYO 100-8071, JAPAN,</li> <li>(72)Name of Inventor :</li> <li>1)KENICHI HIGUCHI</li> <li>2)HIROKAZU YOKOYAMA</li> <li>3)KAZUYA KUNITOMO</li> </ul>
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## (57) Abstract :

The cold-bonded carbon composite agglomerates have a carbon content (T. C) in a range of 18 to 25% by mass, and a ratio CaO/SiO2 between a CaO content (% by mass) and a SiO2 content (% by mass) in a range of 1.0 to 2.0. The method for manufacturing coldbonded carbon composite agglomerates includes: forming a molded body by mixing and kneading iron-containing raw materials, carbon-containing raw materials, and a binder and molding a kneaded substance to obtain the molded body; and obtaining coldbonded carbon composite agglomerates by subsequently curing the molded body, wherein either one or both of blending conditions of an iron ore brand and a binder blending amount are adjusted in the forming of the molded body such that a carbon content (T. C) becomes in a range of 18 to 25% by mass and a ratio of CaO/SiO2 between a CaO content (% by mass) and a SiO2 content (% by mass) as gangue mineral constituents becomes in a range of 1.0 to 2.0 in the cold-bonded carbon composite agglomerates.

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

(19) INDIA

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : INDEPENDENT POWER SUPPLY SYSTEM (51) International classification :H02J3/46,H02J3/32,H02J3/38 (71)Name of Applicant : (31) Priority Document No 1)HITACHI LTD. :2012039526 (32) Priority Date Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku :27/02/2012 (33) Name of priority country Tokyo 1008280 Japan :Japan :PCT/JP2012/080661 (72)Name of Inventor : (86) International Application No 1)UCHIYAMA Noriyuki Filing Date :28/11/2012 (87) International Publication No :WO 2013/128731 2)KONDO Shinichi (61) Patent of Addition to 3)NAGAYAMA Yuichi :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

## (57) Abstract :

The purpose of the present invention is the provision of an independent power supply system that is capable of reducing the costs associated with installation. This independent power supply system is characterized by using weather forecast data to calculate demand prediction data for a load device and power output prediction data for a natural energy generator limiting power output from the natural energy generator when it is predicted on the basis of the demand prediction data and the power output prediction data that charging of a battery will take place at a level surpassing the maximum charging power of the battery and limiting power consumption by a load for adjustment when it is predicted on the basis of the demand prediction data and the power output prediction data that power discharge from the battery will surpass the maximum discharge power of the battery.

No. of Pages : 88 No. of Claims : 10

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

# (54) Title of the invention : COMMUNICATION SYSTEM, COMMUNICATION APPARATUS, COMMUNICATION METHOD AND COMPUTER PROGRAM PRODUCT

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H04W 16/26 :JP2009-185406 :10/08/2009 :Japan :PCT/JP2010/005008 :10/08/2010 :WO 2011/018892 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SONY CORPORATION <ul> <li>Address of Applicant :1-7-1 KONAN, MINATO-KU,</li> <li>TOKYO 108-0075, JAPAN</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)HIROAKI TAKANO</li> </ul> </li> </ul>
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## (57) Abstract :

A relay node (or relay station) operates as an intermediary entity in a transmission between a base station and a mobile station based on its position in a cell and the mobile station's position in the cell. Since the cell is divided into multiple regions and different wireless resources are used in the multiple regions, the relay node employs the relevant wireless resources to be used in the communications based on positions of the relay node and the mobile station. When the relay station and the mobile station are both in the boundary region, it is possible to avoid interference in the relay station by adapting a relay mode that uses a boundary frequency avoiding interference with adjacent cells for both an uplink and a downlink and demultiplexes a relay link and an access link in a time direction for each of the uplink and the downlink. Similar adaptations are made when the mobile station and the relay station are in various positions within a center cell region and boundary cell region.

No. of Pages : 66 No. of Claims : 20

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

(54) Title of the invention : BENZIMIDAZOLE ANALOGUES FOR THE TREATMENT OR PREVENTION OF FLAVIVIRUS INFECTIONS

<ul> <li>(51) International classification</li> <li>:C07D 401/14</li> <li>(31) Priority Document No</li> <li>:61/226,152</li> <li>(32) Priority Date</li> <li>:16/07/2009</li> <li>(33) Name of priority country</li> <li>:U.S.A.</li> <li>(86) International Application No</li> <li>:PCT/US2010/042:</li> <li>Filing Date</li> <li>:16/07/2010</li> <li>(87) International Publication No</li> <li>:WO 2011/009084</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>:NA</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> <li>:NA</li> <li>Filing Date</li> <li>:NA</li> </ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)VERTEX PHARMACEUTICALS INCORPORATED Address of Applicant :130 WAVERLY STREET, CAMBRIDGE, MASSACHUSETTS 02139, UNITED STATES OF AMERICA U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)HENDERSON, JAMES A.</li> <li>2)MAXWELL, JOHN</li> <li>3)VAILLANCOURT, LOUIS</li> <li>4)MORRIS, MARK</li> <li>5)GREY, JR., RONALD</li> <li>6)GIROUX, SIMON</li> <li>7)KONG, LAVAL CHAN CHUN</li> <li>8)DAS, SANJOY, KUMAR</li> <li>9)LIU, BINGCAN</li> <li>10)POISSON, CARL</li> <li>11)CADILHAC, CAROLINE</li> <li>12)BUBENIK, MONICA</li> <li>13)REDDY, T., JAGADEESWAR</li> <li>14)FALARDEAU, GUY</li> <li>15)YANNOPOULOS, CONSTANTIN</li> <li>16)WANG, JIAN</li> <li>17)PEREIRA, OSWY, Z.</li> <li>18)BENNANI, YOUSSEF, L.</li> <li>19)PIERCE, ALBERT C.</li> <li>20)BHISETTI, GOVINDA RAO</li> <li>21)COTTRELL, KEVIN M.</li> <li>22)MARONE, VALERIE</li> </ul>
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# (57) Abstract :

Compounds represented by formula (I) or pharmaceutically acceptable salts and solvates thereof, where A, B, B', X, Y, Rl', R2', R3', R5, R5', R6, m, n, or p are as defined herein, are useful for treating flaviviridae viral infections.

No. of Pages : 456 No. of Claims : 168

(19) INDIA

(22) Date of filing of Application :20/08/2014

#### (43) Publication Date : 10/04/2015

(51) International classification	:E05B65/12	(71)Name of Applicant :
(31) Priority Document No	:10 2012 203 734.9	1)KIEKERT AKTIENGESELLSCHAFT
(32) Priority Date	:09/03/2012	Address of Applicant :Hseler Platz 2 42579 Heiligenhaus
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/DE2013/000085	(72)Name of Inventor :
Filing Date	:16/02/2013	1)SCHOLZ Michael
(87) International Publication No	:WO 2013/131502	2)HANDKE Armin
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (54) Title of the invention : LOCK FOR A PANEL OR DOOR

(57) Abstract :

The aim of the invention is to provide a reliably functioning lock for a motor vehicle in particular. This is achieved in that the claimed lock for a door or a panel has a locking mechanism consisting of a rotary latch and at least one pawl for locking the rotary latch. The rotary latch and the pawl are preferably designed such that the rotary latch is capable of introducing an opening torque into the pawl. The locking mechanism has a triggering lever for opening the locking mechanism. A transmission device is further provided which increases the pivotal movement of the triggering lever and which comprises a transmission lever in particular for moving the pawl out of the locking position of the pawl by means of a follower. On the basis of the pivotal movement transmission caused by the transmission lever a relatively small pivotal movement of the triggering lever is sufficient to move the pawl completely out of the locking position by means of the follower. The invention thus ensures that a locking mechanism can be reliably opened even when the triggering lever can no longer be pivoted over the entire original distance due to the effects of aging.

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

(21) Application No.7005/DELNP/2014 A

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

# (54) Title of the invention : POLYESTERS AND ARTICLES MADE THEREFROM

<ul> <li>(86) International</li> <li>PCT/US2013/034734</li> <li>Application No</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>(63) Divisional to</li> <li>(64) Patent of Addition to</li> <li>(65) Divisional to</li> <li>(65) Divisional to</li> <li>(66) Divisional to</li> <li>(66) Divisional to</li> <li>(66) Divisional to</li> <li>(61) Patent of Addition to</li> <li>(62) Divisional to</li> <li>(63) Divisional to</li> <li>(64) Divisional to</li> <li>(65) Divisional to</li> <li>(65) Divisional to</li> <li>(66) Divisional to</li> <li>(66) Divisional to</li> <li>(67) Divisional to</li> <li>(68) Divisional to</li> <li>(69) Divisional to</li> <li>(61) Patent of Addition to</li> <li>(62) Divisional to</li> <li>(63) Divisional to</li> <li>(64) Divisional to</li> <li>(65) Divisional to</li> <li>(65) Divisional to</li> <li>(7) Divisional</li></ul>	Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to	:30/03/2013 :WO 2013/149221 :NA :NA :NA	<ul> <li>1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant :1007 Market Street Wilmington Delaware 19898 U.S.A.</li> <li>(72)Name of Inventor : 1)NEDERBERG Fredrik</li> <li>2)RAJAGOPALAN Bhuma</li> </ul>
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(57) Abstract :

Disclosed herein are polyesters and articles made therefrom. The article comprising a substrate comprising a first surface and a second surface the second surface in contact with an outside environment wherein the substrate comprises a polymer comprising poly(trimethylene furandicarboxylate) (PTF) and wherein the polymer provides an improvement in gas barrier properties of the substrate as compared to a substrate comprising nascent poly(ethylene terephthalate) (PET).

No. of Pages : 53 No. of Claims : 21

(21) Application No.7006/DELNP/2014 A

(19) INDIA(22) Date of filing of Application :20/08/2014

(43) Publication Date : 10/04/2015

# (54) Title of the invention : POLYESTERS AND FIBERS MADE THEREFROM

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:61/618449 :30/03/2012 :U.S.A. :PCT/US2013/034735 :30/03/2013 :WO 2013/149222 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant :1007 Market Street Wilmington Delaware 19898 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)NEDERBERG Fredrik</li> <li>2)RAJAGOPALAN Bhuma</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed herein are polyesters and fibers made therefrom. The fiber comprises a polymer poly(trimethylene furandicarboxylate) (PTF) and PTF based copolymers.

No. of Pages : 40 No. of Claims : 14

(19) INDIA

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

#### (43) Publication Date : 10/04/2015

(54) Title of the invention : SCALP WAS	HING DEVICE	
<ul> <li>(54) The of the invention : SCALT WAS</li> <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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A46D 1/05 :2009-176602 :29/07/2009 :Japan :PCT/JP2010/062771 :29/07/2010 :WO 2011/013739 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KAO CORPORATION <ul> <li>Address of Applicant :14-10, NIHONBASHI-KAYABACHO</li> <li>1-CHOME, CHUO-KU, TOKYO 103-8210, JAPAN</li> <li>(72)Name of Inventor :</li> <li>1)TOSHIO WATANABE</li> <li>2)KEIJI YOSHI</li> </ul> </li> </ul>

#### (57) Abstract :

A scalp washing device (10, 10A) includes a base (11) and projections (41) for washing projected from a brush surface (30a) of the base (11). Each of the projections (41) includes a root portion (41b) on a side of the base (11) having a circular shape in cross-section, a middle portion (41a) including a tip surface (41c) having a flattened shape in cross-section, and at least a pair of conical tip projections (42, 42) each having a tip (42a) chamfered to have a curved surface and provided on the tip surface (41c). The middle portion (41a) has a cross-sectional shape changing from a circular shape to a flattened shape from a side of the root portion (41b) to a side of the tip surface (41c).

No. of Pages : 66 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

(54) Title of the invention : GEOPOLYMERIC STRUCTURAL BUILDING UNITS AND METHODS OF MANUFACTURE THEREOF

(51) International classification	:C04B 28/00	(71)Name of Applicant :
(31) Priority Document No	:0911633.6	1)BANAH UK LTD.
(32) Priority Date	:06/07/2009	Address of Applicant :FITCH CHARTERED
(33) Name of priority country	:U.K.	ACCOUNTANTS, GORDON ST. MEWS, 27-29 GORDON
(86) International Application No	:PCT/EP2010/059664	STREET, BELFAST ANTRIM BT1 2LG, GREAT BRITAIN
Filing Date	:06/07/2010	U.K.
(87) International Publication No	:WO 2011/003918	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)BLACKSTOCK, JOHN, MELLVENNA
Number		2)NEILL, JAMES
Filing Date	:NA	3)MCINTOSH, JOHN, ANDREW
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The present invention provides a geopolymeric cement formed from a precursor having a relatively high alumina content (Si:AI atomic ratio of less than or equal to 1.3:1) to form an alkaline multiphase alumino-silicate material. The precursor comprises basaltic rock in which kaolinization is at an advanced stage, preferably Interbasaltic material found in Northern Ireland. The present invention also provides structural units for constructing a building, the structural units being manufactured using the geopolymeric cement of the invention. The invention also provides a process for producing a geopolymeric cement comprising a precursor having a relatively high alumina content (Si:AI atomic ratio of less than or equal to 1.3:1) to form an alkaline alumino-silicate geopolymer material for manufacturing-geopolymeric structural building units having compressive strengths of greater than 3 N/mm2 and preferably having compressive strengths in the range of 12 - 25 N/mm2.

No. of Pages : 64 No. of Claims : 23

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

(54) Title of the invention : LARGE AREA DEPOSITION AND DOPING OF GRAPHENE, AND PRODUCTS INCLUDING THE SAME

(51) International classification	:C30B 29/02	(71)Name of Applicant :
(31) Priority Document No	:12/461,343	1)GUARDIAN INDUSTRIES CORP.
(32) Priority Date	:07/08/2009	Address of Applicant :2300 HARMON ROAD, AUBURN
(33) Name of priority country	:U.S.A.	HILLS, MI 48326-1714, UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2010/002058	U.S.A.
Filing Date	:22/07/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/016837	1)VEERASAMY, VIJAYEN, S.
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (57) Abstract :

Certain example embodiments of this invention relate to the use of graphene as a transparent conductive coating (TCC). In certain example embodiments, graphene thin films grown on large areas hetero-epitaxially, e.g., on a catalyst thin film, from a hydrocarbon gas (such as, for example, C2H2, CH4, or the like). The graphene thin films of certain example embodiments may be doped or undoped. In certain example embodiments, graphene thin films, once formed, may be lifted off of their carrier substrates and transferred to receiving substrates, e.g., for inclusion in an intermediate or final product. Graphene grown, lifted, and transferred in this way may exhibit low sheet resistances (e.g., less than 150 ohms/square and lower when doped) and high transmission values (e.g., at least in the visible and infrared spectra).

No. of Pages : 42 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :19/08/2014

#### (43) Publication Date : 10/04/2015

(-)		
(51) International classification	:A61M1/10	(71)Name of Applicant :
(31) Priority Document No	:NA	1)QUANTA FLUID SOLUTIONS LIMITED
(32) Priority Date	:NA	Address of Applicant : Tything Road Alcester Warwickshire
(33) Name of priority country	:NA	B49 6EU U.K.
(86) International Application No	:PCT/GB2012/050355	(72)Name of Inventor :
Filing Date	:16/02/2012	1)BUCKBERRY Clive
(87) International Publication No	:WO 2013/121163	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (54) Title of the invention : BLOOD PUMP

(57) Abstract :

Ablood pump 2 comprising: a cartridge 4 having a concave recess 8 therein having a surface and a flexible membrane 0 covering said recess the concave recess and flexible membrane forming a pump chamber 12 having an inlet 14 and an outlet 16 wherein: said flexible membrane is movable between a first position separated from said surface wherein in such position the pump chamber has a maximum volume and a second position substantially adjacent said surface such that in said second position the pump chamber has a minimum volume a pump driver mechanism 18 arranged to interface with the cartridge said driver operable to move the flexible membrane in a first direction into the recess to in use pump blood from the chamber and operable to move the flexible membrane in a second direction away from the recess to in use draw blood into said chamber; and wherein the pump driver controls the movement of the flexible membrane in the first direction such that the speed at which it is moving reduces as it approaches the surface of the concave recess.

No. of Pages : 13 No. of Claims : 14

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

(43) Publication Date : 10/04/2015

# (54) Title of the invention : 3-HETEROARYLMETHYL-IMIDAZO[1,2-B]PYRIDAZIN-6-YL DERIVATIVES AS C-MET TYROSINE KINASE MODULATORS

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C07D 487/04 :61/273,756 :07/08/2009 :U.S.A. :PCT/EP2010/061485 :06/08/2010 :WO 2011/015652 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NOVARTIS AG Address of Applicant :LICHTSTRASSE 35, CH-4056 BASEL, SWITZERLAND.</li> <li>(72)Name of Inventor :</li> <li>1)FURET PASCAL</li> <li>2)MCCARTHY CLIVE</li> <li>3)SCHOEPFER JOSEPH</li> <li>4)STUTZ STEFAN</li> </ul>
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(57) Abstract :

The invention relates to compounds of formula (I) and salts thereof, wherein the substituents are as defined in the specification, the application of a compound of formula (I) in a process for the treatment of the human or animal body, in particular with regard to C-Met tyrosine kinase mediated disease; the use of a compound of formula (I) for manufacturing a medicament for the treatment of such diseases; pharamaceutical compositions comprising a compound of the formula (I), optionally in the presence of a combination partner; processes for the preparation of a compound of formula (I).

No. of Pages : 112 No. of Claims : 15

(19) INDIA

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

(54) Title of the invention : ANHYDRATE OF TRIOTROPIUM BROMIDE

(43) Publication Date : 10/04/2015

(51) International classification	:C07D 451/10	(71)Name of Applicant :
(31) Priority Document No	:1048/KOL/2009	1)GENERICS [UK] LIMITED
(32) Priority Date	:07/08/2009	Address of Applicant : ALBANY GATE, DARKES LANE,
(33) Name of priority country	:India	POTTERS BAR, HERTFORDSHIRE EN6 1AG, UNITED
(86) International Application No	:PCT/GB2010/051310	KINGDOM
Filing Date	:06/08/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/015882	1)GORE, VINAYAK GOVIND
(61) Patent of Addition to Application	:NA	2)MANOJKUMAR, BINDU
Number	:NA	3)SHINDE, DATTATRAYA
Filing Date	.111/1	4)KOKANE, DATTATREY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract :

Novel Anhydrate The present invention relates to a novel form of anhydrous tiotropium bromide, processes for the preparation of anhydrous tiotropium bromide, pharmaceutical compositions comprising anhydrous tiotropium bromide and uses of the compositions.

No. of Pages : 27 No. of Claims : 45

(1) INDIA

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

# (54) Title of the invention : METHOD OF PROCESSING LIGNOCELLULOSIC BIOMASS USING FEEDBACK CONTROL OF HYDROTHERMAL PRETREATMENT

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:61/586844 :15/02/2012 :U.S.A.	<ul> <li>(71)Name of Applicant : <ol> <li>I)INBICON A/S</li> <li>Address of Applicant :Kraftvaerksvej 53 Sk¦b¦k DK 7000</li> </ol> </li> <li>Fredericia Denmark <ul> <li>(72)Name of Inventor : <ol> <li>LARSEN Jan</li> </ol></li></ul> </li> <li>2)MOGENSEN Kit Kellebjerg</li> <li>3)J<sup>*</sup>RGENSEN Pia</li> </ul>
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#### (57) Abstract :

The invention relates to a method of processing lignocellulosic biomass comprising: providing lignocellulosic biomass feedstock; pretreating said biomass feedstock by continuous hydrothermal pretreatment in a pressurized reactor; measuring xylan number or lignin number in the output stream of pretreated biomass from the pretreatment reactor; and controlling the pretreatment reactor so as to maintain in the output stream of pretreated biomass a pre determined level of measured xylan number or lignin number. The method allows for continuously controlling the digestibility of a lignocellulosic biomass during the step of pretreatment and accordingly provides a continuous estimate of the severity of the pretreatment.

No. of Pages : 42 No. of Claims : 13

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

# (54) Title of the invention : MIXED FLOW TURBOCHARGER WITH VARIABLE TURBINE GEOMETRY

<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> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:PCT/US2013/023389 :28/01/2013 :WO 2013/116136 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BORGWARNER INC. Address of Applicant :Patent Department 3850 Hamlin Road Auburn Hills Michigan 48326 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)GRABOWSKA David G.</li> <li>2)KIERAT Jaroslaw</li> <li>3)URBANCZYK Olgierd</li> <li>4)MAZUREK Andrzej</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A turbocharger (10) including variable turbine geometry has a turbine wheel (24) with a turbine axis of rotation (R1) that extends in an axial direction. The turbocharger (10) also has a plurality of guide vanes (34) that is selectively movable between a range of angular positions. Each one of the guide vanes (34) is supported for pivotal movement about a guide vane axis of rotation (R2) and each guide vane axis of rotation (R2) is non parallel to the turbine axis of rotation (R1).

No. of Pages : 36 No. of Claims : 25

# (19) INDIA

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

(54) Title of the invention · PEGYLATED L-ASPARAGINASE

#### (43) Publication Date : 10/04/2015

L-ASI ARAQINASE	
:A61K 47/48	(71)Name of Applicant :
:61/223,320	1)ALIZE PHARMA II
:06/07/2009	Address of Applicant :15 CHEMIN DU SAQUIN ESPACE
:U.S.A.	EUROPEEN, F-69130 ECULLY, FRANCE
:PCT/EP2010/059599	(72)Name of Inventor :
:06/07/2010	1)ABRIBAT THIERRY
:WO 2011/003886	
:NA	
:NA	
:NA	
:NA	
	:A61K 47/48 :61/223,320 :06/07/2009 :U.S.A. :PCT/EP2010/059599 :06/07/2010 :WO 2011/003886 :NA :NA :NA

#### (57) Abstract :

Disclosed is a conjugate of a protein having substantial L-asparagine aminohydrolase activity and polyethylene glycol. In particular, the polyethylene glycol has a molecular weight less than or equal to about 5000 Da and the protein is an L-asparaginase from Erwinia. The conjugate of the invention has shown superior properties such as maintenance of a high level of in vitro activity and an unexpected increase in half-life in vivo. Also disclosed are methods of producing the conjugate and use of the conjugate in therapy. In particular, a method is disclosed for use of the conjugate in the treatment of cancer, particularly Acute Lymphoblastic Leukemia (ALL). More specifically, a method is disclosed for use of the conjugate as a second line therapy for patients who have developed hypersensitivity or have had a disease relapse after treatment with other L-asparaginase preparations.

No. of Pages : 63 No. of Claims : 94

(21) Application No.988/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

(51) International classification	:G09G 3/00	(71)Name of Applicant :
(31) Priority Document No	:12/498,253	1)CREE, INC.
(32) Priority Date	:06/07/2009	Address of Applicant :4600 SILICON DRIVE, DURHAM,
(33) Name of priority country	:U.S.A.	NORTH CAROLINA 27703, USA U.S.A.
(86) International Application No	:PCT/US2010/001852	(72)Name of Inventor :
Filing Date	:28/06/2010	1)RONAN LE TOQUIN
(87) International Publication No	:WO 2004/044877	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		I

# (54) Title of the invention : LED PACKAGES WITH SCATTERING PARTICLE REGIONS

(57) Abstract :

An LED package comprises at least one LED that emits LED light in an LED emission profile. The LED package includes regions of scattering particles with the different regions scattering light primarily at a target wavelength or primarily within a target wavelength range. The location of the regions and scattering properties are based at least partially on the, LED emission profile. The regions scatter their target wavelength of LED light to improve the uniformity of the LED emission profile so that the LED package emits a more uniform profile compared to the LED emission profile. By targeting particular wavelengths for scattering, the emission efficiency losses are reduced.

No. of Pages : 40 No. of Claims : 11

(19) INDIA

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

(43) Publication Date : 10/04/2015

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H04L12/42 :2012043972 :29/02/2012 :Japan :PCT/JP2013/055238 :27/02/2013 :WO 2013/129526 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>NEC CORPORATION</li> <li>Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo</li> </ol> </li> <li>1088001 Japan</li> <li>(72)Name of Inventor : <ol> <li>TAKAHASHI Masahiro</li> </ol> </li> </ul>
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# (54) Title of the invention : NODE RING NETWORK PACKET TRANSFER METHOD AND PROGRAM

(57) Abstract :

This invention improves the line utilization rate of a network having a ring shaped network topology. A node forms a ring shaped network topology with adjacent nodes and is provided with: a packet transmitter/receiver for transmitting/receiving packets through a logical link in which a plurality of links with the adjacent nodes is logically integrated; a packet processor for referencing a predetermined transfer table and determining the transfer destination of the reception packets; and a packet switching unit for switching packets to the determined transfer destination. The node is provided with a bypass management unit which when traffic flowing in a logical link with a downstream side node that constitutes the ring shaped topology exceeds a predetermined band due to a packet being switched to the determined transfer destination transfers the packet in the opposite direction using the logical link with the upstream node that constitutes the ring shaped topology.

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

(19) INDIA

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

#### (43) Publication Date : 10/04/2015

(54) Title of the invention : X RAY THIC	KNESS METER	
<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G01B15/02 :2012198531 :10/09/2012 :Japan :PCT/JP2012/007373 :16/11/2012 :WO 2014/037984 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1 1 Shibaura 1 chome Minato ku Tokyo 1058001 Japan</li> <li>(72)Name of Inventor :</li> <li>1)KAGAWA Takeshi</li> </ul>

#### (57) Abstract :

The purpose of the present invention is to provide a lower cost X ray thickness meter having a calibration curve calibration function. This X ray thickness meter is capable of measuring the plate thickness of a measurement subject on the basis of a detected dose and a calibration curve that are obtained by irradiating X rays on the measurement subject and executing calibration curve calibration which calibrates calibration curves. An X ray thickness meter main body stores a corrected curve indicating the rate of change in the detected dose amount at a plurality of calibration points defining a desired thickness for each disturbance factor that causes the detected dose to change. Also the main body is used when creating calibration curves and stores: the detected dose in a first state in which a calibration plate is not inserted into the X ray beam; the detected dose in a second state in which the calibration plate is used and after correcting the detected dose at each calibration point the calibration curve is calibrated on the basis of the corrected detected dose.

No. of Pages : 25 No. of Claims : 3

(21) Application No.964/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 10/04/2015

(51) International classification	:F16F 7/10	(71)Name of Applicant :
(31) Priority Document No	:0913759.7	1)CAMBRIDGE ENTERPRISE LIMITED
(32) Priority Date	:06/08/2009	Address of Applicant : THE OLD SCHOOLS, TRINITY
(33) Name of priority country	:U.K.	LANE, CAMBRIDGE CB2 1TN, UNITED KINGDOM U.K.
(86) International Application No	:PCT/GB2010/001491	2)MCLAREN RACING LIMITED
Filing Date	:06/08/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/015828	1)GLOVER, ANTHONY, RICHARD
(61) Patent of Addition to Application	:NA	2)SMITH, MALCOLM, C.
Number	:NA :NA	3)HOUGHTON, NEIL, E.
Filing Date	.INA	4)LONG, PETER, J., G.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract :		

# (54) Title of the invention : FORCE-CONTROLLING HYDRAULIC DEVICE

(57) Abstract :

A device for use in the control of mechanical forces is provided. The device comprises first and second terminals for connection, in use, to components in a system for controlling mechanical forces and independently moveable. The device further comprises hydraulic means connected between the terminals and containing a liquid. The hydraulic means are configured, in use, to produce upon relative movement of the terminals, a liquid flow to generate an inertial force due to the mass of the liquid to control the mechanical forces at the terminals such that they are substantially proportional to the relative acceleration between the terminals. Hydraulic cylinder with external and for internal helical fluid path (5,16)

No. of Pages : 14 No. of Claims : 11

(19) INDIA

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

(43) Publication Date : 10/04/2015

(54) Title of the invention : COMBINATION OF A CHEMOTHERAPEUTIC AGENT AND AN INHIBITOR OF THE TGF-BETA 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)ANTISENSE PHARMA GMBH Address of Applicant :JOSEF-ENGERT-STR. 9,93053</li> <li>REGENSBURG, GERMANY</li> <li>(72)Name of Inventor :</li> <li>1)SCHLINGENSIEPEN, KARL-HERMANN</li> <li>2)JASCHINSKI, FRANK</li> <li>3)ROTHAMMER, TANJA</li> <li>4)SCHNEIDER, ANNELIESE</li> </ul>
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(57) Abstract :

Pharmaceutical composition comprising a chemotherapeutic agent and a TGF-beta antisense oligonucleotide, wherein the antisense oligonucleotide reduces the sensitivity and IC50, respectively, of the cytotoxicity of the chemotherapeutic agent. Preferably, the antisense oligonucleotide is a TGF-beta 1, 2, and/or 3 antisense oligonucleotide and the chemotherapeutic agent is preferably gemcitabine, 5-fluorouracil, temozolomide, dacarbacine, docetaxel, cisplatin, oxaliplatin, tamoxifen, or irinotecan.

No. of Pages : 83 No. of Claims : 12

		(21) Application No.998/DELNP/2012 A	
(19) INDIA			
(22) Date of filing of Application :03/02/2	012	(43) Publication Date : 10/04/2015	
(54) Title of the invention : DEBONDING AND TRANSFER TECHNIQUES FOR HETERO-EPITAXIALLY GROWN GRAPHENE, AND PRODUCTS INCLUDING 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 Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C30B 29/02 :12/461,347 :07/08/2009 :U.S.A. :PCT/US2010/002056 :22/07/2010 :WO 2011/016836 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GUARDIAN INDUSTRIES CORP. Address of Applicant :2300 HARMON ROAD, AUBURN HILLS, M1 48326-1714, UNITED STATES OF AMERICA</li> <li>(72)Name of Inventor :</li> <li>1)VEERASAMY, VIJAYEN, S.</li> </ul>	

## (57) Abstract :

Certain example embodiments of this invention relate to the use of graphene as a transparent conductive coating (TCC). In certain example embodiments, graphene thin films grown on large areas hetero-epitaxially, e.g., on a catalyst thin film, from a hydrocarbon gas (such as, for example, C2H2, CH4, or the like). The graphene thin films of certain example embodiments may be doped or undoped. In certain example embodiments, graphene thin films, once formed, may be lifted off of their carrier substrates and transferred to receiving substrates, e.g., for inclusion in an intermediate or final product. Graphene grown, lifted, and transferred in this way may exhibit low sheet resistances (e.g., less than 150 ohms/square and lower when doped) and high transmission values (e.g., at least in the visible and infrared spectra).

No. of Pages : 43 No. of Claims : 21

(19) INDIA

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

(43) Publication Date : 10/04/2015

(51) International classification	:A61H 1/00	(71)Name of Applicant :
(31) Priority Document No	:61/226,591	1)NEKTAR THERAPEUTICS
(32) Priority Date	:17/07/2009	Address of Applicant :455 MISSION BAY BOULEVARD
(33) Name of priority country	:U.S.A.	SOUTH, SUITE 100 SAN FRANCISCO, CALIFORNIA 94158,
(86) International Application No	:PCT/US2010/042473	U.S.A.
Filing Date	:19/07/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/009133	1)GORDON, BENJAMIN MORRIS
(61) Patent of Addition to Application	:NA	2)GARDNER, STEVEN DAVID
Number	:NA :NA	3)HAYES, MATTHEW JAMES
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (54) Title of the invention : SYSTEMS AND METHODS FOR DRIVING SEALED NEBULIZERS

(57) Abstract :

Various methods, devices, and systems are described for aerosolizing a liquid. Embodiments may include sealing the liquid within a reservoir. An output waveform signal may be generated. A nebulizer element may be vibrated to aerosolize the liquid. A negative pressure may be produced within the reservoir as the liquid is aerosolized. The output waveform signal may cause the nebulizer element to vibrate. Embodiments may involve determining a phase shift between a current of the output waveform signal and a voltage of the output waveform signal. Also, embodiments may involve adjusting a frequency of the output waveform signal at least partially based on the phase shift. Further, embodiments may involve adjusting the voltage of the output waveform signal at least partially based on the frequency of the output waveform signal.

No. of Pages : 33 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

(51) International classification	:A61B 17/72	(71)Name of Applicant :
(31) Priority Document No	:61/242,093	1)SYNTHES GMBH
(32) Priority Date	:14/09/2009	Address of Applicant : EIMATTSTRASSE 3, CH-4436
(33) Name of priority country	:U.S.A.	OBERDORF, SWITZERLAND
(86) International Application No	:PCT/US2010/045598	(72)Name of Inventor :
Filing Date	:16/08/2010	1)KONRAD SCHALLER
(87) International Publication No	:WO 2011/031416	2)ALFRED NIEDERBERGER
(61) Patent of Addition to Application	:NA	3)JOHANN FIERLBECK
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alextra et :		

#### (54) Title of the invention : HUMERAL HEAD FIXATON DEVICE FOR OSTEOPOROTIC BONE

(57) Abstract :

A device includes an elongated body configured to be coupled to a bone stabilization implant so that, when the bone stabilization implant is mounted to a target bone, the body extends away from the bone stabilization implant at an angle selected so that the elongated body passes into a target portion of bone. The body defines a lumen therein extending to an opening in a distal end of the body. The device also includes a deploying member housed within the lumen of body for movement between a first position and a second position. In addition, the device includes a plurality of wires coupled to the deploying member so that movement of the deploying member through the lumen moves the wires between an insertion position and a deployed position in which the distal ends of the wires penetrate a portion of bone adjacent to the distal end of the body.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : PROCESS FOR THE PREPARATION OF POLYPROPYLENE WITH LOW ASH 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> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:C08F10/06,C08F2/00,C08F110/06 :12157103.8 :27/02/2012 :EPO :PCT/EP2013/053590 :22/02/2013 :WO 2013/127707 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BOREALIS AG <ul> <li>Address of Applicant :IZD Tower Wagramerstrae 17 19 A</li> </ul> </li> <li>1220 Vienna Austria <ul> <li>(72)Name of Inventor :</li> <li>1)NEISSL Wolfgang</li> <li>2)GLOGER Dietrich</li> <li>3)SANDHOLZER Martina</li> <li>4)POTTER Gregory</li> <li>5)HORILL Thomas</li> </ul> </li> </ul>
Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Process for the preparation of a polypropylene in a sequential polymerization process comprising at least three reactors connected in series wherein the polymerization takes place in the presence of a Ziegler Natta catalyst said Ziegler Natta catalyst comprises a pro catalyst comprising a compound of a transition metal (TM) a compound of a metal which metal is selected from one of the groups 1 to 3 of the periodic table (IUPAC) and an internal electron donor a co catalyst (Co) and an external donor (ED) wherein further the mol ratio of co catalyst (Co) to external donor (ED) [Co/ED] is in the range of above 12 to below 25 and the mol ratio of co catalyst (Co) to transition metal (TM) [Co/TM] is in the range of above 100 to below 200.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(19) INDIA

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

(43) Publication Date : 10/04/2015

(54) Title of the invention : TRIBOLOGY COMBINED WITH CORROSION RESISTANCE: A NEW FAMILY OF PVD-AND PACVD COATINGS

(51) International classification	:C23C 14/06	(71)Name of Applicant :
(31) Priority Document No	:61/232,137	1)OERLIKON TRADING AG, TRUBBACH
(32) Priority Date	:07/08/2009	Address of Applicant :HAUPSTRASSE 1A, 9477
(33) Name of priority country	:U.S.A.	TRUBBACH, SWITZERLAND
(86) International Application No	:PCT/CH2010/000192	(72)Name of Inventor :
Filing Date	:04/08/2010	1)ASTRID GIES
(87) International Publication No	:WO 2011/014974	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

The present invention relates to a coating system on a substrate with improved protection against wear as well as corrosion. According to the invention the substrate is coated with a diamond like carbon (DLC) layer. This DLC layer is coated an additional layer with material different from the DLC coating material, thereby closing the pin holes of the DLC layer.

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

(19) INDIA

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

(43) Publication Date : 10/04/2015

(51) International classification	:F25B 27/00	(71)Name of Applicant :
(31) Priority Document No	:0903858	1)MOBILE COMFORT HOLDING
(32) Priority Date	:04/08/2009	Address of Applicant :26, CHEMIN DES GRANDES
(33) Name of priority country	:France	TERRES, F-01700 NEYRON, (FR) France
(86) International Application No	:PCT/FR2010/000564	(72)Name of Inventor :
Filing Date	:04/08/2010	1)MOREAU, CHRISTIAN
(87) International Publication No	:WO 2011/015731	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (54) Title of the invention : MODULAR MULTI-ENERGY THERMODYNAMIC DEVICE

(57) Abstract :

The invention relates to a system (1) for simultaneously producing very hot water at a temperature T2, hot water (14) at a temperature T1, and/or cold water (13) at a temperature T3, and electricity (20), and optionally, producing a refrigerant at an evaporation temperature T4, and/or producing a refrigerant at an evaporation temperature T5, and including at least one current-generating unit that includes a combustion engine (2) connected to an alternator (18) or to a fuel cell, and said system (1) also including at least one heat pump (3), or a refrigeration unit and optionally an electrical battery (19), said system (1) being characterized in that (a) the compressor (17) or the circulation pump is driven by an electric motor, which may be powered by one of said current generators, and in that (b) said system (1) includes at least one module Pc referred to as a heat pump module (36) or at least one module Pr referred to as a refrigeration module or at least one so-called mixed heat pump and refrigeration module Pm, and in that said generator unit is inside a generator module (G), each of said modules (GIPc, Pa, Pr, Pm) being provided with a frame and a unit forming an assembly interface that are produced such that said modules (GIPc, Pa, Pr, Pm) can be assembled together, one after the other, to form a single unit.

No. of Pages : 102 No. of Claims : 16

		(21) Application No.952/DELNP/2012 A
(19) INDIA		(10) D 11' D 10/04/2015
(22) Date of filing of Application :02/02/2	2012	(43) Publication Date : 10/04/2015
(54) Title of the invention : METHODS A EMPLOYING A COAXIAL SCREW GE		OR VERTEBRAL BODY DISTRACTION AND FUSION ISM
<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>	:A61F 2/44 :61/271,548 :22/07/2009 :U.S.A. :PCT/US2010/042915 :22/07/2010 :WO 2011/011609 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>SPINEX TEC, LLC</li> <li>Address of Applicant :2280 SENTINEL CIRCLE, GERING,</li> </ol> </li> <li>NE 69341, U.S.A. U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>OMAR F. JIMENEZ</li> <li>NICHOLAS RANSOM POWLEY</li> </ol> </li> <li>3)ANDREW G. FISCHER</li> <li>YEFIM I. SAFRIS</li> </ul>

#### (57) Abstract :

Improved methods and apparatuses for vertebral body distraction and fusion in accordance with various embodiments of the present invention employ one or more coaxial screw gear sleeve mechanisms. In various embodiments, coaxial screw gear sleeve mechanisms include a post with a threaded exterior surface and a corresponding sleeve configured to surround the post, the corresponding sleeve having a threaded interior surface configured to interface with the threaded exterior surface of the post and a geared exterior surface. A drive mechanism can be configured to interface with the geared exterior surface of the sleeve, causing the device to distract.

No. of Pages : 53 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 10/04/2015

(51) International classification	:A61M 11/00	(71)Name of Applicant :
(31) Priority Document No	:61/226,567	1)NEKTAR THERAPEUTICS
(32) Priority Date	:17/07/2009	Address of Applicant :455 MISSION BAY BOULEVARD
(33) Name of priority country	:U.S.A.	SOUTH, SUITE 100 SAN FRANCISCO, CALIFORNIA 94158,
(86) International Application No	:PCT/US2010/042471	U.S.A. U.S.A.
Filing Date	:19/07/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/009131	1)BLAKEY, DAVID MARK
(61) Patent of Addition to Application	:NA	2)DAY, RICHARD FRANCIS
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ale stars at a		1

## (54) Title of the invention : NEGATIVELY BIASED SEALED NEBULIZERS SYSTEMS AND METHODS

(57) Abstract :

Methods, systems, and devices are described for creating a negative bias pressure within a liquid reservoir. Embodiments may include providing a liquid reservoir coupled with an aerosol generator. The liquid reservoir may be sealed to create the sealed reservoir. An ambient pressure may be maintained while the liquid reservoir is being sealed and the ambient pressure may be maintained in the sealed liquid reservoir until a portion of the liquid is dispensed. Further, embodiments may include vibrating the aperture plate to dispense the portion of the liquid. The portion of the liquid dispensed may decreases the amount of the liquid in the sealed reservoir. By decreasing the amount of liquid in the sealed reservoir, a negative bias pressure between an air side and a liquid side of the aperture plate may be created.

No. of Pages : 38 No. of Claims : 27

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

(54) Title of the invention : POLYURETHANE COMPOSITION FOR CMP PADS AND METHOD OF 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C08G 18/10 :12/537,862 :07/08/2009 :U.S.A. :PCT/US2010/042281 :16/07/2010 :WO 2011/016971 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)PRAXAIR S. T. TECHNOLOGY, INC. Address of Applicant :441 SACKETT POINT ROAD, NORTH HAVEN, CONNECTICUT 06473, U.S.A. U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)YONG ZHANG</li> <li>2)DAVID HUANG</li> <li>3)LU SUN</li> </ul>
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(57) Abstract :

Polyurethane composition based on a certain polyether and polyester prepolymer reaction mixture, wherein the composition is utilized in manufacturing chemical mechanical polishing/planarizing (CMP) pads. The CMP pads have low rebound and can dissipate irregular energy as well as stabilize polishing to yield improved uniformity and less dishing of the substrate.

No. of Pages : 33 No. of Claims : 23

(19) INDIA

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

(43) Publication Date : 10/04/2015

<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>	:C07C 2/58 :PCT/CN2009/000884 :06/08/2009 :China :PCT/EP2010/061447 :05/08/2010 :WO 2011/015639 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SHELL INTERNATIONALE RESEARCH</li> <li>MAATSCHAPPIJ B.V. Address of Applicant :CAREL VAN BYLANDTLAAN 30, NL-2596 HR, THE HAGUE, THE NETHERLANDS</li> <li>(72)Name of Inventor :</li> <li>1)LIU ZHICHANG</li> <li>2)XU CHUNMING</li> <li>3)ZHANG RUI</li> <li>4)MENG XIANGHAL</li> <li>5)PATRONI ANA CECILIA</li> <li>6)KLUSENER PETER ANTON AUGUST</li> <li>7)VAN DEN BOSCH ALBERTUS VINCENTIUS PETRUS</li> </ul>
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#### (54) Title of the invention : PROCESS FOR PREPARING AN ALKYLATE

(57) Abstract :

The present invention provides process for preparing an alkylate comprising contacting in a reaction zone a hydrocarbon mixture comprising at least an isoparaffin and an olefin with an acidic ionic liquid catalyst under alkylation conditions to obtain an alkylate-comprising effluent, in which process: - solids are formed in the reaction zone; - a solids-comprising effluent comprising hydrocarbons and acidic ionic liquid is withdrawn from the reaction zone; and - at least . part of the solids-comprising effluent is treated to remove at least part of the solids to obtain a solids-depleted effluent. The invention further provides a process for treating an acidic ionic liquid comprising at least 0.1wt% of solids based on the total weight of the acidic ionic liquid, wherein at least part of the solids are removed.

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

(21) Application No.972/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 10/04/2015

(51) International classification	:C07C 41/22	(71)Name of Applicant :
(31) Priority Document No	:09167529.8	1)SOLVAY FLUOR GMBH
(32) Priority Date	:10/08/2009	Address of Applicant :HANS-BOCKLER-ALLEE 20,30173
(33) Name of priority country	:EPO	HANNOVER, GERMANY
(86) International Application No	:PCT/EP2010/061645	(72)Name of Inventor :
Filing Date	:10/08/2010	1)BRAUN, MAX
(87) International Publication No	:WO 2011/018466	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (54) Title of the invention : PROCESS FOR THE MANUFACTURE OF SEVOFLURANCE

(57) Abstract :

A process for the manufacture of Sevoflurane CF3-CH(OCH2F)-CF3 which comprises (a) manufacturing a substituted malonic acid derivative of formula (I) or (II): R1OOC-CH(OCH2X)-COOR2 (I) or R3HNOC-CH (OCH2X)-CONHR4 (II) wherein X is OH or a leaving group which can be substituted by nucleophilic substitution and R1, R2 R3, R4 equal to or different from each other, are independently selected from H, an alkyl group having from 1 to 10 carbon atoms which is optionally substituted by at least one halogen atom, an aralkyl group or an aryl group, (b) further reacting said malonic acid derivative as intermediate for the manufacture of Sevoflurane CF3-CH(OCH2F)-CF3

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

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

#### (51) International classification :A23D 9/007 (71)Name of Applicant : (31) Priority Document No 1)THE NISSHIN OILLIO GROUP, LTD. :2009-195620 (32) Priority Date Address of Applicant :23-1, SHINKAWA 1-CHOME, CHUO-:26/08/2009 (33) Name of priority country KU, TOKYO 104-8285, JAPAN :Japan (86) International Application No :PCT/JP2010/064324 (72)Name of Inventor : Filing Date :25/08/2010 1)NODA, RYUUJI (87) International Publication No :WO 2011/024827 2)SANO, JUNYA (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : OIL OR FAT COMPOSITION FOR AIDING INGESTION FOR PERSONS HAVING DIFFICULTY SWALLOWING AND CHEWING AND FOOD FOR PERSONS HAVING DIFFICULTY SWALLOWING AND CHEWING

#### (57) Abstract :

The present invention relates to an oil or fat composition for aiding ingestion for persons having difficulty swallowing and chewing that is obtained by rapid cooling and kneading a composition that has an SFC value of 3% to 18% over a temperature range of 5°C to 25°C and contains oil, an oil or fat composition for aiding ingestion for persons having difficulty swallowing and chewing in a container, comprising filling the oil or fat composition for aiding ingestion for persons having difficulty swallowing and chewing into a flexible container, a food for persons having difficulty swallowing and chewing and chewing ingestion for persons having difficulty swallowing and chewing ingestion for persons having difficulty swallowing and chewing and chewing and chewing ingestion for persons having difficulty swallowing and chewing and chewing, comprising the oil or fat composition for aiding ingestion for persons having difficulty swallowing and chewing and chewing ingestion for persons having difficulty swallowing and chewing and chewing comprising mixing an oil or fat composition for aiding ingestion for persons having difficulty swallowing and chewing, obtained by rapid cooling and kneading a composition having an SFC value of 3% to 18% over a temperature range of 5°C to 25°C and containing oil, with finely cut pieces or crushed particles of an ingestible food. According to the present invention, an oil or fat composition for aiding ingestion for persons having difficulty swallowing and chewing ingestion for persons having difficulty swallowing and chewing ingestion for persons having difficulty swallow and chewing of a food the present invention, an oil or fat composition for aiding ingestion for persons having difficulty swallowing and chewing ingested by persons having difficulty swallowing and chewing of the present invention that makes it possible to easily produce a food that can be easily ingested by persons having difficulty swallowing and chewing that uses that composition, can be provided.

No. of Pages : 70 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : LIGHT EMITTING DIODE DISPLAY WITH TILTED PEAK EMISSION PATTERN

(51) International classification	:G09F 9/302	(71)Name of Applicant :
(31) Priority Document No	:12/498,277	1)CREE HUIZHOU OPTO LIMITED
(32) Priority Date	:06/07/2009	Address of Applicant :TCL INDUSTRIAL AREA, NO. 21,
(33) Name of priority country	:U.S.A.	JIANGBEI YUNSHAN EAST ROAD, HUIZHOU,
(86) International Application No	:PCT/CN2010/001009	GUANGDONG 516003, CHINA
Filing Date	:06/07/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/003277	1)CHI KEUNG CHAN
(61) Patent of Addition to Application	:NA	2)YUE KWONG LAU
Number	:NA	3)ZHIKUAN ZHANG
Filing Date	.INA	4)XINGTAO YAN
(62) Divisional to Application Number	:NA	5)HAO LIU
Filing Date	:NA	6)XIANG FEI
		•

#### (57) Abstract :

LED packages and LED displays utilizing the LED packages are disclosed where the peak emission of the LED display can be tilted or shifted to customize its peak emission to the mounting height or location of the LED display. One embodiment of an LED display comprises a plurality of LED package where the peak emission from at least some of the LED packages is tilted off the package centerline. The LED packages are mounted within the display in such a way as to generate an image having a peak emission that is tilted off the perpendicular emission direction of the display.

No. of Pages : 49 No. of Claims : 16

(21) Application No.1210/MUM/2013 A

(19) INDIA (22) Date of filing of Application :28/03/2013

(43) Publication Date : 10/04/2015

#### :H02K1/12, (71)Name of Applicant : **1)CROMPTON GREAVES LIMITED** H02K1/22, (51) International classification Address of Applicant :CG HOUSE, DR ANNIE BESANT H02K17/16. H02K3/28 ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA, INDIA (72)Name of Inventor : (31) Priority Document No :NA **1)CHOUDHURY CHHAVI** (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

#### (54) Title of the invention : SQUIRREL CAGE AC INDUCTION MOTOR

(57) Abstract :

The motor (1) comprises a cylindrical rotor (2) rotatably disposed within a stator (3). The rotor comprises a rotor body (6) having a plurality of electrical grade steel laminations (6) press formed together and mounted on a shaft (7) with end plates (8) pressed against the end of the rotor body. The end plates each comprises a plurality of spaced apart upwardly directed straight teeth (9) at the outer circumference thereof. The rotor further comprises a plurality of longitudinal conductor slots (14) extending axially along the inner circumference of the rotor body in radially spaced apart relationship with one another and a plurality of rotor conductors (15) extending through the conductor slots in the rotor body and protruding out from the ends of the rotor. A pair of short circuiting rings (16), each ring is disposed at each end of the rotor body. Each ring has a plurality of slits (17) transversely extending through the circumference thereof matching with the protruding ends of the rotor conductors and each ring is engaged to the respective protruding ends of the rotor conductors through the slits and short circuited to the respective protruding ends of the rotor conductors. The rotor conductors and short circuiting rings are made of aluminium and the short circuiting rings are short circuited to the respective protruding ends of the rotor conductors by metal inert gas welding with aluminium as the weld material

No. of Pages : 21 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 10/04/2015

(54) Title of the invention : EXPANDABLE FORMING TOOL		
(51) International classification		(71)Name of Applicant :
<ul><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:NA :NA :NA	1)L&T MHI TURBINE GENERATORS PVT. LTD. Address of Applicant :Hazira Manufacturing Complex Gate No. 8, Hazira West, Surat Hazira Road, Hazira, P.O. Bhatha, Dist.
<ul><li>(85) Name of phonty country</li><li>(86) International Application No Filing Date</li></ul>	:NA :NA :NA	Surat 394510 Gujarat, India (72) <b>Name of Inventor :</b>
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number</li></ul>	: NA : NA :NA	1)AGRAWAL, Rohit
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

A forming tool including a plurality of elements comprising a main body with a front section having a plurality of slots fabricated therein, a rear section having a shank capable of being retained by a tool holder of the machine, a taper pin axially arranged in the main body and is connected transversely to a worm shaft, a plurality of locking members; and an insert having a tapered leading end and a trailing end. The forming tool is an expandable type wherein the width of the insert is adjustable.

No. of Pages : 19 No. of Claims : 16

#### (19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : SYSTEM AND METHOD FOR POWER EFFECTIVE PARTICIPATORY SENSING

<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>	:G06F15/18, H04W4/02 :NA :NA :NA :NA :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</li> <li>(72)Name of Inventor :</li> <li>1)BANERJEE, Rohan</li> <li>2)SINHA, Aniruddha</li> <li>3)SAHA, Arindam</li> </ul>
<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	

#### (57) Abstract :

Disclosed is a method and system enabling power effective participatory sensing. The hand held device of the system is equipped with plurality of sensors, and is configured to enable the power effective sensor to monitor operation of the power intensive sensors. In one embodiment, a participatory sensing approach is used for traffic condition. A methodology for triggering power hungry sensors (audio) with the help of low power sensors (accelerometer) is presented which is able to reduce the overall power consumption of the mobile device. Further, a decision tree based approach is used to classify the level of congestion by measuring the horn density in a particular location.

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

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : NOVEL COMPOSITION CONTAINING LYSINE (333MG) AND VITAMIN

(51) International classification	:A61K 31/197, A61K 31/375	
(31) Priority Document No	:NA	India
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)BOBBA VENKATA SIVAKUMAR
(86) International Application No	:NA	2)ALOK PRAMOD TRIPATHI
Filing Date	:NA	3)SHANKAR DADASAHEB POL
(87) 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 novel pharmaceutical composition containing lysine or its pharmaceutically acceptable salts in an amount equivalent to 333 mg of lysine and vitamin for oral and topical administration, wherein the composition provides an extended release of vitamin.

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

(19) INDIA(22) Date of filing of Application :28/03/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : A CASCADED H-BRIDGE MULTILEVEL INVERTER

<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>	H02M7/49 :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)CROMPTON GREAVES LIMITED <ul> <li>Address of Applicant :CG HOUSE, DR ANNIE BESANT</li> <li>ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA, INDIA</li> <li>(72)Name of Inventor :</li> <li>1)HASSAN HAFIZ IMTIAZ</li> <li>2)SAHA RAJA</li> <li>3)CHAUDHARY MUKESHKUMAR</li> <li>4)WACHASUNDAR SHRIPAD</li> <li>5)VAIDYA TUSHAR</li> <li>6)PAWAT CHANDAN SINCH</li> </ul> </li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	6)RAWAT CHANDAN SINGH
<ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:NA : NA :NA :NA :NA	2)SAHA RAJA 3)CHAUDHARY MUKESHKUMAR 4)WACHASUNDAR SHRIPAD 5)VAIDYA TUSHAR

(57) Abstract :

A cascaded H-bridge multilevel inverter comprising: a plurality of groups of power cells, each power cell comprising a three phase diode rectifier; a direct current bus capacitor; a single phase inverter; and a bypass switch on output side of the power cell; wherein said power cells of each group are connected in series by bypass switches of respective power cell; and a pre-charging circuit for charging said direct current bus capacitors of each power cell; wherein said pre-charging circuit comprises a power source connected to the bypass switches on output side of the power cells through a commonresistor; a plurality of switches, each connected to each group of power cells; and a microcontroller based control circuitry configured to control the switching sequence of the plurality of switches: wherein during a charging operation of the direct current bus capacitors of the power cells, an electric connection between the power source and bypass switches of the power cells is established by the switches thereby charging direct current capacitor one after another.

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

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 10/04/2015

(54) Title of the invention : CLUTCH ASSISTANCE MECHANISM		
<ul> <li>(54) The of the invention CEDTCH ASSISTAN</li> <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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>		(71)Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI - 400 001, MAHARASHTRA, INDIA (72)Name of Inventor : 1)ASHISH DUBEY

(57) Abstract :

The present disclosure relates to a mechanical clutch actuation system of a vehicle. The system comprises a support bracket, a pedal arm, wherein an upper end of said pedal arm is pivotally mounted to said support bracket, and a lower end of the pedal arm is provided with a pedal pad. Further a pedal assistance mechanism is connected in between the support bracket and the pedal arm to assist the system during clutch disengagement. The pedal assistance mechanism comprises: a stay rod pivotally connected in between the support bracket and the pedal arm. A first resilient member provisioned in between a first plate and a second plate of the stay rod, and a second resilient member provisioned at predetermined location of the system.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 10/04/2015

(54) Title of the invention : AN APPARATUS FOR PREPARING HAEMODIALYSIS CONCENTRATES IN HAEMODIALYSIS DEPARTMENTS

<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>	:A61M1/14, A61M1/16 :NA :NA :NA :NA :NA : NA : NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ATLANTIC BIOMEDICAL PVT. LTD. Address of Applicant :101, BUSINESS POINT 349, WESTERN EXPRESS HIGHWAY, ANDHERI (EAST), MUMBAI - 400 069, MAHARASHTRA, INDIA</li> <li>(72)Name of Inventor :</li> <li>1)RAVI H. VAZIRANI</li> </ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

Present invention provides an apparatus for preparing Haemodialysis Concentrates comprising mixing unit for mixing Haemodialysis Concentrate in powder form and water to prepare Haemodialysis Concentrates; first sensing unit for sensing pH and conductivity of the Haemodialysis Concentrates; second sensing unit for sensing the level of the water or the Haemodialysis Concentrates in the mixing unit; pump and valve assembly in fluid communication with the mixing unit, the pump and valve assembly adapted for the purpose of water filling, mixing, rinsing and draining of the water or the Haemodialysis Concentrates; and control unit operationally connected to the mixing unit, first sensing unit, second sensing unit and pump and valve assembly. The control unit being configured for: controlling preparation of the Haemodialysis Concentrates in the mixing unit, comparing pH and conductivity of the Haemodialysis Concentrates with predetermined values, controlling water level inside the mixing unit using output of the second sensing unit, controlling automatic cleaning of the mixing unit, and controlling the pump and valve assembly as per the activity of water filling, mixing, rinsing and draining of the water or the Haemodialysis Concentrates.

No. of Pages : 13 No. of Claims : 5

(19) INDIA

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

(43) Publication Date : 10/04/2015

### (54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF FLUVOXAMINE MALEATE

(51) International classification	:C07C249/12,C07C251/58	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ZCL CHEMICALS LTD.
(32) Priority Date	:NA	Address of Applicant :'A' - 806/807, 215 ATRIUM
(33) Name of priority country	:NA	CHAKALA, ANDHERI (EAST), MUMBAI-400 059,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)AGARWAL NAND LAL
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)PATEL TRUSHAR DAHYABHAI 3)LORIYA PINTU BALUBHAI
(62) Divisional to Application Number	:NA :NA	
Filing Date	.1NA	

(57) Abstract :

The present invention relates to an industrially feasible and economically viable process for the preparation of fluvoxamine maleate of formula I.

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

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

(43) Publication Date : 10/04/2015

# (54) Title of the invention : NOVEL PROCESS FOR THE SYNTHESIS OF APREPITANT AND FOSAPREPITANT AND PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF

(51) International classification	:C07F9/6558	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PANACEA BIOTEC LIMITED
(32) Priority Date	:NA	Address of Applicant : PANACEA BIOTEC LTD., PLOT NO.
(33) Name of priority country	:NA	GEN - 72/3, TTC INDUSTRIAL AREA, OPP. MILLENNIUM
(86) International Application No	:NA	BUSINESS PARK GATE NO 2, MAHAPE NAVI MUMBAI
Filing Date	:NA	400710, MAHARASHTRA, INDIA
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)JAIN, RAJESH
Filing Date	:NA	2)SIRIPRAGADA, MAHENDER RAO
(62) Divisional to Application Number	:NA	3)R. JAGADEESHWARA RAO
Filing Date	:NA	

(57) Abstract :

The present invention is related to a novel process of synthesis of 5-[[(2R,3S)-2-[(lR)-l-[3,5-bis(trifluoromethyl)phenyl]ethoxy]-3-(4-fluorophenyl)-4-morpholinyi]methyl]-l,2dihydro-3H-l,2,4-triazol-3-one . (Aprepitant) and 3-{[(2R53S)-2-[(lR)-l-[3,5-bis(trifluoromethyl)phenyl] ethoxy]-3-(4-fluorophenyl)morpholin-4-yl]methyl} -5-oxo-2H-1,2,4-triazol-1 -yl]phosphonic acid (Fosaprepitant) and pharmaceutically acceptable salts thereof.

No. of Pages : 26 No. of Claims : 9

#### (19) INDIA

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

(43) Publication Date : 10/04/2015

(57) Abstract :

The present invention provides an expandable vertical garden system comprising a frame; drip irrigation pipe(s); drainage pipe(s); drain tray; and optionally pots or plant containers. The frame of the expandable vertical garden comprises: [i] holes (1) for inserting screws which get drilled into the support wall/framework; [ii] cavity (2) wherein pots can be snapped in and snapped out; [iii] support snubs (3) in each cavity for the pots to get good anchorage; [iv] small holes (4) above each cavity, wherein the clip to hold horizontal irrigation pipe can be fixed in; [v] a large hole (5) at the bottom of the frame for inserting the drain tray (7); [vi] a cavity on rear side of each frame wherein the drainage pipe (6) can be fixed.

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

#### (19) INDIA

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

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : DEVELOPMENT OF AUTOMATED SURVEYING SYSTEM USING GPS

<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>	:H04B7/15, G01S19/11 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)G.H.R. Labs and Research Centre <ul> <li>Address of Applicant :345, Shradha House, Kingsway,</li> </ul> </li> <li>Nagpur, Maharashtra-440001 Maharashtra India <ul> <li>2)G.H.RAISONI COLLEGE OF ENGINEERING</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)Vinit Biplow Sharma</li> <li>2)Mr. Subhajit Dey</li> <li>3)Mr. Sumit Kumar Singh</li> <li>4)Mr. Pratik Rajendra Bhure</li> <li>5)Ms. Minnie Jose</li> <li>6)Mr. Sanket Suresh Sanghai</li> <li>7)Dr.B.V.Khode</li> </ul> </li> </ul>
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#### (57) Abstract :

Present invention provides use of GPS for the purpose of surveying. GPS Satellites provide longitude, latitude, and elevation of a point on earth via a GPS receiver. We will mount a GPS receiver on a rover, which will follow a defined path on the site and will take GPS readings. Latitude, longitude data will be used to form survey grid and elevation will generate topography. The rover will transmit the data wirelessly to a ground station, where the data will be directly fed to REVIT ARCHITECTURE CAD software through an API (Application process interface). Now we will directly get 3D Toposurface of site area. The invention is described by way of example with reference to the following drawings where figure 1 showing A survey rover mounted with GPS receiver, figure 2 showing A receiver antenna at the base station, figure 3 showing A grid system with coordinates.

No. of Pages : 11 No. of Claims : 6

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

(43) Publication Date : 10/04/2015

# (54) Title of the invention : MIND CONTROLLED APPLICATION USING ELECTRONIC CIRCUITS ESPECIALLY FOR WHEELCHAIR

(51) International classification	:G09G 5/00, B60K 1/00	<ul> <li>(71)Name of Applicant :</li> <li>1)G.H.RAISONI COLLEGE OF ENGINEERING Address of Applicant :CRPF Gate No. 3,Digdoh Hills,Hingna Road,Nagpur Maharashtra-440016 Maharashtra India</li> </ul>
(31) Priority Document No	:NA	2)G.H.R. Labs and Research Centre
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)Chinmay Sanjay Chepurwar
(86) International Application No	:NA	2)Sourabh Sunil Borkar
Filing Date	:NA	3)Kashmira Vijay Kolte
(87) International Publication No	: NA	4)Alhad Vilas Peshwe
(61) Patent of Addition to Application Number	:NA	5)Anjali Anil Khonde
Filing Date	:NA	6)Karishma Pawan Chawla
(62) Divisional to Application Number	:NA	7)Dr. Amol Y Deshmukh
Filing Date	:NA	8)Prof. Shubhangi D Giripunje

(57) Abstract :

The project intends to develop Mind controlled Application (Wheelchair). The main objective behind developing such application is to serve the society by helping the differently abled people. This is because EEG signals have lot many potential applications that are still behind the scenes. So if these EEG signals are interpreted in smarter ways then it will be very useful for developing improved applications. By processing these signals, some of the applications are detection of neurological oddities and Mind controlled wheelchair. Following invention is described in detail with the help of Figure 1 of Sheet 1 showing schematic view of working of invention.

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

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : RESOLVING NON-PROGRESSION IN STATE 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> </ul>	H03K23/76 :NA :NA :NA :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, Maharashtra 400021 Maharashtra India</li> <li>(72)Name of Inventor :</li> <li>1)DATAR, Advaita</li> <li>2)R, Venkatesh</li> <li>3)SRIVASTAVA, Pragati</li> </ul>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

Method and system for resolving non progression of state machines are described. The method comprises identifying a plurality of state machines, where each of the plurality of state machines includes a state variable. The method further comprises ascertaining a plurality of communicating state machines from the plurality of state machines based on communicating machines determining technique. Further, the method comprises determining at least one set of communicating state machines from among the plurality of communicating state machines, where the at least one set of communicating state machines at least two state machines comprises at least two state machines communicating with each other. Further, each state machine in the at least one set of communicating state machines is analysed based on a plurality of input signals received by the state machine.

No. of Pages : 32 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 10/04/2015

(54) Title of the invention : DATA SYNCHRONIZATION			
(31) Priority Document No:N(32) Priority Date:N(33) Name of priority country:N(33) Name of priority country:N(86) International Application No:NFiling Date:N(87) International Publication No: N(61) Patent of Addition to Application Number:NFiling Date:N(62) Divisional to Application Number:N	G06F17/00(71)Name of Applicant : NA 		

(57) Abstract :

The present subject matter discloses a method for application data synchronization through a communication network. The method includes receiving application data from at least one user device, formatting the application data based on at least one formatting parameter to generate a data file, where the formatting parameter is indicative of a format of the data file, and transmitting the data file to at least one target syncing device through protocols based on Push Email Synchronization.

No. of Pages : 28 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : MANAGING AN APPLICATION ON A COMPUTING SYSTEM

	:G06F15/16,	(71)Name of Applicant :
(51) International classification	G06F17/30,	1)TATA CONSULTANCY SERVICES LIMITED
	G06F9/06	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(31) Priority Document No	:NA	Point, Mumbai, Maharashtra 400021 Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)PATIL, Mr. Sudhakar R.
(86) International Application No	:NA	2)IDNANI, Mr. AJAY
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 :

Systems and methods for managing an application on a computing system (102) are described herein. According to the present subject matter, the system(s) implement the described method(s) for this purpose, where the method(s) include monitoring a user-defined criteria by a managing module (114) for the application. Further, the method includes generating a trigger when a user-defined time-point corresponding to the user-defined criteria is determined. The method also includes performing a user-defined action by the managing module (114) on the application, in response to the trigger generated in accordance with the user-defined criteria. The user-defined includes at least one of an action of deleting the application, an action of moving the application to a location out of the computing system (102), and an action of de-emphasizing the application.

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

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : A WATER PURIFICATION COMPOSITION :C02F1/72, (71)Name of Applicant : (51) International classification C02F1/50 1)TATA CHEMICALS LIMITED Address of Applicant : BOMBAY HOUSE, 24 HOMI MODI (31) Priority Document No :NA (32) Priority Date STREET, MUMBAI, INDIA Maharashtra India :NA (33) Name of priority country (72)Name of Inventor : :NA (86) International Application No **1)RAUTARAY, DEBABRATA** :NA Filing Date :NA 2)KUMAR PARIDA, PRABHAT (87) International Publication No : NA 3)LOLAGE, MAYURA (61) Patent of Addition to Application Number :NA 4)ANGAL, ASHWINI Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A water purification composition and a method of preparing the same are disclosed. The water purification composition comprising porous granules of rice husk ash-silver nanoparticles-chitosan matrix, obtained by adding rice husk ash bonded to silver nanoparticles or rice husk ash and silver nanoparticles to a chitosan gel, the chitosan gel formed by dissolving chitosan in an aqueous solution of an organic acid, such that the ratio of chitosan to rice husk ash is in a range of 3:100 to 15:100 weight by weight wherein the porous granules are obtained in a range of 0.15 mm to 1 mm.

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

#### (19) INDIA

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

(43) Publication Date : 10/04/2015

(54) Title of the invention : CLOSE CYCLE PRILLIN	IG TOWER	
(51) International classification	:F26B 21/02, F26B 5/02	(71)Name of Applicant : 1)TRANSPARENT TECHNOLOGIES PRIVATE LIMITED Address of Applicant :PUSHPA HEIGHTS, 1ST FLOOR,
(31) Priority Document No	:NA	BIBWEWADI CORNER, PUNE-SATARA ROAD, PUNE- 411
(32) Priority Date	:NA	037 MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)ATRE, ASHOK DATTATRAYA
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The invention relates to a Close cycle Prilling tower consists of prilling chamber (1) having fluid bed (2) at the bottom. An air circulation blower (3) through Air cooler (4), connected to an inlet for cooling air in prilling chamber through the said fluid bed for air circulation through fluid bed (2), Prilling tower chamber (1) and cyclone separator (5) at air outlet of prilling tower. The said air out let of the prilling chamber passing through the perforated plate located at top of cooling chamber. A multiple spray nozzles provided at top of the said cooling chamber for spraying hot liquid in such a way that the Sprayed liquid and cooling air flow in counter current direction so as to cool hot liquid droplets in contact with jet of cold air are cooled and solidify when comes and fall down on fluidised bed (2) at the bottom of chamber. The fine particle outlet of said cyclone is connected to the said cooling chamber at bottom. A control means for air velocity \r\ cooling chamber (1) to be maintained in such a way that all particles below desired particle size are carried to cyclone (5) while particles above desired size fall in fluid Bed (2). A hot liquid tank holding the liquid to be sprayed (10) located on top of cooling chamber. A feed tank (13) on ground level, as a hold up tank. provided with pump means to pump Liquid constantly to hot liquid tank using pump (14) and an over flow pipe means for returning the liquid to the said feed tank to maintain a constant level in the said hot liquid tank. A discharge weir pipe with rotary valve provided in the fluid bed for collecting the cooled powder of particles above desired size, fell in fluid bed.

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

(19) INDIA

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

(43) Publication Date : 10/04/2015

## (54) Title of the invention : PROCESS FOR THE PURIFICATION OF NORETHINDRONE AND NORETHINDRONE ACETATE

(51) International classification	C07J	(71)Name of Applicant : 1)LUPIN LIMITED
<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	41/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	Address of Applicant :159 CST ROAD, KALINA, SANTACRUZ (EAST), MUMBAI-400 098, STATE OF MAHARASHTRA, INDIA (72)Name of Inventor : 1)AGARKAR, AMIT, MADANRAO 2)GODBOLE, HIMANSHU, MADHAV 3)SINGH, GIRIJ, PAL

#### (57) Abstract :

The present invention provides a process for the purification of norethindrone (I) from mixture of dimethyl formamide-water. The present invention further provides two processes for the purification of norethindrone acetate (II) from mixture of dichloromethane-n-heptane (Process A) and from mixture of methanol-water (Process B).

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

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

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : A PROCESS FOR THE PRODUCTION OF CONJUGATED DIENES

(51) International classification (31) Priority Document No	:C08F4/54, C08F36/04 :NA	· · · · · · · · · · · · · · · · · · ·
(32) Priority Date	:NA	MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)JASRA RAKSH VIR
Filing Date	:NA	2)SRIVASTAVA VIVEK KUMAR
(87) International Publication No	: NA	3)GHOSH RAJSHEKHAR
(61) Patent of Addition to Application Number	:NA	4)BASAK GANESH CHANDRA
Filing Date	:NA	5)TEMBE GOPAL LAXMAN
(62) Divisional to Application Number	:NA	6)MAITI MADHUCHHANDA
Filing Date	:NA	7)PILLAI MUTHUKUMARU SUBRAMANIA
-		8)PAL NITIN

(57) Abstract :

The present disclosure provides a process for preparing 1,3-butadiene; said process comprises dehydrogenating a feed containing at least one C4 hydrocarbon in the presence of at least one pincer ligated iridium catalyst and at least one hydrogen acceptor in a non-reactive medium at a temperature in the range of 100oC to 250oC to obtain a first stream containing a mixture of at least one butene, 1,3-butadiene and unreacted C4 hydrocarbon; separating 1,3-butadiene from said stream to obtain a second stream containing a mixture of at least one butene and unreacted C4 hydrocarbon; and oxidative dehydrogenating said second stream in the presence of at least one dehydrogenating agent and at least one catalyst to obtain 1,3-butadiene.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 10/04/2015

### (54) Title of the invention : A PROCESS FOR SYNTHESIS OF 2-BROMO-4-METHYL PHENOL

(51) International classification	:C07C 215/52, C07C 39/367	<ul> <li>(71)Name of Applicant :</li> <li>1)GHARDA CHEMICALS LTD Address of Applicant :B-27/29, MIDC, DOMBIVLI (E), THANE-421203, MAHARASHTRA, INDIA</li> </ul>
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)MATHUR SUCHET S.
(33) Name of priority country	:NA	2)SATHE SHEKHAR V.
(86) International Application No	:NA	3)PARKAR SURESHKUMAR D.
Filing Date	:NA	4)DAMANIA PRAGNESH D.
(87) International Publication No	: NA	5)PATIL SURESH R.
(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 disclosure relates to a process for the synthesis of 2-bromo-4-methyl phenol. The process comprises brominating 4-methyl phenol in the absence of light in a solvent using a brominating agent at a temperature ranging from 200C to 400C.

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

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 10/04/2015

(54) Title of the invention : A MULTIPURPOSE SPEED SENSOR			
<ul> <li>(54) File of the invention . A MOLTIFORFOSE (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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)MAHINDRA TWO WHEELERS LIMITED Address of Applicant :D1 BLOCK, PLOT NO. 18/2 (PART), MIDC, CHINCHWAD, PUNE - 411 019 MAHARASHTRA, INDIA.</li> <li>(72)Name of Inventor :</li> <li>1)MALAGI SANTOSH</li> </ul>	

(57) Abstract :

A speed sensor for vehicles is disclosed. The speed sensor receives analog speed signal through an input shaft and provides analog speed signal to an analog speedometer via an output shaft. The speed sensor includes a sensor element connected to a digital output terminal for providing digital wheel speed data. The speed sensor also includes a Radio Frequency (RF) circuit for transmitting wirelessly, the digital wheel speed data to electronic modules requiring the data.

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

#### (19) INDIA

(22) Date of filing of Application :28/03/2013

#### (43) Publication Date : 10/04/2015

# (54) Title of the invention : DAMAGE LIMITATION

(51) International classification	:H02M1/36, B60W40/09, B60W40/12, G08B7/	1)CONTROL TECHNIQUES LTD
(31) Priority Document No	:NA	U.K.
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)HART SIMON DAVID
(86) International Application No	:NA	2)WEBSTER ANTHONY JOHN
Filing Date	:NA	3)GANDU KONDALA RAO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A damage limitation method for use with a device having a rectifier circuit and a soft-start circuit coupled to an input of the rectifier circuit, the soft-start circuit having: a resistive element for passing current between a source and the rectifier circuit, and a switch operable to allow current passing between the source and the rectifier circuit to bypass the resistive element, the method comprising the steps of detecting a voltage at an output of the rectifier circuit; determining that the detected voltage is indicative of a fault; and responsive to determining that the detected voltage is indicative of a fault, controlling the switch of the soft-start circuit.

No. of Pages : 22 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : DEVICES AND METHODS FOR COOLING COMPONENTS ON A PCB

L <b>TD</b> OL TECHNIQUES LTD, THE POWYS SY16 3BE UK. BERT

(57) Abstract :

There is described an electronic assembly comprising a structure and a printed circuit board (PCB) connected to. the structure to form a duct. The PCB has a first side arranged to receive one or more heat-generating components, and a second side. The PCB comprises one or more apertures formed therein. The electronic assembly further comprises airflow generating means arranged to generate an airflow along the duct and along the second side of the PCB such that air is forced through the one or more apertures. By forming a duct beneath a PCB and allowing air to be forced through apertures formed in the PCB, more efficient cooling of components on the PCB may be achieved. For example, the position of the apertures may be tailored such that specific components, or specific parts of components, may be exposed to airflow through the apertures.

No. of Pages : 31 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(19) INDIA

(22) Date of filing of Application :01/04/2013

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : FRP CRICKET BAT

	:A63B 59/08.	(71)Name of Applicant : 1)MR. MAHENDRA RAGHUNATH LONARE
(51) International classification	A63B	Address of Applicant :KASHELI PADA, OPP. THANE
	59/00	OCTZOI NAKA, GAYMUKH, GHODBUNDER ROAD,
(31) Priority Document No	:NA	THANE (W)., MAHARASHTRA India
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)MR. MAHENDRA RAGHUNATH LONARE
(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 :

FRP bat is most useful for playing cricket. It does not absorb liquid. Even if soaked in water the weight of bat is as it is. Water does not affects the bat therefore it is rust less and insect proof. Handle and balling portion of bat are moulded together and they are therefore jointless. FRP material is hard material so when the strikes the bat it bounces back with speed and good stroke. Weight: weight of is most important part of the bat. i.e. for soft ball the weight of bat is 1000 grams and the weight for hard ball is 1250 grams. By using layers we can control the weight of bats.

No. of Pages : 11 No. of Claims : 4

#### (19) INDIA

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

(43) Publication Date : 10/04/2015

(54) Title of the invention : FEATURE MODEL BASED TESTING			
(51) International classification		(71)Name of Applicant :	
(31) International elassification	G06F9/44	1)TATA CONSULTANCY SERVICES LIMITED	
(31) Priority Document No	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman	
(32) Priority Date	:NA	Point, Mumbai, Maharashtra 400021 Maharashtra India	
(33) Name of priority country	:NA	(72)Name of Inventor :	
(86) International Application No	:NA	1)PATEL, Sachin	
Filing Date	:NA	2)GUPTA, Priya	
(87) International Publication No	: NA	3)SHAH, Vipul Arvind	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

The present subject matter discloses a method for performing software testing based on Multiple Perspective Feature model (MPFM). The method includes generating a Feature Model (FM) associated with the Software Product Line, where the FM includes a plurality of features. Further, separation of concerns (SoC) is achieved in the FM based on identifying at least one source of variation with a common cause of variation. Furthermore, the common cause of variation was determined as a perspective of the FM to generate a Multiple Perspective Feature Model (MPFM), where each perspective from amongst a plurality of perspectives of the MPFM includes at least one feature from amongst the plurality of features. Further, the method includes identification of test cases based on the plurality of perspectives and the plurality of features of the MPFM, where the plurality of perspectives are parameters and the plurality of features are values

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

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 10/04/2015

(54) Title of the invention : COATING APPARAT	TUS	
<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>		<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</li> <li>(72)Name of Inventor :</li> <li>1)MAPARU, Auhin Kumar</li> <li>2)RAI, Beena</li> </ul>

(57) Abstract :

Disclosed is a method for producing a coated substrate using a compact, easy to handle and automated coating apparatus 10 that can prepare coated composite in a single batch process, with sufficient control over each portion of the coating apparatus 10. The coating apparatus 10 comprises of the coating unit 20, the drying unit 30 and the pressing unit 40 sequentially arranged in a single line to produce the coated substrate.

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

### (22) Date of filing of Application :01/04/2013

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : BLOWER MOTOR HOLDER

	·1102K0/06	(71)Nome of Applicant .
(51) International classification	H02J 1/00,	(71)Name of Applicant : 1)BEHR INDIA LIMITED
	H02K5/20	Address of Applicant :GATE NO.626/1/2 & 622/1/0, 29TH
(31) Priority Document No	:NA	MILESTONE, PUNE-NASIK HIGHWAY, VILLAGE KURULI,
(32) Priority Date	:NA	TAL. KHED, PUNE - 410501, MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)GARIKIPATI PARTHASARATHI
Filing Date	:NA	2)BANDE ROHIT DATTATRAYA
(87) International Publication No	: NA	3)KANOGE PIYUSH BALKRISHNA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A holder for a blower motor includes a top element, a bottom element and an end cover. The top and bottom elements cooperate to define an enclosure; means to mount the blower motor within the enclosure. An outlet duct is attached to the enclosure. An inlet duct leads into the enclosure for introducing cold air to the enclosure and a plurality of air passages are defined within the enclosure cooperating with the inlet duct to split cold air introduced through the inlet duct into the passages before being led out of the enclosure via the outlet duct.

No. of Pages : 15 No. of Claims : 7

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 10/04/2015

(54) Title of the invention : MULTIMODAL BIOMETRIC VERIFICATION SYSTEM USING PALM FEATURES IN VISISBLE AND IR DOMAIN

<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>	:G06K9/62, G06K9/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)COLLEGE OF ENGINEEERING, PUNE (COEP) Address of Applicant :WELLESLY ROAD, SHIVAJI NAGAR, PUNE - 411005, MAHARASHTRA, INDIA</li> <li>(72)Name of Inventor :</li> <li>1)JOSHI MADHURI ARUNKUMAR</li> <li>2)SAPKAL ASHOK MADHUSUDAN</li> </ul>
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#### (57) Abstract :

A verification system for verifying the identity of a user is disclosed. The verification system includes a light source which emits light of a pre-determined wavelength, an image capture apparatus to capture image of a hand of said user illuminated by the emitted light and a controller in communication with the image capture apparatus and a repository. The controller controls the properties of the image capturing apparatus to facilitate capturing of the image, wherein the properties include contrast ratio, brightness ratio and gain values. The system further comprises an extractor to extract palm print features and hand geometry features from the image and compare the extracted palm print features and the determined hand geometry features with reference values stored in the repository to identify a user.

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

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :30/03/2013

#### (43) Publication Date : 10/04/2015

# (54) Title of the invention : METHOD FOR TRANSFORMING WASTE LIGNOCELLULOSIC BIOMASS TO WATER SOLUBLE SACCHARIDES

<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>	:C07C59/08, C07C51/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GHARDA, KEKI HORMUSJI Address of Applicant :48 Hill Road, Bandra (West), Mumbai 400 050, Maharashtra, India</li> <li>(72)Name of Inventor :</li> <li>1)GHARDA, KEKI HORMUSJI</li> </ul>
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#### (57) Abstract :

A process for extracting lignocellulosic biomass comprises subjecting the lignocellulosic biomass to steam explosion and depressurizing reactor content to atmospheric pressure to obtain aqueous part and steam exploded solids. The steam explosion solids are subjected to water extraction to obtain water extracted liquor and water extracted cellulose solids and subjecting water extracted cellulose solids to alkali extraction to produce delignified cellulose. The delignified cellulose after neutralization is subjected to high pressure hydrolysis process by subjecting the delignified cellulose to high pressure steam through a pressure reactor at preselected pressure, temperature and time and depressurizing the pressure reactor content comprising hydrolyzed delignified cellulose into one or more stages to atmospheric pressure to flash off steam and to produce a solution comprising monosaccharide and decomposition products of monosaccharide.

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

#### (19) INDIA

(22) Date of filing of Application :28/03/2013

#### (54) Title of the invention : A PROCESS FOR PREPARING A KEY INTERMEDIATE OF REGADENOSON

<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>	:C07H19/167 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)WOCKHARDT LIMITED</li> <li>Address of Applicant :D-4, MIDC Area, Chikalthana,</li> <li>Aurangabad Maharashtra India</li> <li>(72)Name of Inventor :</li> </ul>
Filing Date	:NA :NA	1)Didgikar, Mahesh
(87) International Publication No	: NA	2)Farooqui, Ismail
(61) Patent of Addition to Application Number	:NA	3)Naithani, Pankaj Kumar
Filing Date	:NA	4)Merwade, Arvind Yekanathsa
(62) Divisional to Application Number	:NA	5)Deo, Keshav
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for the preparation Key intermediate of regadenoson, the compound of formula II. Formula II

No. of Pages : 11 No. of Claims : 8

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 10/04/2015

## (54) Title of the invention : A NOZZLE ADAPTED FOR IMPROVED AMMONIA LIQUOR SPRAY FOR UNIFORM COOLING OF HOT RAW GASES IN A RECOVERY TYPE OF COKE OVEN BATTERY.

(51) International classification	:F23N 5/18, F23G 7/00	<ul> <li>(71)Name of Applicant :</li> <li>1)STEEL AUTHORITY OF INDIA LIMITED Address of Applicant :BHILAI STEEL PLANT, BHILAI- 490001, STATE OF CHATTISGARH, INDIA</li> </ul>
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)KUMAWAT SUMEET
(33) Name of priority country	:NA	2)SHARMA RAJESH KUMAR
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a nozzle for improved ammonia liquor spray involving a selectively configured bent tube with selectively disposed holes for optimized cooling of hot raw gases in a recovery type of coke oven battery. More particularly, said spray nozzle consisting of a single 120-deg round bend piece with external thread at one end to fit into the block, and internal thread at other end to fix the bottom plug which is installed within the gooseneck. The nozzle is having selectively disposed holes generating fine jets at different angles, creating a sort of mist when the jet struck the body favouring increased contact of liquor with the hot gases, as well as increased wetting of gooseneck continuous flushing of the tar in valve box thus enabling leakage free and jamming free operation of the system and uniform cooling of the hot gases eliminating undesired thermal stresses of the equipments and structures.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 10/04/2015

### (54) Title of the invention : METAL BELLOW TRACKER FOR MECHANICAL SEALS FOR DOUBLE SEAL PRESSURIZATION.

(51) International classification	3/06, F16J	<ul> <li>(71)Name of Applicant :</li> <li>1)PANDEY NEERAJ</li> <li>Address of Applicant :B-4/5, UTKARSH NAGAR,</li> <li>HADAPSAR, PUNE - 411028 Maharashtra India</li> </ul>
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)PANDEY NEERAJ
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The American Petroleum Institute has suggested four auxiliary plans (API PLAN 53 A, PLAN 53 B, PLAN 53 C and PLAN 54) for pressurized double Mechanical Seals. Plan 54 is used when pumping ring of PLAN 53 does not give desired flow to remove the face heat Instrumentation requirement is more in PLAN 54; also the reliability of the Plan 54 depends on functioning of the external pump which circulates the barrier fluid. In view of above PLAN 53 becomes preferred Plan over PLAN 54. PLAN 53 is having some deficiencies. Present invention overcomes the deficiencies of API Plan 53.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(21) Application No.1523/MUM/2013 A

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

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : SYSTEM AND METHOD FOR MONITORING PERFORMANCE OF A CHILLER 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> </ul>	49/00 :NA :NA :NA :NA :NA : NA	1)BLUE STAR LIMITED Address of Applicant :KASTURI BUILDINGS, MOHAN T. ADVANI CHOWK, JAMSHETJI TATA ROAD, MUMBAI - 400 020, MAHARASHTRA, INDIA. (72)Name of Inventor : 1)SANDEEP D. PASARKAR 2)SHEETAL M. KULKARNI
<ul> <li>(67) International Fublication F(67)</li> <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	

#### (57) Abstract :

A system and method for monitoring performance of a chiller unit is provided. The system includes two temperature sensors, a differential pressure sensor, a load sensor, a controller and a display unit. The method for monitoring performance of the chiller unit includes the step of measuring temperature difference between inlet fluid and outlet fluid of an evaporator of the refrigeration system using temperature sensors, measuring differential pressure of the fluid flowing through the chiller unit using a differential pressure meter, detecting power consumption of the refrigeration system, calculating performance parameter based upon the measured temperature, flow rate and power consumption by a controller unit; and displaying the determined performance parameter on a display device, wherein the performance parameter is displayed depending upon a predetermined temperature set point thereby providing performance of the chiller system.

No. of Pages : 13 No. of Claims : 5

### (19) INDIA

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

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : PROCESS FOR PREPARATION OF ANAGLIPTIN

(51) International classification:C07D 233/58, C07D(71)Name of Applicant : 1)INTAS PHARMACEUTICALS LIMITED Address of Applicant :INTAS PHARMACEUTICALS LIMITED, 2ND FLOOR, CHINUBHAI CENTRE, ASHRAM(31) Priority Document No (32) Priority Date:NAROAD, AHMEDABAD 380009, GUJARAT, INDIA(33) Name of priority country:NA(72)Name of Inventor : 1)DR. SANJAY JAGDISH DESAI(86) International Application No Filing Date:NA3)MR. KEVAL RAMESHKUMAR SONDAGAR(87) International Publication No: NA4)MR. NILESHKUMAR AMRUTLAL SADARIA(61) Patent of Addition to Application Number:NA5)MR. KISHOR CHHABILDAS CHAVAN
(31) Priority Document No:NAROAD, AHMEDABAD 380009, GUJARAT, INDIA(32) Priority Date:NA(72)Name of Inventor :(33) Name of priority country:NA1)DR. SANJAY JAGDISH DESAI(86) International Application No:NA2)DR. BRIJESH DINKARRAI DESAIFiling Date:NA3)MR. KEVAL RAMESHKUMAR SONDAGAR(87) International Publication No: NA4)MR. NILESHKUMAR AMRUTLAL SADARIA
(32) Priority Date:NA(72)Name of Inventor :(33) Name of priority country:NA1)DR. SANJAY JAGDISH DESAI(86) International Application No:NA2)DR. BRIJESH DINKARRAI DESAIFiling Date:NA3)MR. KEVAL RAMESHKUMAR SONDAGAR(87) International Publication No: NA4)MR. NILESHKUMAR AMRUTLAL SADARIA
(86) International Application No:NA2)DR. BRIJESH DINKARRAI DESAIFiling Date:NA3)MR. KEVAL RAMESHKUMAR SONDAGAR(87) International Publication No: NA4)MR. NILESHKUMAR AMRUTLAL SADARIA
Filing Date:NA3)MR. KEVAL RAMESHKUMAR SONDAGAR(87) International Publication No: NA4)MR. NILESHKUMAR AMRUTLAL SADARIA
(87) International Publication No : NA 4)MR. NILESHKUMAR AMRUTLAL SADARIA
(61) Detent of Addition to Application Number :: NA 5)MD KISHOD CHHABII DAS CHAVAN
(01) Latent of Addition to Application Number
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(57) Abstract :

The present invention provides a novel process for preparation of anagliptin of formula I. The invention also provides polymorphs of anaglitpin of formula I and process for the preparation thereof.

No. of Pages : 26 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : A PROCESS FOR PREPARING A KEY IMPURITY OF LERCANIDIPINE AND NICARDIPINE

(51) International classification	:C07D211/90, A61K31/4422	
(31) Priority Document No	:NA	Address of Applicant :D-4, MIDC Area, Chikalthana,
(32) Priority Date	:NA	Aurangabad Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Deshmukh Rajendra Dagadu
Filing Date	:NA	2)Rallapalli Sivakumar
(87) International Publication No	: NA	3)Deo Keshav
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for the preparation a Key impurity of Lercanidipine and Nicardipine of formula II, which is pure: Formula II

No. of Pages : 11 No. of Claims : 8

(19) INDIA(22) Date of filing of Application :10/04/2013

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : A PROCESS FOR PREPARATION OF 1-(4-ISOTHIOCYANATOPHENOXY)-4-NITROBENZENE.

(51) International classification	:C07C 205/06, C07C 209/08	<ul> <li>(71)Name of Applicant :</li> <li>1)SEQUENT SCIENTIFIC LIMITED Address of Applicant :301, 'DOSTI PINNACLE', PLOT NO.E7, ROAD NO.22, 3RD FLOOR WAGLE INDUSTRIAL</li> </ul>
(31) Priority Document No	:NA	AREA, THANE(W)-400 604, INDIA Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)ARULMOLI, THANGAVEL
(86) International Application No	:NA	2)VERMA, SUDHAKAR
Filing Date	:NA	3)NAIK, GAJANAN
(87) International Publication No	: NA	4)DAS, GAUTAM KUMAR
(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 novel, cost-effective process for preparation of an anthelmintic drug. Specifically, it relates to a process for the preparation of l-(4-Isothiocyanatophenoxy)-4-nitrobenzene of formula I, commonly known as Nitroscanate.

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

(19) INDIA(22) Date of filing of Application :10/04/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : A PROCESS FOR PREPARATION OF 2-(6-CHLORO-9H-CARBAZOL-2-YL) PROPANOIC ACID.

(51) International classification	53/00, C07C 53/122	<ul> <li>(71)Name of Applicant :</li> <li>1)SEQUENT SCIENTIFIC LIMITED</li> <li>Address of Applicant :301, 'DOSTI PINNACLE', PLOT</li> <li>NO.E7, ROAD NO.22, 3RD FLOOR WAGLE INDUSTRIAL</li> <li>APEA THANE(W) 400 (04, DUDIA Mahamahtma India)</li> </ul>
(31) Priority Document No	:NA	AREA, THANE(W)-400 604, INDIA Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)ARULMOLI, THANGAVEL
(86) International Application No	:NA	2)PRASANNA, SATHYA
Filing Date	:NA	3)UDUPA, KOODLI VENKATRAMANA
(87) International Publication No	: NA	4)DAS, GAUTAM KUMAR
(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 novel process for the preparation of a non-steroidal anti-inflammatory drug, commonly known as carprofen of formula I.

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

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 10/04/2015

(54) Title of the invention : HUMAN RESOURCE HEALTH CHECK			
<ul> <li>(54) Title of the invention : HUMAN RESOURCE</li> <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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>		CK (71)Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai, Maharashtra 400021 Maharashtra India (72)Name of Inventor : 1)KUMAR, Pankaj 2)VERMA, Prachi	
Filing Date	:NA		

#### (57) Abstract :

Described herein, in accordance with one implementation of the subject matter is a system and method for Human Resource (HR) health check in an account of the organization. The system and method involve obtaining survey data in response to a survey questionnaire from at least one associate in the organization. The survey data includes a response to each of a plurality of questions in the survey questionnaire and a reasoning associated with the response. Based on the survey data, health scores for the account is computed and compared with threshold scores to evaluate a health status of the account.

No. of Pages : 35 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : IDENTITY BASED PUBLIC KEY CRYPTOSYSTEM

<ul> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>(87) International Publication No</li> <li>(87) International Publication No</li> <li>(87) International Publication Number</li> <li>(61) Patent of Addition to Application Number</li> <li>(62) Divisional to Application Number</li> <li>(83) Name of Inventor :</li> <li>(72) Name of Inventor :</li> <li>(72)</li></ul>	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	H04L9/32 :NA :NA :NA :NA :NA :NA :NA :NA	2)ADIGA, Barkur Suryanarayana 3)ALASINGARA BHATTACHAR, Rajan Mindigal 4)LOKAMATHE, Shivraj Vijayshankar
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#### (57) Abstract :

A method for generating cryptographic parameters comprises generating a private\_IGTABLE based on an Euler totient function of a composite number ( $\phi(n)$ ), where the private\_IGTABLE includes a plurality of random numbers (x). Further, a public\_IGTABLE based on the private\_IGTABLE, a composite number (n), and a group generator element (g) is generated, where the public\_IGTABLE includes a corresponding modular exponentiation under modulo n for each of the plurality of random numbers with g as base. Further, a public key of a user is computed based on the public\_IGTABLE, an identity number (ID) corresponding to the user, and n. Further, a secret key of the user is generated based on the ID, a master private key, the  $\phi(n)$ , and the private\_IGTABLE. Thereafter, the cryptographic parameters are provided to the user for performing encryption and decryption, where the cryptographic parameters include at least one of the ID, the public key, and the secret key.

No. of Pages : 34 No. of Claims : 18

(19) INDIA(22) Date of filing of Application :28/03/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : SECURING APPLICATIONS FOR COMPUTING DEVICES

(51) International classification	G06F21/00, H04L29/06,	<ul> <li>(71)Name of Applicant :</li> <li>1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :Nirmal Building, 9th Floor, Nariman</li> </ul>
	H04L9/	Point, Mumbai, Maharashtra 400021 Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)COLONEL, Rajmohan
(33) Name of priority country	:NA	2)RAMASWAMY, Satyanarayanan
(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 :

Systems and methods for securing hybrid applications for computing devices are described. According to the present subject matter, the system(s) implement the described method(s) for building and execution of secure hybrid applications. During build of the hybrid application, the disclosed method may incorporate identifying of at least one non-native file of the hybrid application, generating a primary Unique Identifier (UI) associated with the at least one non-native file, and storing the generated primary UI as a part of the hybrid application to form a secure hybrid application. During execution of the secure hybrid application the disclosed method may incorporate identifying of at least one non-native file, generating a secondary UI associated with the at least one non-native file, generating a secondary UI associated with the at least one non-native file, generating a secondary UI associated with the at least one non-native file, generating a secondary UI associated with the at least one non-native file, generating a secondary UI associated with the at least one non-native file, extracting primary UI stored in the secure hybrid application. The system/method may further implement determining whether the generated secondary UI is different from the extracted primary UI.

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

(19) INDIA(22) Date of filing of Application :28/03/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : APPARATUS FOR COUPLING CIRCUIT BOARDS

(51) International classification (31) Priority Document No	:F21S2/00, F21V17/00, F21V19/00, F21V23/ :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)CONTROL TECHNIQUES LTD Address of Applicant :CONTROL TECHNIQUES LTD, THE GRO POOL ROAD, NEWTOWN, POWYS, SY16 3BE, UK U.K. </li> </ul>
(31) Priority Document No (32) Priority Date	:NA :NA	(72)Name of Inventor :
<ul><li>(32) Finding Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:NA :NA	1)BUJADE DNYANESHWAR PRABHAKARRAO 2)GHODKE SARANG SHARAD
Filing Date	:NA	3)RAUT DILESH ARVIND
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

An apparatus for connecting two or more circuit boards, the apparatus comprising: a first circuit board comprising a first surface and a second surface, the second surface having a first conductive pad; a second circuit board comprising a third surface and a fourth surface, the third surface having a second conductive pad; a fixing means configured to engage with the first circuit board and the second circuit board to couple the first circuit board to the second circuit board, wherein, when coupled, the fixing means is electrically isolated from one of the first circuit board and the second circuit board; and an electrically conductive spacer configured to electrically couple the first conductive pad and the second conductive pad.

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

#### (19) INDIA

(22) Date of filing of Application :01/04/2013

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : WRENCH

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:B25B13/58, B25G1/06 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)EMERSON ELECTRIC CO.</li> <li>Address of Applicant :8000 WEST FLORISSANT AVENUE</li> <li>ST. LOUIS, MISSOURI 63136 USA U.S.A.</li> </ul>
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)KUNDRACIK RICHARD M.
Filing Date	:NA	2)BOAAS JASON J.
(87) International Publication No	: NA	3)PATIL PRASAD CHATURSINGH
(61) Patent of Addition to Application Number	:NA	4)CHARTIER GLEN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wrench having a collection of moveably positionable jaws which is pivotally affixed to a handle is described. The wrench can include the use of one or more regions of friction material located about an enclosed gripping region. The wrench finds particular application in drilling industries.

No. of Pages : 41 No. of Claims : 65

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : A SYNERGISTIC COMPOSITION FOR TREATING NEUROPATHY, NEPHROPATHY AND A PROCESS THEREOF

(51) International classification	:A61K 31/00, A61P 13/12	<ul> <li>(71)Name of Applicant :</li> <li>1)INDUS BIOTECH PRIVATE LIMITED Address of Applicant :1, Rahul Residency, Plot Nos. 6 &amp; 7, Off Salunke Vihar Road, Kondhwa, Pune 411 048, Maharashtra,</li> </ul>
(31) Priority Document No	:NA	India.
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)SUNIL BHASKARAN
(86) International Application No	:NA	2)MOHAN VISHWARAMAN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a composition comprising eleutheroside-C, pinitol and sugars optionally along with pharmaceutically acceptable excipient or a combination thereof; a process of obtaining said composition from fenugreek seeds, a method of treating neuropathic pain or managing neuropathy, and the use of the said composition in treating neuropathic pain or managing neuropathy.

No. of Pages : 45 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : FUEL TRANSFER SYSTEM OF A VEHICLE 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> <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>	:B60K15/03, B62J37/00, B67D7/38, B67D7/7 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>TATA MOTORS LIMITED</li> <li>Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY</li> </ol> </li> <li>STREET, HUTATMA CHOWK, MUMBAI 400 001,</li> <li>MAHARASHTRA, INDIA</li> <li>(72)Name of Inventor : <ol> <li>MAHINDRA PETALE</li> <li>NAGARKAR UNMESH</li> <li>ADATIYA YOGESH</li> <li>VAIBHAV VARPE</li> </ol> </li> </ul>
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#### (57) Abstract :

The present disclosure there is provides a vehicle fuel storage system. It comprises an auxiliary fuel tank fluidly connectable to a primary fuel tank of the vehicle, wherein the auxiliary fuel tank is configured to transfer fuel to the primary fuel tank using gravity. The system further comprises an arrangement for controlling fuel transfer from the auxiliary fuel tank to the primary fuel tank. The arrangement comprises a valve provisioned in a fluid flow line between the auxiliary fuel tank and the primary fuel tank to regulate fuel transfer from the auxiliary fuel tank to the primary fuel tank to the primary fuel tank. A control unit interfaced with the valve, to operate the valve based on signal received from a plurality of fuel level sensors, wherein at least one of the plurality fuel level sensors is provided in each of the auxiliary fuel tank and the primary fuel tank.

No. of Pages : 21 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : A PROCESS FOR THE PREPARATION OF AMBROXOL

<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>	C07C215/44 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)AMI LIFESCIENCES PVT. LTD. Address of Applicant :2ND FLOOR, PRESTIGE PLAZA, 40, URMI SOCIETY, URMI CHAR RASTA, PRODUCTIVITY ROAD, BARODA-390 020, GUJARAT, INDIA.</li> <li>(72)Name of Inventor :</li> </ul>
<ul> <li>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>	:NA : NA :NA :NA :NA	1)PATEL, KALPESH, RAVAJIBHAI 2)THAKRAR, VIRENDRA, HARIDASBHAI 3)DODIYA, DIPTI, KISHORBHAI 4)SOLANKI, SHARAD, KANABHAI 5)SHAH, KINCHIT, JITENDRAKUMAR
Filing Date	:NA	

(57) Abstract :

Disclosed herein is an improved and economic process for preparing Ambroxol and its hydrochloride salt with high yield and purity.

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

(21) Application No.1218/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 10/04/2015

### (54) Title of the invention : A SYSTEM AND METHOD TO PROVIDE PROGRAMMABLE DURATION WETTING CURRENT

<ul> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>(87) International Publication No</li> <li>(87) International Publication No</li> <li>(87) International Publication Number</li> <li>(61) Patent of Addition to Application Number</li> <li>(62) Divisional to Application Number</li> <li>(33) Name of priority country</li> <li>(34) Hutatma Chowk, Mumbal 400 001, Maharashtra, India</li> <li>(72)Name of Inventor:</li> <li>(72)N</li></ul>	<ul><li>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 :NA :NA :NA :NA	1)Vishwas Manohar Vaidya
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(57) Abstract :

Embodiments of the disclosure relates to method of providing a wetting current to one of a plurality of switches in an input interface circuit. The method comprises detecting closing of one of plurality of switches wherein the plurality of switches are connected to the input interface circuit to provide one of active high input and active low input. Also, the method comprises determining mode of operation of the input interface circuit based on the closed one of the plurality of switches. The mode of operation is one of the active high input and the active low input. Further, the method comprises providing a predefined voltage to the input interface circuit by a control unit for generating a wetting current and flow through the one of the plurality of switches for predefined time duration. The wetting current flow is based on the mode of operation of the input interface circuit.

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

(19) INDIA(22) Date of filing of Application :09/04/2013

(43) Publication Date : 10/04/2015

### (54) Title of the invention : NOVEL ORAL DRUG DELIVERY SYSTEM FOR THE TREATMENT OF ALLERGIC ASTHMA

(51) International classification	31/00,	<ul> <li>(71)Name of Applicant :</li> <li>1)VIVEKANAND EDUCATION SOCIETY'S COLLEGE</li> <li>OF PHARMACY Address of Applicant :HASHU ADVANI MEMORIAL</li> </ul>
(31) Priority Document No	:NA	COMPLEX, BEHIND COLLECTOR COLONY, CHEMBUR
(32) Priority Date	:NA	(E), MUMBAI - 400074, MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SHIDHAYE SUPRIYA, DR.
Filing Date	:NA	2)SURVE CHAITALI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The present invention relates to an orally disintegrating tablet comprising a therapeutically effective amount of methylxanthine derivative provided in a sustained release dosage form and a therapeutically effective amount of an antihistamine selected from second generation and third-generation histamine HI receptor antagonist in an immediate release form The invention also provides process of preparation of orally disintegrating tablet.

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

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 10/04/2015

(54) Title of the invention : SYSTEM AND METHOD FOR ANALYZING SOFTWARE APPLICATION IN VIEW OF ENTRY POINTS

<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>(2) Divisional to Application Number</li> </ul>	:NA :NA :NA :NA :NA :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</li> <li>(72)Name of Inventor :</li> <li>1)MAHAMUNI, Ravi Hanmant</li> <li>2)SRIVASTAVA, Pragati</li> <li>3)KUMAR, Shrawan</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a system and method for performing an analysis of a software application in a computing environment. A receiving module accepts source code of the software application as input data and obtains a list of the entry points. Intermediate representations from the input data are generated in order to construct informative structure for the software application. Uncalled functions in the software application are identified and are considered as entry points. The entry points are wrapped into one entry point and analyzed maintaining calling context of all the entry points.

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

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

#### (54) Title of the invention : INFORMATION TECHNOLOGY INFRASTRUCTURE SERVICES TRANSITION QUALITY MANAGEMENT

(51) International classification	:G06F 17/30, G06Q 10/00	,
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)OMONISHI, Ms. Toshiko
(33) Name of priority country	:NA	2)BEYLIN, Mr. Alex
(86) International Application No	:NA	3)LUKIBANOV, Dr. Oleg
Filing Date	:NA	4)CHELLAPPA, Mr. Bhaskar Kanthadai
(87) International Publication No	: NA	5)PARAMASIVAM, Mr. Saravanan
(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 information technology infrastructure services transition quality management are described. According to the present subject matter, the system(s) implements the described method(s) for information technology infrastructure services transition quality management. The method includes generating a transition quality kit for each of a plurality of technology teams based on one or more service quality parameters, where the transition quality kit includes actual team data of the corresponding technology teams, and where the one or more service quality parameters include customer preferences and program requirements. The method further includes ascertaining a team transition quality rating of each of the plurality of technology teams based on the corresponding transition quality kit and team target data corresponding to the each of the plurality of technology teams, where the team transition quality rating indicates a team status update of the corresponding technology teams.

No. of Pages : 34 No. of Claims : 8

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 10/04/2015

### (54) Title of the invention : PHARMACEUTICAL FORMULATION OF DABIGATRAN ETEXILE METHYL SULFONATE AND 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</li> </ul>	:A61K9/00, C07D401/12 :NA :NA :NA :NA	LIMITED Address of Applicant :1004, IRIS, KESAR GARDEN, SECTOR-20, KHARGHAR, NAVI MUMBAI - 410210, MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor :
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number</li></ul>	: NA :NA	1)SATHYANARAYANA VEMULA 2)MOUSUMI S. VEMULA
Filing Date	:NA :NA	3)ABDUL FAZIL
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to pharmaceutical composition comprising Dabigatranetexile methyl sulfonate pellets without talc and Organic acid pellets.

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

(19) INDIA

(22) Date of filing of Application :02/04/2013

#### (54) Title of the invention : GAS FLOW REGULATING CIRCUIT AND A COOKING UNIT HAVING THE SAME

(51) International classification	:F23Q 1/04, F23Q 9/00	<ul> <li>(71)Name of Applicant :</li> <li>1)PARLE PRODUCTS PVT. LTD.</li> <li>Address of Applicant :NORTH LEVEL CROSSING, VILE</li> <li>PARLE (EAST), MUMBAI-400057, MAHARASHTRA, INDIA</li> </ul>
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)CHAUHAN, VIJAY
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The present disclosure discloses a fuel fired cooking apparatus. The fuel fired cooking apparatus includes a cooking stove with at least one burner, at least one cooking utensil supported by the at least one burner cooks food disposed there-within, a fuel gas source stores fuel gas there-within and in an operative configuration supplies the fuel gas to the at least one burner, a primary fuel regulator connected in series with the fuel gas source and regulates uni-directional flow of the fuel gas from the fuel gas source to the at least one burner and a secondary fuel regulator connected in series with the primary fuel regulator. The secondary fuel regulator detects at least one parameter and there-upon controls the flow of the fuel gas flowing to the at least one burner.

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

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

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF SUBSTANTIALLY PURE IDARUBICIN HYDROCHLORIDE

(51) International classification:C07H15/25 C07H17/08(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAKa:NA </th <th><ul> <li>2, (71)Name of Applicant :</li> <li>1)Sterling Biotech Limited Address of Applicant :43, Atlanta Building, Nariman Point, Mumbai 400021, Maharashtra, India (72)Name of Inventor :</li> <li>1)VARDHAN, Anand</li> <li>2)RAWAT, Ajay Singh</li> <li>3)BUCHUDE, Vitthal</li> <li>4)JAMBU, Suresh Prabhudas</li> </ul></th>	<ul> <li>2, (71)Name of Applicant :</li> <li>1)Sterling Biotech Limited Address of Applicant :43, Atlanta Building, Nariman Point, Mumbai 400021, Maharashtra, India (72)Name of Inventor :</li> <li>1)VARDHAN, Anand</li> <li>2)RAWAT, Ajay Singh</li> <li>3)BUCHUDE, Vitthal</li> <li>4)JAMBU, Suresh Prabhudas</li> </ul>
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#### (57) Abstract :

The present invention relates to an improved scalable and economical process for the preparation of substantially pure Idarubicin hydrochloride, a useful anti-cancer chemotherapeutic drug. In particular, this invention relates to a process wherein Idarubicin hydrochloride is obtained in a substantially pure form and with reasonable yield.

No. of Pages : 23 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION(19) INDIA

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

#### (54) Title of the invention : MULTIFUNCTIONAL SYNTHETIC FIBERS AND FABRICS

(51) International classification	13/02, D06M	<ul> <li>(71)Name of Applicant :</li> <li>1)RELIANCE INDUSTRIES LIMITED Address of Applicant :3RD FLOOR, MAKER CHAMBER - IV 222, NARIMAN POINT, MUMBAI - 400021 </li> </ul>
(31) Priority Document No	:NA	MAHARASHTRA, INDIA.
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)THALIYIL VEEDU SREEKUMAR
(86) International Application No	:NA	2)KELKAR ANIL KRISHNA
Filing Date	:NA	3)JAIN ASHWN KUMAR
(87) International Publication No	: NA	4)UPASANI PRASAD SURESH
(61) Patent of Addition to Application Number	:NA	5)AGARWAL UDAY SHANKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A polymer composition comprising a polymer matrix selected from the group consisting of polyester, polypropylene and polyamide in an amount varying between 90 % and 98.625 % by weight; at least one metal oxide selected from the group consisting of ZnO, Ag2O, Fe2O3 and CuO in an amount varying between 0.125 % and 2.5 % by weight; and polyethylene glycol in an amount varying between 1.25 % to 7.5 % by weight, wherein each of said weight percentages are with respect to the total weight of the polymer composition, is disclosed in the present disclosure. The present disclosure further discloses synthetic fibers and fabrics composed of the present polymer composition.

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

### (19) INDIA

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

#### (43) Publication Date : 10/04/2015

(34) The of the invention . PACKAOINO MATERIAL	20	
(51) International classification	:B65D 65/38, B65D 85/00	<ul> <li>(71)Name of Applicant :</li> <li>1)RELIANCE INDUSTRIES LIMITED Address of Applicant :3RD FLOOR, MAKER CHAMBER - IV, 222, NARIMAN POINT, MUMBAI-400021,</li> </ul>
(31) Priority Document No	:NA	MAHARASHTRA, INDIA
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)VENKATAKRISHNAN VARADRAJAN
(86) International Application No	:NA	2)AGARWAL UDAY SHANKAR
Filing Date	:NA	3)AYODHYA SRINIVASACHARYA RAMACHARYA
(87) International Publication No	: NA	4)JADIMATH SHIVAMURTHY PADADAYYA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention · PACKAGING MATERIALS

#### (57) Abstract :

An oxygen scavenging composition is provided in the present disclosure comprising at least one polyester component which includes at least one residual component, in an amount ranging between 5 ppm and 200 ppm with respect to the total mass of the polyester component, at least one organic oxidizable polymeric component and at least one acidified activating agent selected from the group consisting of sulfonic acid (RSO3H) containing compounds, phosphonic acid containing compounds and anhydride containing compounds. The composition discloses in the present disclosure is particularly free of any additional catalyst and may be effectively used as a packaging material for oxygen sensitive substances.

No. of Pages : 33 No. of Claims : 38

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 10/04/2015

## (54) Title of the invention : LASER DIAGNOSTIC TECHNIQUE FOR MEASUREMENT OF DIRECTION, SIZE VELOCITY, ACCELERATION AND REFRACTIVE INDEX OF A PARTICLE

(51) International classification	<ul> <li>A ROAD, ATP. DAUND, DIST: PUNE, PIN 413801</li> <li>A MAHARASHTRA, INDIA</li> <li>A (72)Name of Inventor :</li> <li>A 1)PRASHANT P. BAKSHE</li> <li>A A</li> <li>A A</li> <li>A A</li> <li>A A</li> <li>A A</li> <li>A A</li> </ul>
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#### (57) Abstract :

Many industrial processes need the instrumentation for characterization of multiphase flows. However they lack in certain parameters like acceleration of particles. Present invention mentioned in this report deals with the procedure for extracting the information about particle parameters in terms of optical signals received on detectors (D1, D2, D3, D4] comprised of independent scattering orders received from a droplet (1] illuminated by Laser light beam shaped into thin sheet of 12-25 microns. Droplet gets illuminated when it moves through the optical measurement volume of beam waist [4) created by laser light sheet at the focal length created by beam shaping lenses (13]. This invention extract the information of droplet size, velocity, acceleration, direction of movement of opaque and non-opaque particles and the refractive index of non-opaque droplet particle. Single instrument is built using different optical configurations involving different methods and principles of optics to harness aforementioned information.

No. of Pages : 11 No. of Claims : 1

#### (19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : TWO CYLINDER BULLOCK DRIVEN RECIPROCATING PISTON PUMP

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:F04B33/00, F04B 35/00 :NA	(71) <b>Name of Applicant :</b> <b>1)DR. PRAKASH VERM</b> Address of Applicant :226, RAVINDRA NAGAR
(32) Priority Date	:NA	ADHARTAL, JABALPUR - 482004, MADHYA PRADESH,
(33) Name of priority country	:NA	INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. PRAKASH VERM
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The present invention provides a two cylinder bullock-driven reciprocating piston pump assembly comprising of two-cylinder barrel sub-assemblies, with piston valves and check valves which function in an order opposite to each other (staggered by 180 degrees); pulley housing and connecting water chamber subassembly; and bevel-gear sub-assembly, which is driven by the farm animal, preferably bullock. The present invention employs a mechanism where the piston assembly in two cylinders is pulled by steel wire ropes instead of connecting rods. The connecting rods in conventional pumps are subjected to pull and push, therefore may buckle when used in deep bore wells. Thus, by using steel wire ropes, the two-cylinder animal-driven reciprocating piston pump may be used for deep bore-wells, while reducing the cost of manufacturing. The present invention ensures continuous discharge of water, as the check valves and the piston valves in both the cylinders operate in dispositions opposite to each other.

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

(21) Application No.1345/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : HOLLOW ORNAMENTS & PROCESS FOR PRODUCING 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A44C 27/00, A44C13/00 :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)M/S SUNJEWELS INTERNATIONAL PVT. LTD. Address of Applicant :116 SDF-IV, SEEPZ, SEZ, ANDHERI (EAST), MUMBAI - 400 096, MAHARASHTRA, INDIA</li> <li>(72)Name of Inventor :</li> <li>1)MR. NEERAJ NEVATIA</li> </ul>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

Hollow ornaments in the form of closed links with ornamental and functional openings for producing rings, earrings, pendant bangles necklaces or bracelets and in the form of continuous array of closed links with functional and ornamental openings, which are joint free; and process for producing them

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

(19) INDIA(22) Date of filing of Application :10/04/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : A PROCESS FOR DIAZOTIZING 2-CHLORO-5-TRIFLUOROMETHYL ANILINE

<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>	:C07C 211/46, C09B 29/085 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GHARDA CHEMICALS LTD Address of Applicant :R&amp;D CENTER, B-27, MIDC PHASE I, DOMBIVLI (E), DIST. THANE - 421203, MAHARASHTRA, INDIA </li> <li>(72)Name of Inventor : <ul> <li>1)MATHUR SUCHET SARAN</li> <li>2)SANE VINAY</li> <li>3)MALWANKAR JAGDISH</li> <li>4)MHATRE HRIDAYNATH</li> <li>5)PEDHAVI VISHAL</li> <li>6)JAWALE DINESH</li> <li>7)PATIL MITESH</li> <li>8)BHOI RAHUL</li> <li>9)PATIL BHASKAR</li> </ul> </li> </ul>
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(57) Abstract :

Undesired regioisomer 2-chloro-5-trifluoromethylaniline is formed along with intermediate 2-chloro-4-trifluoromethylaniline in the ammonolysis of 3, 4-dichlorobenzotrifluoride during synthesis of the agrochemical Fipronil. Since this regioisomer is formed in significant amount, overall yield is low. This problem is overcome by conversion of 2-chloro-5-trifluoromethylaniline or a mixture containing 2-chloro-5-trifluoromethylaniline and 2-chloro-4-trifluoromethylaniline to starting material (3,4-dichlorobenzotrifluoride) via diazo salt. The process disclosed provides improved conversion and yield of diazotization and nucleophilic displacement reaction. Other advantage of this reaction is that it is economic and environment friendly.

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

(19) INDIA

(22) Date of filing of Application :12/04/2013

#### (54) Title of the invention : AN AUTO SHUT OFF DEVICE FOR A WATER FILTER

<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>	F16K5/06 :NA :NA :NA :NA :NA : NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TATA CHEMICALS LIMITED Address of Applicant :BOMBAY HOUSE, 24 HOMI MODI STREET, MUMBAI, INDIA </li> <li>(72)Name of Inventor : 1)DAVE, UJAS P. 2)SHAH, JIGNESH 3)SINGH, RAMESH </li> </ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)TIWARI, UMESH 5)PARMAR, PAUL
<ul><li>(62) Divisional to Application Number</li><li>Filing Date</li></ul>	:NA :NA :NA	5)FARMAR, FAUL

#### (57) Abstract :

An auto-shut off system for a water treatment device is disclosed. The auto-shut off system comprising a casing defining a top edge and a bottom edge; the casing including an inlet configured to receive a water inflow proximate the top edge and an outlet for the water outflow proximate the bottom edge, the casing defining a hollow passage for the uni-directional flow of water under gravity from the inlet to the outlet; a base configured to be received and retained within the casing, the base including a bottom surface and one or more sidewalls extending upward therefrom to define a hollow cavity and forming a rim disposed in contact with the casing, the base further defining an opening at or proximate the bottom surface, the opening in fluid communication with the outlet; at least one water soluble tablet positioned within the hollow cavity and configured to extend above the rim; the water soluble tablet sized smaller than the hollow cavity to define a clearance passage between itself and the base; the clearance in fluid communication with the opening on the base; the water soluble tablet configured to dissolve after contact with a pre-determined quantity of water; and a plunger supported over the water soluble tablet and sized smaller than the casing to define a side channel such that water from the inlet flows via the side-channel to pass through the opening and out of the outlet: the plunger further configured to descend downwards and engage the base on dissolution of the water soluble tablet and close the fluid communication between the inlet and the outlet. A water treatment device having such an auto shut off system is also disclosed.

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

(19) INDIA

(22) Date of filing of Application :28/03/2013

#### (54) Title of the invention : MONITORING SOLUTIONS FOR A COMPUTING-BASED INFRASTRUCTURE

#### (57) Abstract :

Systems and methods for generating and implementing monitoring solutions for a computing-based infrastructure are described. In one implementation, at least one monitoring objective is obtained, wherein the monitoring objectives are based on service related requirements associated with one or more computing systems within the computing-based infrastructure. Once the monitoring objectives are obtained, a plurality of monitoring elements are received, wherein the monitoring elements include attributes associated with the one or more systems. Based on the monitoring objectives and the monitoring elements, a monitoring solution is generated.

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

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : PERSONALIZED CONTENT RECOMMENDATION

<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>	:G06F17/30, H04W88/02 :NA :NA :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, Maharashtra 400021 Maharashtra India</li> <li>(72)Name of Inventor :</li> <li>1)DASGUPTA, Punyabrota</li> <li>2)GOYAL, Sanjeev Kumar</li> </ul>
(87) International Publication No	: NA	3)BHADADA, Kamal
(61) Patent of Addition to Application Number	:NA	4)CHAKRAVORTY, Surajit Ramranjan
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods for providing personalized content recommendation and content availability to a user are described. In one implementation, the described methods are implemented in the systems, where the method includes gathering content metadata based on user specific parameters, where the content metadata is content specific. The method also includes determining a primary content metadata from the gathered content metadata based and activity parameters. Further, the method includes rating the primary content metadata based on content rating parameter. Content availability information for the content associated with a secondary content metadata is also ascertained. The method moreover also includes providing the secondary content metadata with the content availability information to the user.

No. of Pages : 34 No. of Claims : 10

### (19) INDIA

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

#### (54) Title of the invention : DESIGN OF COST EFFECTIVE EEG SYSTEM

(51) International classification	:A61B5/04,	(71)Name of Applicant : 1)G.H.RAISONI COLLEGE OF ENGINEERING
(31) Priority Document No	A61B5/0476 :NA	Address of Applicant :CRPF Gate No. 3,Digdoh Hills,Hingna Road,Nagpur Maharashtra-440016 Maharashtra India
(32) Priority Date	:NA	2)G.H.R. Labs and Research Centre
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Chinmay Sanjay Chepurwar
Filing Date	:NA	2)Sourabh Sunil Borkar
(87) International Publication No	: NA	3)Kashmira Vijay Kolte
(61) Patent of Addition to Application Number	:NA	4)Alhad Vilas Peshwe
Filing Date	:NA	5)Anjali Anil Khonde
(62) Divisional to Application Number	:NA	6)Karishma Pawan Chawla
Filing Date	:NA	7)Dr. Amol Y Deshmukh
-		8)Prof. Shubhangi D Giripunje

### (57) Abstract :

The project intends to develop low cost EEG (Electroencephalogram) based system. The main objective behind developing such system is to popularize the use of EEG in various applications. Our project will surely contribute to the rural as well as urban medical society. This is because EEG has lot many potential applications that are still behind the scenes. This idea struck our mind after speculating that the cost of standard EEG machines are way too high and are not affordable. So we decided that low cost EEG will enhance its use. Apart from that if we can interpret EEG signals in smarter ways then sky will be the limit of its application. Treating these interpreted signals as standard signals, some of the applications are detection of neurological oddities, mind controlled wheelchairs for differently able persons .The main aim of our project is to detect thought pattern and develop mind controlled appliances. Following invention is described in detail with the help of Figure 1 of Sheet 1 showing schematic view of one of the preferred embodiment of the invention

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

(19) INDIA

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

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF SILODOSIN

		(71)Name of Applicant :
(51) International classification	:C07D209/08	1)ALEMBIC PHARMACEUTICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant : ALEMBIC CAMPUS, ALEMBIC
(32) Priority Date	:NA	ROAD, VADODARA 390 003, GUJARAT, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)PATIL, CHETAN
Filing Date	:NA	2)PAREKH, VIRAL
(87) International Publication No	: NA	3)PATEL, HIRALI
(61) Patent of Addition to Application Number	:NA	4)SHAH, HIRAL
Filing Date	:NA	5)LADANI, MAHESH
(62) Divisional to Application Number	:NA	6)THAKOR, INDRAJIT
Filing Date	:NA	7)PATEL, SAMIR
-		8)JAYARAMAN, VENKAT RAMAN

(57) Abstract :

The present invention relates to a novel process for the preparation of Silodosin.

No. of Pages : 25 No. of Claims : 8

#### (19) INDIA

(22) Date of filing of Application :07/04/2013

#### (43) Publication Date : 10/04/2015

	:C07C381/04.	(71)Name of Applicant :
(51) International classification	C07K1/02,	1)Ahmedabad Textile Industry <sup>TM</sup> s Research Association
	C07K1/06	(ATIRA)
(31) Priority Document No	:NA	Address of Applicant :Dr Vikram Sarabhai Marg, P O
(32) Priority Date	:NA	Ambawadi Vistar, Ahmadabad, India Gujarat India
(33) Name of priority country	:NA	2)MICROMOLE IONICS Pvt Ltd
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Sarika Singh
(87) International Publication No	: NA	2)J J Shroff
(61) Patent of Addition to Application Number	:NA	3)Mahammad Safikur Rahman
Filing Date	:NA	4)Anil Kumar Sharma
(62) Divisional to Application Number	:NA	5)Alpesh Shah
Filing Date	:NA	6)Lalit Shukla

#### (54) Title of the invention : TMCATIONIZING AGENTTMTM

(57) Abstract :

The present invention relates to textile and dyes. More particularly the invention relates an environmental friendly process for dyeing fiber/yarn/fabric. More particularly, the invention relates to the cationizing agent and its application in pre-dyeing treatments to cellulosic textiles. The said cationizing agent is endowed with water solubility and favourable stereo chemical conformation/configuration.

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

(19) INDIA

(22) Date of filing of Application :07/02/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : IMATINIB FORMULATIONS

<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> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:PCT/IN2012/000488 :11/07/2012 :WO 2013/008253 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DR. REDDYS LABORATORIES LIMITED Address of Applicant :8 2 337 Road No. 3 Banjara Hills Hyderabad Andhra Pradesh Hyderabad 500034 Maharashtra India</li> <li>(72)Name of Inventor :</li> <li>1)KONATHAM Suresh</li> <li>2)MALLADI Madhusudan</li> <li>3)VURE Prasad</li> <li>4)BISWAS Moumita</li> <li>5)BHISE Rahul</li> <li>6)KOTA Ramesh</li> </ul>
(62) Divisional to Application Number Filing Date	<sup>1</sup> :NA :NA	

(57) Abstract :

Aspects of the present application relate to pharmaceutical formulations comprising imatinib or its

salts isomers racemates enantiomers hydrates solvates metabolites and polymorphs and mixtures thereof. Further aspects relate to processes for preparing pharmaceutical formulations comprising imatinib or its salts together with at least one pharmaceutically acceptable excipient.

No. of Pages : 24 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :10/02/2014

(43) Publication Date : 10/04/2015

<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>	:H02H7/26 :11460043.0 :16/08/2011 :EPO :PCT/EP2012/003353 :06/08/2012 :WO 2013/023753 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ABB TECHNOLOGY AG Address of Applicant :Affolternstrasse 44 CH Zurich 8050 Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)BALCEREK Przemyslaw</li> <li>2)SAHA Murari</li> <li>3)ROSOLOWSKI Eugeniusz</li> <li>4)IZYKOWSKI Jan</li> </ul>
(61) Patent of Addition to Application		3)ROSOLOWSKI Eugeniusz
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (54) Title of the invention : A METHOD OF DISTANCE PROTECTION OF PARALLEL TRANSMISSION LINE

(57) Abstract :

The present invention is concerned with a method of distance protection of parallel transmission lines applicable both to series compensated and uncompensated electric power lines using a distance relay. The method is characterized in that a pair of a flags (ff ff) are calculated for indication faulted and healthy circuits in parallel lines and in the same time a flag (Internal\_Fault) for indication internal or external fault in parallel lines is calculated in independent way. Next gathering all calculated flags (ff ff Internal\_Fault) an analyze of the value of these flags are performed and depending on the values of flags (ff ff Internal\_Fault) and on their reciprocal relationship a trip permission signal from the protection relay (4) is released and sent to the alarms devices or to the line breakers or a block signal from the protection relay (4) is generated and sent to the users in order to protect parallel lines before damage.

No. of Pages : 23 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :10/02/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : CLEANING DEVICE FOR CLEANING A SURFACE COMPRISING A BRUSH AND A SQUEEGEE 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:61/526316 :23/08/2011 :U.S.A. :PCT/IB2012/053954 :02/08/2012 :WO 2013/027140 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KONINKLIJKE PHILIPS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE</li> <li>Eindhoven Netherlands</li> <li>(72)Name of Inventor :</li> <li>1)VAN DER KOOI Johannes Tseard</li> <li>2)ROUMEN Britt</li> <li>3)KINGMA Pieter</li> </ul>
Number		

#### (57) Abstract :

The present invention relates to a cleaning device for cleaning a surface (20) comprising: a brush (12) rotatable about a brush axis (14) said brush (12) being provided with flexible brush elements (16) that are substantially uniformly distributed over the periphery of the brush (12) wherein the brush (12) is at least partly surrounded by a nozzle housing (28) and protrudes at least partially from a bottom side (30) of said nozzle housing (28) which during use of the device (100) faces the surface to be cleaned (20) wherein the brush elements (16) during the rotation of the brush (12) substantially form a sealing with the housing (28) at a first position (33) where the brush elements (16) leave the housing (28) during the rotation of the brush (12) and contact the surface to be cleaned (20) during the rotation of the brush (12) at a second position (35) for picking up dirt particles (22) and liquid (24) from said surface (20) thereby defining a suction area (34) in a space between the brush (12) said housing (28) and said surface to be cleaned (20) which is at least partly sealed at said first and second positions (33 35) a single squeegee element (32) which is spaced apart from the brush (12) and attached to the bottom side (30) of the nozzle housing (28) on a side of the brush (12) where the brush elements (16) enter the housing (28) during the rotation of the brush (12) wherein said squeegee element (32) is adapted for pushing or wiping dirt particles and liquid across or off the surface to be cleaned (20) during movement of the cleaning device (100) thereby defining a suction inlet (36) between the squeegee element (32) and the brush (12) that opens into the suction area (34) for generating an under pressure in said suction area (34) for ingesting dirt particles (22) and liquid (24) from the suction inlet (36).

No. of Pages : 50 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :10/02/2014

#### (43) Publication Date : 10/04/2015

### (54) Title of the invention : N THIO ANTHRANILAMIDE COMPOUNDS AND THEIR USE AS PESTICIDES

<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>	:C07D231/14,C07D401/04,C07D409/12 :61/522722 :12/08/2011 :U.S.A. :PCT/EP2012/065645 :10/08/2012 :WO 2013/024004 O':NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BASF SE Address of Applicant :67056 Ludwigshafen Germany</li> <li>(72)Name of Inventor :</li> <li>1)DESHMUKH Prashant</li> <li>2)K-RBER Karsten</li> <li>3)DICKHAUT Joachim</li> <li>4)BASTIAANS Henricus Maria Martinus</li> <li>5)KORDES Markus</li> <li>6)KAISER Florian</li> <li>7)NARINE Arun</li> <li>8)BANDUR Nina Gertrud</li> <li>9)VEITCH Gemma</li> <li>10)CULBERTSON Deborah L.</li> <li>11)NEESE Paul</li> <li>12)GUNJIMA Koshi</li> </ul>
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#### (57) Abstract :

The present invention relates to N thio anthranilamide compounds of formula (I) and the stereoisomers salts tautomers and N oxides thereof and to compositions comprising the same. The invention also relates to the use of the N thio anthranilamide compounds or of the compositions comprising such compounds for combating invertebrate pests. Furthermore the invention relates to methods of applying such compounds.

No. of Pages : 103 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :10/02/2014

(43) Publication Date : 10/04/2015

### (54) Title of the invention : FOAMABLE OIL IN WATER EMULSION AND METHOD FOR PRODUCING 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A23C13/14,A23L1/19 :2011156123 :14/07/2011 :Japan :PCT/JP2012/067898 :13/07/2012 :WO 2013/008904 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MEIJI CO. LTD. Address of Applicant :2 10 Shinsuna 1 chome Koto ku Tokyo 1368908 Japan</li> <li>(72)Name of Inventor :</li> <li>1)KOMORI Masashi</li> <li>2)TAKEO Chie</li> </ul>
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#### (57) Abstract :

Provided is a foamable oil in water emulsion that regardless of having a low percent content of fat and total solids has superior foamability flower forming properties shape retention sense of concentrated flavor and lack of heavy mouthfeel. The foamable oil in water emulsion which has a percent oil and fat content of 8 22 wt% and a percent content of total solids of 30 60 wt% contains casein sodium and an emulsifier and has an overrun value in the optimal foamed state of at least 200%. The percent content of casein sodium is preferably 0.8 4.0 wt%.

No. of Pages : 29 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :10/02/2014

#### (43) Publication Date : 10/04/2015

(51) International classification	:B60T7/04,B60T8/40	(71)Name of Applicant :
(31) Priority Document No	:102011080957.0	1)CONTINENTAL TEVES AG & CO. OHG
(32) Priority Date	:15/08/2011	Address of Applicant :Guerickestrae 7 60488 Frankfurt
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/065404	(72)Name of Inventor :
Filing Date	:07/08/2012	1)FEIGEL Hans Jrg
(87) International Publication No	:WO 2013/023953	2)TARANDEK Kristijan
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : BRAKE ACTUATING UNIT

(57) Abstract :

Brake actuating unit (1 1) for a motor vehicle brake system of the brake by wire type having a housing (10) a first hydraulic cylinder/piston arrangement (3) with an actuating piston which is displaceably guided in the housing (10) and delimits a hydraulic pressure chamber to which wheel brakes of the motor vehicle can be connected wherein the actuating piston can be actuated by means of a push rod (2) which transmits actuating forces the brake actuating unit further having an electrically controllable pressure supplying device (6) which is designed as a second hydraulic cylinder/piston arrangement (12) the piston of which can be displaced by an electric motor (7) by means of a rotational/translational gear mechanism (9) and a valve arrangement (4) including a number of valves (41 42 43) for setting wheel individual brake pressures and for disconnecting or connecting the wheel brakes from/to the first cylinder/piston arrangement (3) or from/to the pressure supplying device (6) wherein the valve arrangement (4) and the pressure supplying device (6) are arranged at least partially within the housing (10) and wherein the axis of the electric motor (7) of the pressure supplying device (6) is arranged substantially perpendicular to the longitudinal axis (30) of the first cylinder/piston arrangement (3).

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

(19) INDIA

(22) Date of filing of Application :10/02/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : REDUCED SIGNALING OVERHEAD DURING RADIO RESOURCE CONTROL (RRC) STATE TRANSITIONS

<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>	:H04B7/26 :61/522623 :11/08/2011 :U.S.A. :PCT/US2012/032922 :10/04/2012 :WO 2013/106060 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)INTEL CORPORATION <ul> <li>Address of Applicant :2200 Mission College Boulevard Santa</li> </ul> </li> <li>Clara California 95052 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)GUPTA Maruti</li> <li>2)KOC Ali</li> <li>3)VANNITHAMBY Rath</li> </ul> </li> </ul>
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#### (57) Abstract :

A method and system for reducing signaling overhead during radio resource control (RRC) state transitions is disclosed. The method can include a first wireless device saving a selected RRC parameter in a memory. The selected RRC parameter can be identified based on a low frequency in which the selected RRC parameter changes. The first wireless device can set an RRC resource parameter retention timer to count a retention time duration for using the selected RRC parameter saved in the memory. The first wireless device can receive a reduced RRC connection message from a second wireless device. The reduced RRC connection message excludes the selected RRC parameter. The first wireless device can use the selected RRC parameter saved in the memory for the RRC parameter excluded in the reduced RRC connection message when the RRC resource parameter retention timer is not expired. The selected RRC parameter can be used in a RRC connection protocol.

No. of Pages : 35 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :10/02/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : PHOTON COL	UNTING DETECTOR	
<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>	:G01T1/24 :61/528785 :30/08/2011 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)KONINKLIJKE PHILIPS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands</li> <li>(72)Name of Inventor :</li> <li>1)R-SSL Ewald</li> </ul>
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application</li></ul>	:WO 2013/030708	2)PROKSA Roland
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Adetector array includes at least one direct conversion detector pixel (114 114 M) configured to detect photons of poly chromatic ionizing radiation. The pixel includes a cathode layer (116) an anode layer (118) including an anode electrode (118 118 M) for each of the at least one detector pixels a direct conversion material (120) disposed between the cathode layer and the anode layer anda gate electrode disposed in the direct conversion material parallelto and between the cathode and anode layers.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :10/02/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : REAL TIME CONTROL OF HIGH INTENSITY FOCUSED ULTRASOUND USING MAGNETIC **RESONANCE IMAGING**

(51) International classification	:A61N7/02	(71)Name of Applicant :
(31) Priority Document No	:61/528906	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:30/08/2011	Address of Applicant : High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/054376	(72)Name of Inventor :
Filing Date	:27/08/2012	1)VAHALA Erkki Tapani
(87) International Publication No	:WO 2013/030746	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		L

#### (57) Abstract :

A medical apparatus (300 400 500) comprises a high intensity focused ultrasound system(322) configured for for sonicating a target volume (340) of a subject (318). The medical apparatus further comprises a magnetic resonance imaging system (302) for acquiring magnetic resonance data (356 358 360 368 374) from an imaging zone (308). The treatment volume is within the imaging zone. The medical apparatus further comprises a memory(352) containing machine executable a control module (382 402) for controlling the sonication of the target volume using the magnetic resonance data as a control parameter and a processor (346). Execution of the instructions causes the processor to repeatedly acquire (102 202) magnetic resonance data in real time using the magnetic resonance imaging system and control(104 206) sonication of the target volume by the high intensity focused ultrasound system in real time using the sonication control module and the magnetic resonance data.

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

(19) INDIA

(22) Date of filing of Application :11/02/2014

(43) Publication Date : 10/04/2015

(51) International classification	:G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:13/226712	1)QUALCOMM INCORPORATED
(32) Priority Date	:07/09/2011	Address of Applicant :Attn: International Ip Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2012/053979	(72)Name of Inventor :
Filing Date	:06/09/2012	1)CORSON Mathew Scott
(87) International Publication No	:WO 2013/036653	2)PARK Vincent D.
(61) Patent of Addition to Application	:NA	3)STEPHENS Arthur
Number	:NA	4)JAYARAM Ranjith S.
Filing Date	.INA	5)TSIRTSIS Georgios
(62) Divisional to Application Number	:NA	6)VANDERVEEN Michaela
Filing Date	:NA	7)CHILDRESS Charles Cullen

#### (54) Title of the invention : AD CACHE MAINTENANCE METHODS AND APPARATUS

(57) Abstract :

Methods and apparatus relating to ad cache maintenance e.g. determining when ad cache replenishment should occur replenishing ad cache content and/or updating the content of an ad cache on a device which supports the presentation of advertisements (ads) are described. Signals are received by a first device including an ad cache. The signals are received from other devices e.g. devices in the direct wireless communications range of the first device. Received signals are processed and provide context information e.g. information about the surrounding services available stores in the region etc. in which the first device receiving the signals is at a given point in time. Context information is stored. As new context information is generated from received signals the newly generated set of context information is compared to a previously generated set of context information. Changes in context information are detected and used in performing ad cache maintenance operations.

No. of Pages : 43 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :11/02/2014

(43) Publication Date : 10/04/2015

#### (51) International classification :G06O (71)Name of Applicant : (31) Priority Document No :13/226715 1)QUALCOMM INCORPORATED (32) Priority Date Address of Applicant :Attn: International Ip Administration :07/09/2011 (33) Name of priority country 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/053984 (72)Name of Inventor : 1)CORSON Mathew Scott Filing Date :06/09/2012 (87) International Publication No :WO 2013/036657 2)PARK Vincent D. (61) Patent of Addition to Application **3)STEPHENS Arthur** :NA Number 4) JAYARAM Raniith S. :NA Filing Date **5)TSIRTSIS Georgios** (62) Divisional to Application Number :NA 6)CHILDRESS Charles Cullen Filing Date :NA

### (54) Title of the invention : METHODS AND APPARATUS FOR SELECTING ADVERTISEMENTS

(57) Abstract :

Methods and apparatus related to selecting advertisements for presentation based on e.g. received signals from devices in the proximity to a user s communications device are described. In various embodiments a mobile device monitors for signals e.g. peer discovery or other signals from other devices which transmit e.g. broadcast advertisement related information. In various embodiments a device receives advertising information from an advertising device e.g. AdPoint. In the case of peer to peer signaling the AdPoint may be in close proximity to the user device receiving the advertising information. Advertising information received from devices in proximity to the user device are used in selecting an advertisement for presentation. Distance from the user device to the AdPoint transmitting an advertisement or advertisement identifier distance to a store to which an advertisement for presentation.

No. of Pages : 36 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :10/02/2014

(43) Publication Date : 10/04/2015

(51) International classification	:F02F5/00	(71)Name of Applicant :
(31) Priority Document No	:61/522986	1)FLSMIDTH A/S
(32) Priority Date	:12/08/2011	Address of Applicant :77 Vigerslev Alle DK 2500 Valby
(33) Name of priority country	:U.S.A.	Denmark
(86) International Application No	:PCT/US2012/050275	(72)Name of Inventor :
Filing Date	:10/08/2012	1)HARWELL Travis
(87) International Publication No	:WO 2013/025472	2)MOORHEAD Robert G.
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (54) Title of the invention : ENERGY DIFFUSING WEAR RING AND METHODS THEREOF

(57) Abstract :

An energy diffusion sealing ring for use with a hydrocyclone or pump is provided. The energy diffusion sealing ring comprises a sacrificial suspension matrix comprised of a polymer elastomer or combination thereof and a number of packed inserts suspended in the matrix. The matrix serves as delivery means for the inserts into one or more recessed portions. The inserts comprise a hard material (e.g. ceramic or carbide) and form wear bodies which slow and dissipate kinetic energy of escaping slurry by way of creating paths of resistance. As the suspension matrix erodes over time a plurality of interstices between the inserts are formed. Escaping slurry slows as it traverses three dimensional serpentine paths defined by said interstices thereby reducing its potential to wear surrounding components. Methods for manufacturing an energy diffusion sealing ring and for dissipating the energy of slurry are also disclosed.

No. of Pages : 45 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :13/02/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : ADAPTIVE TUNING OF AN IMPEDANCE MATCHING CIRCUIT IN A WIRELESS DEVICE (51) International classification :H04B1/04,H04B1/18 (71)Name of Applicant : (31) Priority Document No **1)QUALCOMM Incorporated** :13/236423 (32) Priority Date Address of Applicant :Attn: International IP Administration :19/09/2011 (33) Name of priority country 5775 Morehouse Drive San Diego California 92121 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/056131 (72)Name of Inventor : 1)SEE Puav Hoe Filing Date :19/09/2012 (87) International Publication No :WO 2013/052277 2)ZHANG Xiangdong (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract :

Techniques for adaptively tuning an impedance matching circuit are disclosed. In an aspect the impedance matching circuit is pre characterized. The performance of the impedance matching circuit is determined for multiple settings of the impedance matching circuit stored in memory and used to tune the impedance matching circuit. In another aspect the impedance matching circuit is tuned based on measurements for one or more parameters such as delivered power return loss power amplifier current antenna/load impedance etc. In an exemplary design an apparatus includes a memory and a control unit. The memory stores information for multiple settings of an impedance matching circuit. The control unit selects one of the multiple settings of the impedance matching circuit based on the information for the multiple settings and measurements for the impedance matching circuit. The impedance matching circuit based on the information for the multiple settings and measurements for the impedance matching circuit. The impedance matching circuit (e.g. an antenna) based on the selected setting.

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

### (12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :04/10/2013

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : HARD MATERIAL AND METHOD OF MAKING THE SAME FROM AN AQUEOUS HARD MATERIAL MILLING SLURRY

(51) International classification	:C09G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KENNAMETAL INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :8/9th Mile, Tumkur Road, Bangalore-
(33) Name of priority country	:NA	560073, Karnataka, India.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SIVARAMAN GOPALRAO
(87) International Publication No	: NA	2)RAGHAVAN RENGARAJAN
(61) Patent of Addition to Application Number	:NA	3)RAMESH SATHYANARAYAN RAO
Filing Date	:NA	4)ALAM RUKHSAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

An aqueous emulsion for use in aqueous milling of hard material powder components in an aqueous slurry. The aqueous emulsion includes an oxidation inhibitor in an amount between about 0.3 weight percent and about 1.2 weight percent of the hard material powder components in the aqueous slurry. The aqueous emulsion also includes a paraffin wax in an amount between about 0.25 weight percent and about 0.75 weight percent of the hard material powder components in the aqueous slurry for vacuum dried powder and in an amount about up to 2.75 weight percent of the hard material powder components in the aqueous slurry for spray dried powder. The aqueous emulsion also includes myristic acid in an amount between about 0.10 weight percent and about 0.50 weight percent of the hard material powder components in the aqueous slurry. The balance of the aqueous emulsion is water.

No. of Pages : 45 No. of Claims : 20

(22) Date of filing of Application :04/10/2013

(43) Publication Date : 10/04/2015

(54) Title of the invention : METHOD FOR KEEPING GLASS ORNAMENTAL SURFACE WITH ANTI-TEMPERED PROPERTY

(51) International classification	:C03C17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HITEC (TONG XIANG) CLASS & MIRROR CO., LTD.
(32) Priority Date	:NA	Address of Applicant :No. 1800 Renmin Rd., Tong Xiang, Zhe
(33) Name of priority country	:NA	Jiang, China
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LIN Meng-Chun
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a method for keeping glass ornamental surface with anti-tempered property. The major steps are coating an isolation layer (NiCrOx) on a pattern area of a glass body surface in which the pattern area is coated with a reflective metal layer having color and transmittance, preventing from corrosion by sodium and oxygen; coating with nitride or oxide (Si3N4 or Si3N4+SnO2/TiO2) on a surface of the isolation layer to enhance the mechanical and chemical stability of the reflective metal layer; and a shielding layer is removed by a scavenger to form a superior pattern of the reflective metal layer. The major function of the coated reflective metal layer and protective layer is to ensure that the pattern area of the glass body surface is prevented from oxidation, discoloration, and deterioration during a tempering process with a high-temperature. Therefore, the pattern area of the reflective metal layer having various colors keeps its initial brilliance, so as to make glass safer, much more idealize the ornamental effect, and increase its life span.

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :10/02/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : N THIO ANTHRANILAMIDE COMPOUNDS AND THEIR USE AS PESTICIDES

<ul> <li>(51) International classification</li> <li>(31) Priority Document N</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>	:12/08/2011 :U.S.A. :PCT/EP2012/065651 :10/08/2012 :WO 2013/024010 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BASF SE Address of Applicant :67056 Ludwigshafen Germany</li> <li>(72)Name of Inventor :</li> <li>1)KAISER Florian</li> <li>2)K-RBER Karsten</li> <li>3)DESHMUKH Prashant</li> <li>4)CULBERTSON Deborah L.</li> <li>5)NEESE Paul</li> <li>6)GUNJIMA Koshi</li> </ul>
Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to N thio anthranilamide compounds of the formula (I) the stereoisomers the salts the tautomers and the N oxides thereof wherein R is halogen methyl or halomethyl R is hydrogen halogen or cyano; R is hydrogen C C alkyl C C haloalkyl C C alkenyl or the like; R is halogen; R and R independently of each other are optionally substituted C C alkyl C C cycloalkyl C C alkenyl C C alkynyl phenyl or together represent an (hetero)aliphatic chain or the like; and k is 0 or 1. The present invention further relates to a method for combating or controlling invertebrate pests to a method for protecting plant propagation material and/or the plants which grow therefrom to plant propagation material comprising at least one compound according to the preparation of a composition for treating infested or infected animals and/or for protecting animals against infestation or infection by parasites and to a compound according to the invention for use as a medicament.

No. of Pages : 88 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :10/02/2014

(54) Title of the invention : A HEATER

#### (43) Publication Date : 10/04/2015

(32) Priority Date:31/08/2011(33) Name of priority country <td:u.s.a.< td="">(86) International Application:PCT/IB2012/054400</td:u.s.a.<>	<ul> <li>71)Name of Applicant :</li> <li>1)KONINKLIJKE PHILIPS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands</li> <li>72)Name of Inventor :</li> <li>1)SLADECEK Marcel</li> </ul>

(57) Abstract :

The present application relates to a heater (6) for heating food received in a container (2) to prevent overheating and/or scorching of the food. The heater (6) has a heating element (9) and a control unit configured to initially operate the heating element (9) at a higher initial temperature setting so that when a container (2) is disposed adjacent to the heating element (9) the temperature of the container is increased rapidly and to reduce the temperature setting of the heating element (9) to the operating temperature setting when the higher initial temperature setting is reached. The present application also relates to an apparatus for heating food and a method of operating a heater (6) for heating food.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :11/02/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : WATER VAPOR DESTILLATION APPARATUS AND METHOD

(51) International classification	:B01D1/00,B01D3/42,C02F1/04	(71)Name of Applicant :
(31) Priority Document No	:13/184169	1)DEKA PRODUCTS LIMITED PARTNERSHIP
(32) Priority Date	:15/07/2011	Address of Applicant :340 Commercial Street Manchester NH
(33) Name of priority country	:U.S.A.	03101 U.S.A.
(86) International Application N	o :PCT/US2012/046740	(72)Name of Inventor :
Filing Date	:13/07/2012	1)KAMEN Dean
(87) International Publication No	:WO 2013/012744	2)LAROCQUE Ryan K.
(61) Patent of Addition to	:NA	3)LANGENFELD Christopher C.
Application Number	:NA	4)ENT Stephen M.
Filing Date	INA	5)SCHNELLINGER Andrew A.
(62) Divisional to Application	•NT A	6)BHAT Prashant
Number	:NA :NA	7)SMITH III Stanley B.
Filing Date	.1NA	8)CLAPP Otis L.

#### (57) Abstract :

A fluid vapor distillation system. The system includes a control system for controlling a fluid vapor distillation apparatus including a blow down controller for controlling a blow down valve a source flow controller for controlling a source flow valve and a blow down level sensor in communication with a blow down controller and a source flow controller the blow down level sensor sends signals related to the blow down level to the blow down controller and the source flow controller indicative of the blow down level wherein the source flow controller actuates the source flow valve based at least on the blow down level sensor signals and wherein the blow down level and the source flow level are maintained using the blow down level sensor signals as input.

No. of Pages : 433 No. of Claims : 79

### (22) Date of filing of Application :04/10/2013

#### (43) Publication Date : 10/04/2015

## (54) Title of the invention : CERAMIC METAL JOINING WITH ACTIVE BRAZE ALLOY AND METALLIC INTERLAYER; AND RELATED 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H01M10/00 :NA :NA :NA :NA :NA : NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GENERAL ELECTRIC COMPANY Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)KUMAR, SUNDEEP</li> <li>2)SUDDALA, VIPIN RAJU</li> </ul>
(61) Patent of Addition to Application Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

An electrochemical cell is presented. The cell includes a first component, a second component, and an intermediate structure disposed between the first component and the second component. The first component includes alpha alumina and the second component includes nickel. The intermediate structure includes a first layer adjacent to the first component, a second layer adjacent to the second component, and a reaction layer. The first layer includes an active braze alloy that has greater than about 50 weight percent nickel, less than about 10 weight percent of an active metal, and has a liquidus temperature in a range from about 1000 °C to about 1250 °C. The second layer includes an interlayer metal having a coefficient of thermal expansion (CTE) value less than about 5.5 ppm/°C. The reaction layer is disposed between the first component and the first layer. Batteries including a plurality of interconnected electrochemical cells are also provided.

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

#### (19) INDIA

(22) Date of filing of Application :10/02/2014

(54) Title of the invention of ED LICUT COUDCE

#### (43) Publication Date : 10/04/2015

(54) Title of the invention : LED LIGHT S	SOURCE	
<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>	:H02J :61/526302 :23/08/2011 :U.S.A. :PCT/IB2012/054217 :21/08/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)KONINKLIJKE PHILIPS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands</li> <li>(72)Name of Inventor :</li> <li>1)KAHLMAN Henricus Marius Joseph Maria</li> </ul>
<ul> <li>(87) International Publication No</li> <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>	:WO 2013/027171 :NA :NA :NA :NA	2)KURT Ralph 3)TAO Haimin

#### (57) Abstract :

A LED light source comprises a first rectifier (DB1) having input terminals coupled to an AC voltage source and output terminals connected by a first series arrangement comprising N LED loads and further comprises circuitry (II I2 I3 CC) for making the LED loads one by one carry a current when the momentary value of the AC voltage increases and one by one stop carrying a current when the momentary value of the AC voltage decreases. The LED light source also comprises a second rectifier (DB2) having input terminals coupled to the AC voltage source via a reactive element and output terminals connected by a second series arrangement comprising M LED loads and further comprises circuitry (I4) for making the LED loads one by one carry a current when the momentary value of the AC voltage present at the input terminals of the second rectifier increases and one by one stop carrying a current when the momentary value of the AC voltage present at the input terminals of the second rectifier increases and one by one stop carrying a current when the momentary value of the AC voltage decreases.

No. of Pages : 26 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 10/04/2015

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> </ul> </li> </ul>	:61/524081 :16/08/2011 :U.S.A. :PCT/US2012/051133 :16/08/2012 :WO/2013/025905 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NUCLEUS SCIENTIFIC INC. Address of Applicant :6 Oakdale Lane Lincoln MA 01773</li> <li>U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)HUNTER Ian W.</li> <li>2)LAFONTAINE Serge</li> <li>3)HEMOND Brian David</li> <li>4)DURAND Keith Vaughn</li> </ul>
(61) Patent of Addition to Application		3)HEMOND Brian David
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (54) Title of the invention : OVERHEAD POWER TRANSFER SYSTEM

(57) Abstract :

The present invention relates to a charging station for charging a plurality of vehicles and methods of charging energy storage systems within a plurality of vehicles. A charging station for charging a plurality of vehicles each with a receiver coil located on top of a vehicle includes: a first and second support structures an overhead track stretching between the first and second support structures a movable carriage on the overhead track the carriage including a transmitter coil located at a position under the carriage for transferring power to the receiver coils of the plurality of vehicles when they are parked under the overhead track and an inductive power transfer module connected to the transmitter coil and a motorized transport mechanism for moving the carriage along the tracks and positioning the carriage over any selectable one of the plurality of vehicles.

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

#### (19) INDIA

(22) Date of filing of Application :04/10/2013

(43) Publication Date : 10/04/2015

(54) Title of the invention : RECONFIGURABLE CUTTING TOOL		
<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)KENNAMETAL INDIA LIMITED Address of Applicant :8/9th Mile, Tumkur Road, Bangalore- 560073, Karnataka, India. Jammu &amp; Kashmir India (72)Name of Inventor : 1)Vikram Munigala</li></ul>

(57) Abstract :

A reconfigurable cutting tool (10) includes a boring head (12) at one end, an attachment portion (16) at a second end that is opposite the first end, and a boring bar (14) disposed between the boring head (12) and the attachment portion (16). The boring bar (14) is made of a shape memory material such that a geometry of the reconfigurable boring tool (10) is selectively changed in response to an activation signal from a temperature controlling processor (20).

No. of Pages : 23 No. of Claims : 12

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

(43) Publication Date : 10/04/2015

# (54) Title of the invention : BISCUITS FOR HEALTH PROMOTION, SKILL DEVELOPMENT AND BEHAVIOUR MODIFICATION IN AUTISM

<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>	:A23L1/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)AVINASHILINGAM INSTITUTE OF HOME SCIENCE</li> <li>AND HIGHER EDUCATION FOR WOMEN <ul> <li>Address of Applicant :COIMBATORE - 643 041 Tamil Nadu</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)DR. M.V. ALLI</li> <li>2)DR. S. PREMAKUMARI</li> </ul> </li> </ul>
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#### (57) Abstract :

Biscuits for health promotion, skill development and behaviour modification in autism were specially formulated with beneficial functional food ingredients and developed as a food supplement to address the problems of the autistic children. This biscuit has been designed to be gluten free, casein free, sugar free and additive free to be conducive for the development of the autistic children. The specific food ingredients present in the biscuit were aimed at producing improvement in their nutritional status, alleviate their atypical behaviours and enhance their functional skills. Nutritional status of the children was enhanced with better immunoglobulin levels. A significant improvement (p<0.05) was observed in the behaviour pattern and the functional skills of the autistic children who received the nutritional supplement in the form of biscuits. This food supplement could be used as an alternative therapy for the improvement of children with autism disability. It needs to be patented since it has a prospective market value.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :12/02/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : A COLLAPSIBLE MEDICAL CLOSING DEVICE A METHOD AND A MEDICAL SYSTEM FOR DELIVERING AN OBJECT

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A61B17/00,A61B17/12 :11180831.7 :09/09/2011 :EPO :PCT/EP2012/067649 :10/09/2012 :WO 2013/034764 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)OCCLUTECH HOLDING AG Address of Applicant :Vordergasse 3 CH 8201 Schaffhausen Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)SOLEM Jan Otto</li> </ul>
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#### (57) Abstract :

The disclosure is related to the sealing of an opening in a body e.g. a blood vessel or a human heart. In particular the disclosure relates to a collapsible medical closing device a method and a medical system for delivering an object. Furthermore the disclosure provides positioning of an object and sealing a gap of an opening in a body with one single piece of equipment. In one embodiment a collapsible medical closing device (1) for closing a body opening which comprises: a network of at least one thread (6) wire or fiber and a closeable through channel in said network having an opening (12) for receiving an elongated unit therein for delivery of said collapsible medical closing device (1) over said elongated unit wherein said elongated unit is a sheath is provided.

No. of Pages : 40 No. of Claims : 57

(19) INDIA

(22) Date of filing of Application :12/02/2014

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : ANILINE TYPE COMPOUNDS

<ul> <li>(51) International</li></ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)BASF SE</li></ul>
classification <li>(31) Priority Document No :11177499.8</li> <li>(32) Priority Date</li> <li>(32) Priority Date</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>(34) Priority Date</li> <li>(35) Name of priority</li> <li>(35) Name of priority</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>(33) Name of priority</li> <li>(34) Priority Date</li> <li>(35) Priority Date</li> <li>(36) International</li> <li>(37) Protection No</li> <li>(38) Protection No</li> <li>(39) Priority Date</li> <li>(30) Protection No</li> <li>(31) Priority Date</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>(34) Protection No</li> <li>(35) Protection No</li> <li>(35) Protection No</li> <li>(36) Protection No</li> <li>(37) Protection No</li> <li>(38) Protection No</li> <li>(39) Protection No</li> <li>(31) Protection No</li> <li>(31) Protection No</li> <li>(31) Protection No</li> <li>(32) Protection No</li> <li>(32) Protection No</li> <li>(33) Protection No</li> <li>(34) Protection No</li> <li>(35) Protection No</li> <li>(36) Protection No</li> <li>(37) Protection No</li> <li>(31) Protection No</li> <li>(31) Protection No</li> <li>(32) Protection No</li> <li>(33) Protection No</li> <li>(34) Protection No</li> <li>(35) Protection No</li> <li>(35) Protection No</li> <li>(36) Protection No</li> <li>(37) Protection No</li> <li>(38) Protection No</li> <li>(39) Protection No</li> <li>(30) Protection No</li> <li>(31) Protection No</li> <li>(31) Protection No</li> <li>(32) Protection No</li> <li>(33) Protection No</li> <li>(34) Protection No</li> <li>(35) Protection No</li> <li>(35) Protection No</li> <li>(36) Protection No</li> <li>(37) Protection No</li> <li>(38) Protection No</li> <li>(</li>	Address of Applicant :67056 Ludwigshafen Germany <li>(72)Name of Inventor :</li> <li>1)K-RBER Karsten</li> <li>2)DESHMUKH Prashant</li> <li>3)KAISER Florian</li> <li>4)RACK Michael</li> <li>5)FRASSETTO Timo</li> <li>6)VEITCH Gemma</li> <li>7)KORDES Markus</li> <li>8)NAUJOK Marco</li>

(57) Abstract :

The present invention relates to compounds of the formula (I) wherein R and R independently of one another are hydrogen C C alkyl C C haloalkyl C C cycloalkyl C C halocycloalkyl C C alkenyl C C haloalkenyl or together represent an aliphatic chain or the like; R is halogen cyano C C alkyl C C haloalkyl C C cycloalkyl C C haloalkyl C C halocycloalkyl C C alkenyl C C haloalkenyl C C alkenyl C C haloalkenyl C C hal

No. of Pages : 138 No. of Claims : 20

#### (19) INDIA

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

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : V-KIT (ELECTRICITY FROM MOTOR VEHICLE FOR DOMESTIC USE)

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H02J7/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TACHOTH VASUDEVAN Address of Applicant :V-95, SREE VATSA HILL VIEW, KOVAIPUDUR, COIMBATORE 42 Tamil Nadu India</li> <li>(72)Name of Inventor :</li> <li>1)TACHOTH VASUDEVAN</li> </ul>
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#### (57) Abstract :

It is a system used to store the unused electricity from motor vehicle into a chargeable battery and utilize it for domestic purposes How V-KIT works  $\diamond$  Usually all kinds of vehicles are given a provision to generate electricity. This provision is known as alternator.  $\diamond$ A vehicles head light, self start, stereo etc... Works with the help of this alternator.  $\diamond$  Generally, the alternator is not used to its maximum capacity when the vehicles are in motion.  $\diamond$  During day time journey, the head light of the vehicles are not used  $\diamond$ Moreover, in most vehicles, alternators are provided with more capacity than required by that vehicle.  $\diamond$  In such situations if the alternator is utilized to its maximum capacity and collected into a V-KIT system, it can be used to meet the electricity requirements for household purposes to a certain extent. V-kit charging  $\diamond$  The effective charging of V-Kit does not depend on for how many kilometers the vehicle run.  $\diamond$  It depends on how many hours the engine of the vehicle was on. Affect of V-KIT on vehicles engine and alternator  $\diamond$ The ampere capacity of the alternator of the motor vehicles is very higher than the ampere capacity required for charging V-Kit.  $\diamond$ Power required to run the alternator is very less compared to the vehicles engine capacity.  $\diamond$  When the vehicle is in motion on the highway, if the cars glass windows are kept open the pressure generated gives more load on the vehicles engine compared to the load due to switching on the Air conditioner in the vehicle.  $\diamond$  The Air conditioners load of the vehicle is approx 5hp.  $\diamond$  Moreover, practically when this system was experimented it was understood that V-kit does not increase the fuel consumption of the vehicle.

No. of Pages : 13 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :10/02/2014

(43) Publication Date : 10/04/2015

# (54) Title of the invention : DEVELOPER STORING CONTAINER DEVELOPER STORING UNIT PROCESS CARTRIDGE AND ELECTROPHOTOGRAPHIC IMAGE FORMATION DEVICE

(51) International classification	:G03G15/08.G03G21/18	(71)Name of Applicant :
(31) Priority Document No	:2011155832	1)CANON KABUSHIKI KAISHA
(32) Priority Date	:14/07/2011	Address of Applicant :30 2 Shimomaruko 3 chome Ohta ku
(33) Name of priority country	:Japan	Tokyo 1468501 Japan
(86) International Application No	:PCT/JP2012/068530	(72)Name of Inventor :
Filing Date	:13/07/2012	1)MATSUZAKI Hiroomi
(87) International Publication No	:WO 2013/008954	2)MATSUSHITA Masaaki
(61) Patent of Addition to Application	:NA	3)FUJISAKI Tatsuo
Number	:NA	4)FURUTANI Masaki
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A plurality of openings (35a) which are offset in the perpendicular direction (F) relative to an opening direction (E) is disposed on a developer bag (16). As a consequence it is easy to open the bag.

No. of Pages : 156 No. of Claims : 26

#### (19) INDIA

(22) Date of filing of Application :20/07/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : POLYMORPHIC FORM OF BORTEZOMIB AND PROCESS FOR PREPARATION THEIR OF

(51) International classification	:A61K31/00 :NA	(71)Name of Applicant : 1)GLAND PHARMA LTD
(31) Priority Document No	.NA :NA	
(32) Priority Date		Address of Applicant :6-3-865/1/2-FLAT NO: 201,
(33) Name of priority country		GREENLAND APARTMENTS, AMEERPET, HYDERABAD -
(86) International Application No	:NA	500 016 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. GOLLAGUNTA NADAMUNI
(61) Patent of Addition to Application Number	:NA	2)DR. CHIDAMBARAM SUBRAMANIAN VENKATESAN
Filing Date	:NA	3)SINGARAM SATHIYANARAYANAN
(62) Divisional to Application Number	:NA	4)BOJJA VENUGOPAL RAO
Filing Date	:NA	5)BHADDURI VENKATA KRISHNA REDDY

(57) Abstract :

Polymorphic Form of Bortezomib in Form I, From II, Amorphous Form and process for the preparation their of is disclosed.

No. of Pages : 23 No. of Claims : 12

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :01/10/2013

(43) Publication Date : 10/04/2015

(54) Title of the invention : INTEGRATED STERILIZATION INDICATOR AND TRACKER SYSTEM AND A METHOD THEREOF

(51) International classification	:A61L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:NA	Address of Applicant :3M CENTER, P.O BOX 33427, SAINT
(33) Name of priority country	:NA	PAUL MN 55133-3427 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JEYACHANDRAN, RAMKUMAR
(87) International Publication No	: NA	2)DASARATHA SRIDHAR, RAMYA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The sterilization indicator and tracker system is an electronic processing device with an input unit for entering the data for sterilization by the user and a printing unit for printing the data entered by the user. The printing unit prints the data on a color changing and recognizable label. The label is pasted on the sterile items proceeding for sterilization process. A label recognition unit in the device recognizes the authenticity of the label for printing the sterilization data on the label. A sensor unit in the device senses and record the colour change in the label after the sterilization process. The sensor unit indicates the success or failure of the completion of sterilization process. A communication unit in the device transfers the label data and the sterilization process data to a central data storage unit for reporting and batch tracking.

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

(19) INDIA(22) Date of filing of Application :01/10/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : PHARMACEUTICAL COMPOSITIONS COMPRISING TELMISARTAN

(51) International classification	:a61k 9/00	(71)Name of Applicant : 1)DR. TALASILA ESWARA GOPALA KRISHNA
(31) Priority Document No	:NA	MURTHY
(32) Priority Date	:NA	Address of Applicant : BAPATLA COLLEGE OF
(33) Name of priority country	:NA	PHARMACY, BAPATLA, GUNTUR DISTRICT - 522 101
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. TALASILA ESWARA GOPALA KRISHNA
(61) Patent of Addition to Application Number	:NA	MURTHY
Filing Date	:NA	2)KOTHAMASU RAVI SANKAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A capsule composition comprising: (a) an inert core comprising sugar sphere, (b) an active layer comprising telmisartan, sodium hydroxide, tween 80 and one or more pharmaceutically acceptable excipients, (c) an overcoating layer comprising one or more pharmaceutically acceptable excipients over the active layer.

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

#### (19) INDIA

(22) Date of filing of Application :02/10/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : AUDIO AND VIDEO SYNCHRONIZATION (51) International classification :H04N21/00 (71)Name of Applicant : (31) Priority Document No **1)NOKIA CORPORATION** :NA (32) Priority Date Address of Applicant :Keilalahdentie 4, FIN-02150 Espoo, :NA (33) Name of priority country :NA Finland (86) International Application No :NA (72)Name of Inventor : 1)Pranav Mishra Filing Date :NA (87) International Publication No : NA 2)Pushkar Patwardhan (61) Patent of Addition to Application Number :NA 3)Rajeswari Kannan Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to audio-video-synchronization, where light is captured from a light source. At least a timestamp is determined from the light. Audio stream is received from an audio source, and the audio stream is played from the point defined by the time stamp. The invention relates also to a method and technical equipment for generating data comprising at least time stamp of a video stream and signalling the generated data by means of a light from a light source.

No. of Pages : 24 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : AN EXHAUST PATH FOR EXHAUST TEMPERATURE CONTROL

<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>	:NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Bosch Limited Address of Applicant :Post Box No 3000, Hosur Road, Adugodi, Bangalore 560030, Karnataka, INDIA</li> <li>2)Robert Bosch GmbH</li> </ul>
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor : 1)GANDIBAN Karthik
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)RAGHAVAN Vikram
<ul><li>(62) Divisional to Application Number</li><li>Filing Date</li></ul>	:NA :NA :NA	

(57) Abstract :

An exhaust path (105) in which a catalytic converter (110) is disposed in said exhaust path (105) is disclosed. The exhaust path (105) is characterized by a bypass path (115) comprising an inlet and an outlet. The exhaust path (105) is also characterized by a flap (120) located at the inlet of the bypass path (115), wherein the flap (120) is adapted to operate between a closed position and an open position. Also, the exhaust path (105) is characterized by a voltage varying element (125) and heating element (130) located upstream of the inlet of the bypass path (115) and in electrical contact with the voltage varying element (125).

No. of Pages : 11 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :10/02/2014

(43) Publication Date : 10/04/2015

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:61/527643	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:26/08/2011	Address of Applicant : High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/054304	(72)Name of Inventor :
Filing Date	:24/08/2012	1)DE HAAN Gerard
(87) International Publication No	:WO 2013/030739	2)KIRENKO Ihor Olehovych
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		

#### (54) Title of the invention : DISTORTION REDUCED SIGNAL DETECTION

(57) Abstract :

The present invention relates to a device and a method for extracting information from detected characteristic signals. A data stream (26; 124a 124b 124c) derivable from electromagnetic radiation (14) emitted or reflected by an object (12) is received. The data stream (26) comprises a continuous or discrete characteristic signal (76; 32a 132b 132c) including physiological information (100) and a disturbing signal portion 5 (94). The physiological information (100) is representative of at least one at least partially periodic vital signal (20; 156). The disturbing signal portion (94) is representative of at least one of an object motion portion and/or a non indicative reflection portion. The characteristic signal (76; 132a 132b 132c) is transferred by converting at least three absolute components (92a 92b 92c) of the characteristic signal (76; 132a 132b 132c) related to respective 10 additive channels (74a 74b 74c) to at least two difference components (102; 142a 142b) of the characteristic signal (76; 132a 132b 132c) wherein each of the at least two difference components (102; 142a 142b) can be derived through a respective arithmetic transformation considering at least two of the at least three absolute components (92a 92b 92c) wherein the arithmetic transformation comprises additive and subtractive coefficients. Consequently the 1 disturbing signal portion (94) can be at least partially suppressed in the transferred signal (32; 50).

No. of Pages : 43 No. of Claims : 15

(22) Date of filing of Application :11/02/2014

(43) Publication Date : 10/04/2015

#### **RESOLUTION IN PEER TO PEER NETWORKS** (51) International classification :H04W76/02 (71)Name of Applicant : (31) Priority Document No 1)OUALCOMM INCORPORATED :13/229399 (32) Priority Date Address of Applicant :Attn: International IP Administration :09/09/2011 (33) Name of priority country 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/054246 (72)Name of Inventor : Filing Date **1)PATIL Shailesh** :07/09/2012 (87) International Publication No :WO 2013/036823 2)WANG Hua (61) Patent of Addition to Application 3)WU Xinzhou :NA Number 4)LI Junvi :NA Filing Date **5)RICHARDSON Thomas J.** (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHODS AND APPARATUS FOR WAN ASSISTED CONTENTION DETECTION &

#### (57) Abstract :

Various methods and apparatus are directed to collision detection and/or avoidance regarding peer to peer connection identifiers. A wireless communications device broadcasts a signal indicating its acquired connection identifier in one of two alternative blocks. A base station monitors peer to peer signaling in its coverage area and tracks the usage of peer to peer connection identifiers by pairs of devices. The base station detects when multiple pairs of devices are using the same peer to peer connection identifier. The base station provides assistance to the peer to peer network to avoid a collision or facilitate rapid collision detection by the peer to peer devices. In one approach the base station sends an instruction for a connection to switch its connection identifier. In another approach the base station sends a connection as to which of the two alternative blocks to use for transmission.

No. of Pages : 77 No. of Claims : 30

(22) Date of filing of Application :09/10/2013

(43) Publication Date : 10/04/2015

## (54) Title of the invention : SYSTEM FOR TWIN TARGET STEREOTACTIC SYSTEM WITH A PHANTOM BASE TO SIMULATE THE TARGET AND DETERMINE ITS ACCURACY IN VITRO

(51) International classification	:A61B19/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Selvam Murali Mohan
(32) Priority Date	:NA	Address of Applicant :No 51, 3rd Cross, Brindavan Layout,
(33) Name of priority country	:NA	Vijinapura, Bengaluru Karnataka India
(86) International Application No	:NA	2)Bhat Sadashiv
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Selvam Murali Mohan
(61) Patent of Addition to Application Number	:NA	2)Bhat Sadashiv
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention discloses a stereotactic system configured for simultaneously identifying two target focusing points. The stereotactic system includes a stereotactic frame having two separate hemi-arc system (104, 106) symmetrically arranged in the frame. The system also has a plurality of target guides. Each hemi-arc system (104, 106) has a target guide movably coupled to the hemi-arc system. The system further has at least one localizer plate having fiducials, wherein the fiducials in a localizer plate facilitates to identify the depth of a target based on the co-ordinates. The system further has a phantom frame system (200) which has a phantom pointer (202) representing the target. The target is simulated in the target guides (108, 110) by positioning the target guides (108, 110) with respect to the phantom pointer (202).

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

(22) Date of filing of Application :10/02/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : STRIP PRODUCTION METHOD FOR SAME AND PRODUCTION METHOD FOR PNEUMATIC TIRE

<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> <li>Filing Date</li> </ul>	n:B60C5/14,B29C47/06,B29C47/46 :2011203217 :16/09/2011 :Japan :PCT/JP2012/067450 :09/07/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)SUMITOMO RUBBER INDUSTRIES LTD. Address of Applicant :6 9 Wakinohama cho 3 chome Chuo ku Kobe shi Hyogo 6510072 Japan</li> <li>(72)Name of Inventor :</li> <li>1)IMOTO Yoji</li> <li>2)SUGIMOTO Mutsuki</li> </ul>
(87) International Publication No	:WO 2013/038787	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention addresses the issue of uniform thickness of an inner liner by forming a flange section on a ribbon type strip. The inner liner strip of the present invention is a thermoplastic elastomer composition strip for forming a tire inner liner having a shape similar to the finished cross sectional shape of the inner liner strip obtained by being wound spirally over a cylindrical drum; wherein the strip is configured of a layered body of (A) a first layer comprising a thermoplastic elastomer composition containing 0.1 to 50 parts by weight of organic treatment clay material for each 100 parts by weight of a styrene isobutylene styrene tri block copolymer and (B) a second layer comprising a thermoplastic elastomer composition containing at least one of a styrene isoprene styrene tri block copolymer; and the strip has a flange section disposed on the strip main body and on both sides thereof the thickness (T1) of the strip main body being 0.05 to 1.0 mm the thickness (T2) of the flange section being less than the thickness (T1) of the strip main body and the width (W2) of the flange section being 0.5 to 5.0 mm.

No. of Pages : 119 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :12/02/2014

(43) Publication Date : 10/04/2015

### (54) Title of the invention : METHODS AND MATERIALS FOR RECOMBINANT PRODUCTION OF SAFFRON COMPOUNDS

<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>	:C12N9/00,C12N9/10 :61/521171 :08/08/2011 :U.S.A. :PCT/IB2012/001513 :07/08/2012 :WO 2013/021261 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ul> <li>1)EVOLVA SA.</li> <li>Address of Applicant :Duggingerstrasse 23 CH 4153 Reinach</li> </ul> </li> <li>Switzerland <ul> <li>(72)Name of Inventor : <ul> <li>1)RAGHAVAN Shriram</li> <li>2)HANSEN Jorgen</li> <li>3)SONKAR Shailendra</li> <li>4)KUMAR Sathish</li> <li>5)KUMAR Kalyan K.</li> <li>6)PANCHAPAGESA Murali</li> <li>7)HANSEN Esben Halkjaer</li> <li>8)HANSEN Klavs Riishede</li> </ul> </li> </ul></li></ul>
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(57) Abstract :

Recombinant microorganisms plants and plant cells are disclosed that have been engineered to express a zeaxanthin cleavage dioxygenase alone or in combination with recombinant genes encoding UDP glycosyltransferases (UGTs). Such microorganisms plants or plant cells can produce compounds from saffron such as crocetin crocetin dialdehyde crocin or picrocrocin.

No. of Pages : 90 No. of Claims : 22

#### (19) INDIA

(22) Date of filing of Application :04/10/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : CUTTING TOOL MOUNTING ASSEMBLY AND CUTTING TOOL ASSEMBLY

(51) International classification:E02F3/00(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(63) Date:NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KENNAMETAL INDIA LIMITED Address of Applicant :8/9th Mile, Tumkur Road, Bangalore- 560073, Karnataka, India.</li> <li>(72)Name of Inventor :</li> <li>1)Sureshkumar Kamath Purushottam</li> <li>2)Nagendra Bangalore Gangappa</li> </ul>
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#### (57) Abstract :

A cutting tool mounting assembly adapted for attachment to a surface of a rotatable driving member of a cutting tool machine and adapted for receiving a cutting tool includes a base configured for attachment to the surface of the rotatable driving member and a tool holder configured for attachment to the base. A cutting tool assembly adapted for attachment to a surface of a rotatable driving member, a tool holder configured for attachment to the base and a cutting tool configured for receipt in the tool holder. The base and tool holder are configured to advantageously provide for decreased wear on the base. The base and tool holder are also configured to advantageously provide for a quick change relationship between the base and the tool holder.

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

### (22) Date of filing of Application :09/10/2013

#### (43) Publication Date : 10/04/2015

## (54) Title of the invention : PORTABLE MULTIPLE PROCESS/HYBRID ELECTRIC GENERATOR USING DRY WASTES, THERMAL ENERGY AND USING WATER

<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>	:F03G :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)VIVEKANAND KRISHNNA Address of Applicant :#475, OM NILAYAM, 5TH CROSS, 5TH MAIN, RAJAGOPALNAGAR, BANGALORE - 560 058</li> </ul>
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VIVEKANAND KRISHNNA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This is a Portable dry waste to electric generator with a thermal electric Materials housed to generate electricity Parallelly, it also houses a Water Fulcrum Gear Mechanism chamber built in the equipment which produces Electricity in tandem along with the dry wastes electric generation - This is a Portable Dry waste to Electric Generation for households and also for industries for daily usage. The Electricity generated is 230V/415V through wastes. It is self powered and a effective waste management equipment.

No. of Pages : 33 No. of Claims : 1

(21) Application No.1067/CHENP/2014 A

(22) Date of filing of Application :10/02/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : DATA ADMINISTRATION SYSTEM 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</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	n :G06F19/00,A61B5/00,G06K9/00 :61/525867 :22/08/2011 :U.S.A. :PCT/IB2012/054031 :08/08/2012 :WO 2013/027141 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KONINKLIJKE PHILIPS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands</li> <li>(72)Name of Inventor :</li> <li>1)JEANNE Vincent</li> <li>2)BODLAENDER Maarten Peter</li> </ul>
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(57) Abstract :

The present invention relates to a data administration system (1a 1b 1c) comprising a sensor unit (10) for obtaining image data of at least a body part of a living being (2) a vital sign extraction unit (12) for extracting one or more vital signs of said living being (2) from the obtained image data of said living being (2) a feature extraction unit (14) for extracting one or more features of said living being (2) from the obtained image data of said living being (2) an identification unit (16) for determining the identity of said living being (2) by use of said one or more extracted features of said living being (2) and a data association unit (18) for associating the one or more extracted vital signs of said living being (2) with the determined identity of said living being (2).

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

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

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : A METHOD AND SYSTEM FOR INTELLIGENT ANALYTICS ON VIRTUAL DEPLOYMENT ON A VIRTUAL DATA CENTRE

<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>	:NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HCL TECHNOLOGIES LIMITED Address of Applicant :50-53, GREAMS ROAD, CHENNAI -</li> <li>600 006 Tamil Nadu India</li> <li>(72)Name of Inventor :</li> </ul>
<ul> <li>(80) 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>	:NA :NA :NA :NA :NA :NA	(72)Name of Inventor . 1)PRASHANT AGARWAL 2)DHANYAMRAJU S U M PRASAD 3)HAREENDRAN M

(57) Abstract :

The invention relates to a method and system for data centre infrastructure management and, more particularly, to analyze and deploy interrelated objects in a virtual data centre at virtual deployment level. The present system monitors and identifies different elements of source virtual deployment such as configuration data, settings and so on which are scattered at different levels. Further, the system performs analysis based on various parameters such as virtual deployment performance data, past history data, future requirement and policy based data in order to identify best suitable target virtual data centre. After identifying best suited target virtual data centre, system triggers a redeployment request. Finally, system performs the redeployment of source virtual deployment to identified target virtual data centre.

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

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

(43) Publication Date : 10/04/2015

## (54) Title of the invention : METHOD FOR CONTROLLING THE MAGNETIC CLAMPING OF A PART AND MAGNETIC CLAMPING DEVICE USING SUCH A 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 Number</li> </ul>	:NA :NA : NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)STAUBLI FAVERGES</li> <li>Address of Applicant :Address: Place Robert Stubli 74210,</li> <li>FAVERGES/France.</li> <li>(72)Name of Inventor :</li> <li>1)TIBERGHIEN Alain-Christophe</li> <li>2)PUGET Sylvain</li> <li>3)CHACHEREAU Sylvain</li> </ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)CHACHEREAU Sylvain
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

In this method, magnetic studs housed in a plate are connected to magnetic flux measuring circuits, which define measuring zones, and to power circuits that make it possible to magnetise or demagnetise the studs. The method comprises prior steps that consist in determining (100) at least two treatment zones each defined by at least one measuring zone and defining (102) a surface of the clamping plate in contact with the part to be clamped, as well as following steps consisting, for each treatment zone, in identifying (103) one or more magnetic studs included in a surface of the clamping plate in contact with the part to be clamped, as well as following steps consisting, for each treatment zone, in identifying (103) one or more magnetic studs included in a surface of the clamping plate in contact with the part to be clamped, measuring (105) the magnetic flux produced by the stud or studs identified previously, calculating (106) an actual magnetic clamping force based on the measurement of the preceding step and on the identification made previously, calculating (108) a theoretical magnetic force thanks to this identification. The magnetic clamping device, comprises means intended to implement a method such as described hereinabove and a clamping plate that comprises at least two measuring circuits arranged one on top of the other, in relation to a plan perpendicular to the weight of the part to be clamped.

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

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

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : BOBBIN WINDING MACHINE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No</li> <li>Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:B65H54/54,B65H54/74,B65H67/048 :1186/11 :15/07/2011 :Switzerland :PCT/CH2012/000141 :29/06/2012 :WO 2013/010280 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MASCHINENFABRIK RIETER AG Address of Applicant :Klosterstrasse 20 CH 8406 Winterthur Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)GRIESSHAMMER Christian</li> </ul>
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to an apparatus and a method for winding roving (1) onto bobbin tubes (9) by way of a turret winding head. The turret winding head comprises a turret base plate (2) having a first spindle (6) and a second spindle (11) for receiving the bobbin tubes said spindles being held in the turret base plate and having a longitudinal axis (7 12). The turret base plate (2) and the spindles (6 11) are each provided with a separate drive (4 8 13). The longitudinal axes (7 12) of the spindles (6 11) are oriented in the vertical direction.

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

(22) Date of filing of Application :13/02/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : METHOD FOR PRODUCING RIGID POLYURETHANE FOAMS

(51) International classification	:C08G18/40,C08G18/48,C08G18/50	(71)Name of Applicant : 1)BASF SE
(31) Priority Document No	:11177819.7	Address of Applicant :67056 Ludwigshafen Germany
(32) Priority Date	:17/08/2011	(72)Name of Inventor :
(33) Name of priority country	/:EPO	1)EMGE Andreas
(86) International Application No Filing Date	:PCT/EP2012/065915 :14/08/2012	2)SEIFERT Holger 3)FREIDANK Daniel
(87) International Publication No	<sup>1</sup> :WO/2013/024101	
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> </ul>	:NA :NA	
Application Number Filing Date	:NA :NA	

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(57) Abstract :

The invention relates to polyure thane foams containing particles and characterised in that the particles are predominantly embedded in the cell walls.

No. of Pages : 21 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :03/10/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : A METHOD OF OPTIMIZING QUERIES EXECUTION ON A DATA STORE

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G06F17/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HUAWEI TECHNOLOGIES INDIA PVT. LTD. Address of Applicant :No.23, Level 3 &amp; 4, Leela Galleria, Airport Road, Bangalore-560017, Karnataka, India</li> <li>(72)Name of Inventor :</li> <li>1)Ravindra Pesala</li> <li>2)Naganarasimha G R</li> <li>3)ZHANG, Yong</li> </ul>
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(57) Abstract :

Embodiment of the present disclosure relates to Big Data. In particular, the present disclosure relates to a method and a server to optimize query execution on a data store. The query execution in the present disclosure is optimized by grouping one or more queries, requiring same portion of data from the data store, into one or more groups. Grouping of the one or more queries into the one or more groups is achieved from one or more metadata included in the one or more queries specified by a user who wishes to retrieve the results based on the one or more metadata. The one or more queries grouped under the one or more groups are executed that involves scanning of the data store only for once. In such way, each query is returned with required results from the data store with minimum latency.

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

#### (19) INDIA

(22) Date of filing of Application :09/10/2013

(43) Publication Date : 10/04/2015

### (54) Title of the invention : ORTHOGONAL BLADE FOR VERTICAL AXIS WIND TURBINE

(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA	<ul> <li>(71)Name of Applicant :</li> <li>1)VALAGAM RAJAGOPAL RAGHUNATHAN Address of Applicant :OLD NO:6, NEW NO:62, 12TH AVENUE, ASHOK NAGAR, CHENNAI - 600 083 Tamil Nadu</li> </ul>
(86) International Application No :NA Filing Date :NA	India (72)Name of Inventor :
(87) International Publication No : NA	1)VALAGAM RAJAGOPAL RAGHUNATHAN
(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 vertical axis wind turbine with orthogonal airfoil blade arrangement (5). In this orthogonal blade arrangement, airfoil blade is positioned in both horizontal and vertical axis. Particularly the horizontal blade arrangement (1) positioned in top and bottom side of rotor assembly for harvesting optimum power from wind. One end of the horizontal blade assembly (1) attached with rotor shaft (3) and another end attached with vertical blade assembly (2) (refer fig 2, 3 &4). In existing H-rotor type vertical axis wind turbine does not have this arrangement, so wind escaped through top and bottom side (refer fig 1). The present orthogonal blade arrangement (5) eliminates above drawbacks and achieve harvesting of optimum wind, coverage optimum swept area, cumulative/ cooperative power generation for both axis thereby obtaining overall turbine efficiency.

No. of Pages : 10 No. of Claims : 3

### (22) Date of filing of Application :09/10/2013

#### (43) Publication Date : 10/04/2015

### (54) Title of the invention : METHOD FOR AND APPARATUS COMMUNICATING MULTICAST MESSAGE THROUGH VIRTUAL PRIVATE NETWORK

(51) International classification	:H04L12/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HUAWEI TECHNOLOGIES INDIA PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :NO. 23, LEVEL 3 & 4, LEELA
(33) Name of priority country	:NA	GALLERIA, AIRPORT ROAD, BANGALORE - 560 017
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAO, KESHAVA A.K.
(61) Patent of Addition to Application Number	:NA	2)DHODY, DHRUV
Filing Date	:NA	3)AGARWAL, GAURAV
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A method and apparatus for communicating multicast messages through VPN in a Long Term Evolution network, which comprises a Service Provider Edge device (SPE) receives (SI 10) the multicast message from an aggregation network segment, the SPE is located between the aggregation network segment and a core network segment, the multicast message received from the aggregation network segment is encapsulated (SI30) on a first Multicast Distribution Tree (MDT) tunnel, and the first MDT tunnel is constructed in the aggregation network segment, the SPE decapsulates (SI20) the received multicast message, the SPE encapsulats the multicast message on a second MDT tunnel which is structed in the core network segment, and the SPE sends (SI40) the encapsulated multicast message through the core network segment. The VPN route through the aggregation network segment and the core network segment is transparent to the source and destination group of the multicast.

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

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

(43) Publication Date : 10/04/2015

## (54) Title of the invention : LED BASED ILLUMINATION MODULE WITH PREFERENTIALLY ILLUMINATED COLOR CONVERTING SURFACES

<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:30/07/2012 :WO 2013/019737 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)XICATO INC.</li> <li>Address of Applicant :4880 Stevens Creek Blvd. Suite 204</li> <li>San Jose California 95129 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)HARBERS Gerard</li> </ul>
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An illumination module (100) includes a color conversion cavity (160) with multiple interior surfaces such as sidewalls (107) and an output window (108). A shaped reflector (161) is disposed above a mounting board upon which are mounted LEDs (102A 102D). The shaped reflector (161) includes a first plurality of reflective surfaces (162 163) that preferentially direct light emitted from a first LED to a first interior surface of the color conversion cavity and a second plurality of reflective surfaces (164 165) that preferentially direct light emitted from a second LED to a second interior surface. The illumination module may further include a second color conversion cavity.

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

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 10/04/2015

## (54) Title of the invention : HIGHLY SELECTIVE ASYMMETRIC HYDROFORMYLATION OF (1S 4R) OR (1R 4S)-2-AZABICYCLO[2.2.1]HEPT-5-EN-3-ONE (+) OR (-)-LACTAM

<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>	271/36 , C07D 209/52 :61/348,890 :27/05/2010 :U.S.A. :PCT/US2011/038134 :26/05/2011 :WO/2011/150205	Address of Applicant :8-2-337 Road No. 3 Banjara Hills Hyderabad 500034 Andhra Pradesh India 2)Dr.Reddy <sup>™</sup> s Laboratories Inc. (72)Name of Inventor : 1)Cobley Christopher James 2)Noonan Gary
<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	3)Clarke Matthew Lee

(57) Abstract :

Methods of producing the compounds of formula (22) and (23) or enantiomers thereof comprising hydroformylation of compounds of the formula (21) or their enantiomers: using Kelliphite as chiral ligand wherein R is -H or an amine-protecting group.

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

(22) Date of filing of Application :10/02/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : POLYMER AND METHOD FOR USING THE SAME

(57) Abstract :

(19) INDIA

The invention relates to a polymer derived from: reaction of glycidyl (meth)acrylate allyl glycidyl ether or [(vinyloxy)methyl]oxirane with ammonia or primary amine to obtain a mixture of monomer compounds; reaction of the mixture of monomer compounds with at least one of acrylic acid vinyl alcohol vinyl acetate acrylamide methylacrylic acid and methylacrylamide to obtain an intermediate polymer; and reaction of the intermediate polymer with a dithiocarbamic acid salt. Methods for using the polymer are also described herein.

No. of Pages : 63 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :05/02/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : SECURITY KEY ACTIVATION METHOD ACCESS NETWORK NODE USER EQUIPMENT AND 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</li> <li>Filing Date</li> <li>(87) International Publication No</li> <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> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>SNA</li> </ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant :Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China</li> <li>(72)Name of Inventor :</li> <li>1)CHEN Xinyi</li> <li>2)ZHANG Dongmei</li> <li>3)ZHANG Lijia</li> </ul>
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#### (57) Abstract :

Disclosed in an embodiment of the present invention are a new security key activation method access network node user equipment and UL boosting system when a UMTS and LTE aggregation system is switched to a UMTS single system. The method comprises the following steps: receiving a first downlink key activation time parameter sent by an RNC and synchronizing the self downlink key activation time with the time represented by the first downlink key activation time parameter according to the first downlink key activation time parameter; activating a new security key according to the first downlink key activation time parameter; and/or obtaining a self second uplink key activation time parameter and transmitting the second uplink key activation time parameter to the RNC so as to enable the RNC to synchronize the self uplink key activation time with the time represented by the second uplink key activation time parameter; and activating the new security key according to the second uplink key activation time parameter.

No. of Pages : 47 No. of Claims : 33

(19) INDIA

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

(43) Publication Date : 10/04/2015

#### (51) International classification :C07D401/04,A01N43/56 (71)Name of Applicant : (31) Priority Document No :61/522721 1)BASF SE (32) Priority Date Address of Applicant :67056 Ludwigshafen Germany :12/08/2011 (72)Name of Inventor : (33) Name of priority country :U.S.A. (86) International Application No 1)KAISER Florian :PCT/EP2012/065650 2)K-RBER Karsten Filing Date :10/08/2012 (87) International Publication No :WO 2013/024009 **3)DESHMUKH Prashant** (61) Patent of Addition to Application 4)CULBERTSON Deborah L. :NA Number **5)NEESE Paul** :NA Filing Date 6)GUNJIMA Koshi (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : N THIO ANTHRANILAMIDE COMPOUNDS AND THEIR USE AS PESTICIDES

(57) Abstract :

The present invention relates to N thio anthranilamide compounds of the formula (I) the stereoisomers the salts the tautomers and the N oxides thereof wherein R is halogen or halomethyl; R is hydrogen halogen or cyano; R is hydrogen C C alkyl C C haloalkyl C C alkenyl or the like; R is halogen; R and R independently of each other are optionally substituted C C alkyl C C cycloalkyl C C alkenyl C C alkenyl phenyl or together represent an (hetero)aliphatic chain or the like; k is 0 or 1. The present invention further relates to a method for combating or controlling invertebrate pests to a method for protecting plant propagation material and/or the plants which grow therefrom to plant propagation material comprising at least one compound according to the present invention to a method for treating infested or infected animals and/or for protecting animals against infestation or infection by parasites and to a compound according to the invention for use as a medicament.

No. of Pages : 93 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :09/10/2013

(43) Publication Date : 10/04/2015

### (54) Title of the invention : A DISPENSER FOR MULTI COMPONENT STORING, MIXING AND DISPENSING

(51) International classification	:B65D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. YEDIDA VENKATA SURYA JAGANNATH
(32) Priority Date	:NA	Address of Applicant :#502 ROHINI APTS, NEAR SBI,
(33) Name of priority country	:NA	SRINAGAR COLONY ROAD, HYDERABAD - 500 073 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)YEDIDA VENKATA SURYA JAGANNATH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A dispenser for multi component storing, mixing and dispensing medicaments comprising of a first vessel being an integral hollow cylinder including preformed external grooves with closed bottom surface and open top surface, a second vessel being an integral hollow cylinder with an internal diameter greater than the external diameter of the first vessel and encompassed by an open top surface, a closed bottom surface and a cylindrical sidewall which is able to intercommunicate with the first vessel, a plug having mating grooves on the internal surface and planar on the external surface, is sandwiched between the external grooves of the first vessel whose external diameter is more than the internal diameter of the plug and less than the internal diameter of the second vessel preventing any contamination / mixing of the medicaments placed inside the first and second vessels; wherein first vessel is placed upside down into the second vessel from top such that the bottom of the first vessel remains protruded from the open top surface of the second vessel.

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

(19) INDIA

(22) Date of filing of Application :09/10/2013

(43) Publication Date : 10/04/2015

3)ANNEPU, Tirumala Surya

#### (54) Title of the invention : METHOD AND APPARATUS FOR EFFICIENTLY PROCESSING STORAGE COMMANDS (51) International classification :G06F (71)Name of Applicant : (31) Priority Document No 1)SAMSUNG R&D INSTITUTE INDIA BANGALORE :NA (32) Priority Date :NA PRIVATE LIMITED (33) Name of priority country Address of Applicant :# 2870, ORION Building, Bagmane :NA (86) International Application No Constellation Business Park, Outer Ring Road, Doddanakundi :NA Filing Date :NA Circle, Marathahalli Post, Bangalore-560 037 Karnataka India (87) International Publication No (72)Name of Inventor: : NA (61) Patent of Addition to Application Number :NA 1)KONDA, Sreenath Reddy Filing Date :NA 2)KRISHNAN, Rajesh

:NA

:NA

(57) Abstract :

Filing Date

The present invention provides a method and system for efficiently processing storage commands. In one embodiment, a host device generates and sends a storage command indicating rate of repetition and number of commands to be executed. The storage device determines whether the storage command is to be repeatedly processed based on the rate of repetition indicated in the received storage command. If the storage command is to be repeatedly processed, then the storage device repeats the storage command after a predetermined time interval for a pre-defined number of times and processes the storage command. The storage device sends a response based on execution of the storage command.

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

(62) Divisional to Application Number

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

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : SUBSTITUTED (E) N (1 PHENYLETHYLIDENE) BENZOHYDRAZIDE ANALOGS AS HISTONE DEMETHYLASE INHIITORS

(31) Priority Document No :61/523801Add(32) Priority Date:15/08/2011City UT(33) Name of priority country:U.S.A.(72)Nat(86) International Application No Filing Date:PCT/US2012/050948 :15/08/20123)WA(87) International · WO 2013/025805:SEL	<ul> <li><b>UNIVERSITY OF UTAH RESEARCH FOUNDATION</b> Address of Applicant :615 Arapeen Drive Suite 310 Salt Lake y UT 84108 U.S.A.</li> <li><b>Name of Inventor :</b></li> <li><b>VANKAYALAPATI Hariprasad</b></li> <li><b>SORNA Venkataswamy</b></li> <li><b>WARNER Steve L.</b></li> <li><b>BEARSS David J.</b></li> <li><b>SHARMA Sunil</b></li> <li><b>STEPHENS Bret</b></li> </ul>
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(57) Abstract :

In one aspect the invention relates to substituted (E) N (1 phenylethylidene)benzohydrazide analogs derivatives thereof and related compounds which are useful as inhibitors of lysine specific histone demethylase including LSD1; synthetic methods for making the compounds; pharmaceutical compositions comprising the compounds; and methods of using the compounds and compositions to treat disorders associated with dysfunction of the LSD1. This abstract is intended as a scanning tool for purposes of searching in the particular art and is not intended to be limiting of the present invention.

No. of Pages : 137 No. of Claims : 17

(22) Date of filing of Application :03/10/2013

#### (54) Title of the invention : A METHOD AND SYSTEM FOR USER EQUIPMENT (UE) BEHAVIOR IN MANUAL CSG SELECTION MODE

		(71)Name of Applicant :
(51) International classification	:H04W48/00	
(31) Priority Document No	:NA	Address of Applicant :Bagmane Lakeview, Block B, No. 66/1,
(32) Priority Date	:NA	Bagmane Tech Park, CV Raman Nagar, Byrasandra, Bangalore
(33) Name of priority country	:NA	Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Pavan Kumar Devarayanigari
(87) International Publication No	: NA	2)Dandra Prasad Basavaraj
(61) Patent of Addition to Application Number	:NA	3)Nitesh Pushpak Shah
Filing Date	:NA	4)Vijay Ganesh Surisetty
(62) Divisional to Application Number	:NA	5)Srinivas Chinthalapudi
Filing Date	:NA	6)Prakash Rao
		7)Jaya Prakash

### (57) Abstract :

A method and system for enabling a User Equipment (UE) to quickly recover back to normal service on failure of registration attempt to a selected Closed Subscriber Group (CSG) cell or loss of coverage of the selected CSG cell is provided. The method provides a UE behavior during manual CSG selection mode when the selected CSG cell is associated with a different Public Land Mobile Network (PLMN) than the Registered PLMN (RPLMN) of the UE. The method also defines the UE actions to handle a user request to change a current Public Land Mobile Network (PLMN) selection mode and handle expiry of a Home PLMN (HPLMN) timer in the UE, when the UE is attached to the selected CSG cell in the manual CSG selection mode.

No. of Pages : 56 No. of Claims : 25

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

#### (54) Title of the invention : ANTHRANILAMIDE COMPOUNDS AND THEIR USE AS PESTICIDES

<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 t Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07D213/60,C07D213/61,C07D239/28 :61/522731 :12/08/2011 :U.S.A. :PCT/EP2012/065646 :10/08/2012 :WO 2013/024005 <sup>o</sup> :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BASF SE Address of Applicant :67056 Ludwigshafen Germany</li> <li>(72)Name of Inventor :</li> <li>1)KAISER Florian</li> <li>2)DESHMUKH Prashant</li> <li>3)K-RBER Karsten</li> <li>4)VON DEYN Wolfgang</li> <li>5)KORDES Markus</li> <li>6)DICKHAUT Joachim</li> <li>7)NARINE Arun</li> <li>8)BANDUR Nina Gertrud</li> <li>9)VEITCH Gemma</li> <li>10)CULBERTSON Deborah L.</li> <li>11)NEESE Paul</li> <li>12)GUNJIMA Koshi</li> </ul>
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(57) Abstract :

The present invention relates to anthranilamide compounds and the stereoisomers salts tautomers and N oxides thereof and to compositions comprising the same. The invention also relates to the use of the anthranilamide compounds or of the compositions comprising such compounds for combating invertebrate pests. Furthermore the invention relates to methods of applying such compounds.

No. of Pages : 118 No. of Claims : 41

### (22) Date of filing of Application :05/02/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : METHOD AND DEVICE FOR PROVIDING RECOMMENDATION PANEL, AND METHOD AND SERVER FOR PROVIDING RECOMMENDATION ITEM

(51) International classification:G06F(31) Priority Document No0014652(32) Priority Date:08/02/2(33) Name of priority country:Republ(36) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(61) Patent of Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NA	Address of Applicant :129, Samsung-ro, Yeongtong-gu, 013 Suwon-si, Gyeonggi-do 443-742, Republic of Korea ic (72)Name of Inventor :
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#### (57) Abstract :

A method and device which provide a recommendation to a user based on the type of device are provided. The device includes: a user input which is configured to receive a user touch input, a communicator which is configured to transmit a recommendation item request including identification information of the device to a server in response to the user touch input and receive at least one recommendation item selected based on the identification information of the device from the server; a display which is configured to control the receive at least one recommendation item; and a controller which is configured to control the at least one recommendation item and control the display to display the recommendation panel.

No. of Pages : 94 No. of Claims : 15

#### (21) Application No.654/CHE/2014 A

#### (19) INDIA

(22) Date of filing of Application :12/02/2014

(43) Publication Date : 10/04/2015

(34) The of the invention . SCROLL COMPRE	2550K	
(51) International classification	:H01J	(71)Name of Applicant :
(31) Priority Document No	:201310051758.3	1)YUJIN MACHINERY LTD.
(32) Priority Date	:17/01/2013	Address of Applicant :242, Sandan-ro, Danwon-gu, Ansan-si,
(33) Name of priority country	:China	Gyeonggi-do, Republic of Korea.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LEE, Jae Young
(87) International Publication No	: NA	2)SUNG, Ha-Eon
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : SCROLL COMPRESSOR

(57) Abstract :

The present invention provides a scroll compressor which includes a housing, a stationary scroll including a stationary wrap, an orbiting scroll having an orbiting wrap, a receiving portion formed in the housing, a self-rotation preventing eccentric shaft installed in the receiving portion with a bearing interposed therebetween, a self-rotation preventing mechanism including a stopper formed in the housing to support the front of the bearing, and a bearing tube fixed to the housing to support a drive shaft, the scroll compressor including: an annular groove formed in the stationary groove or in the orbiting scroll; a dust seal fitted in the annular groove and having first and second ends at both ends; and a stationary block including a first support member and first and second elastic members which extend from the first support member and face the first and second ends, the stationary block being fitted in the annular groove.

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

(19) INDIA

(22) Date of filing of Application :09/10/2013

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : ADAPTIVE CLOCK MANAGEMENT IN EMULATION

<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	<ul> <li>(71)Name of Applicant :</li> <li>1)MENTOR GRAPHICS CORPORATION <ul> <li>Address of Applicant :8005 S.W. BOECKMAN ROAD,</li> <li>WILSONVILLE, OREGON 97070-7777 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)KRISHNAMURTHY SURESH</li> <li>2)SATISH KUMAP ACAPWAL</li> </ul> </li> </ul>
<ul> <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>	: NA :NA :NA :NA :NA	2)SATISH KUMAR AGARWAL 3)AMIT JAIN 4)SANJAY GUPTA 5)CHARLES W. SELVIDGE

#### (57) Abstract :

Aspects of the invention relate to techniques for adaptive clock management in emulation. A clock suspension request signal, indicating when a suspension of design clock signals in an emulator is needed, is generated based on activity status information of the emulator with one or more emulator resources such as software environment. A clock suspension allowance signal, indicating whether a suspension of design clock signals is permitted considering dynamic targets in the emulator, is generated based on slack information related to one or more clock signals associated with one or more dynamic targets of the emulator. Based on the clock suspension request signal and the clock suspension allowance signal, a clock suspension signal is generated for enabling temporary design clock suspensions.

No. of Pages : 29 No. of Claims : 27

(22) Date of filing of Application :10/02/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING RESOURCES OF A PORTABLE COMPUTING DEVICE

(51) International classification	:G06F9/445	(71)Name of Applicant :
(31) Priority Document No	:61/530770	1)QUALCOMM INCORPORATED
(32) Priority Date	:02/09/2011	Address of Applicant : Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 U.S.A.
(86) International Application No	:PCT/US2012/050947	(72)Name of Inventor :
Filing Date	:15/08/2012	1)GARGASH Norman S.
(87) International Publication No	:WO 2013/032711	2)VIJAYARAJAN Vinod
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A method and system for managing resources of a portable computing device is disclosed. The method includes receiving node structure data for forming a node in which the node structure data includes a unique name assigned to each resource of the node. A node has at least one resource and it may have multiple resources. Each resource may be a hardware or software element. The system includes a framework manger which handles the communications between existing nodes within a node architecture. The framework manager also logs activity of each resource by using its unique name. The framework manager may send this logged activity to an output device such as a printer or a display screen. The method and system may help reduce or eliminate a need for customized APIs when a new hardware or software element (or both) are added to a portable computing device.

No. of Pages : 73 No. of Claims : 40

(22) Date of filing of Application :13/02/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : OVEN AND APPARATUS FOR HOLDING A FOOD ITEM IN AN OVEN CAVITY

<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> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)DUKE MANUFACTURING CO. Address of Applicant :2305 North Broadway St. Louis Missouri 63102 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)REESE Robert J.</li> </ul>
No Filing Date	:PCT/US2012/048861 :30/07/2012	2)GREEN Christopher Seay 3)MACY Ralph Lee
(87) International Publication No	:WO 2013/019734	4)SHEI Steven M. 5)TIBERIO Philip
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A system includes an oven and a an apparatus configured for holding at least one food item and being inserted in a cavity of the oven through an open end of the cavity. A baffle provided on the oven or apparatus has a height extending between the peripheral rim and an upper wall of the oven cavity for restricting flow of gas out of the cavity from the apparatus. Various forms of baffles may be used. The baffles may have adjustable interchangeable fixed position or other configurations.

No. of Pages : 79 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :04/10/2013

(43) Publication Date : 10/04/2015

(54) Title of the invention : PROCESS FOR RGORAFENIB	
(51) International classification:C07(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	<ul> <li>(71)Name of Applicant :         <ol> <li>(71)Name of Applicant :                 <ol> <li>(71)Name of Applicant : HETERO RESEARCH FOUNDATION</li></ol></li></ol></li></ul>

(57) Abstract :

The present invention provides a crystalline solid of 4-(4-amino-3-fluorophenoxy)-N-methylpicolinamide and process for its preparation. The present invention also provides a crystalline solid of ragorafenib tosylate and process for its preparation. The present invention further provides a novel process for the preparation of ragorafenib Polymorph I.

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

(22) Date of filing of Application :09/10/2013

(43) Publication Date : 10/04/2015

#### (51) International classification :B60K15/00 (71)Name of Applicant : (31) Priority Document No 1)ILLINOIS TOOL WORKS INC. :NA (32) Priority Date Address of Applicant :3600 WEST LAKE AVENUS. :NA GLENVIEW, ILLINOIS 60026-1215 U.S.A. (33) Name of priority country :NA (86) International Application No (72)Name of Inventor : :NA 1)RAVINDRA S DESAI Filing Date :NA (87) International Publication No : NA 2)SHRIRAM M JOSHI (61) Patent of Addition to Application Number :NA **3)BHEEMAPPA G BIJAPUR** Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

### (54) Title of the invention : A FUEL FILLER ASSEMBLY FOR A VEHICLE

(57) Abstract :

The present invention provides a fuel filler assembly for a vehicle. According to one aspect of the present invention, which achieves the above object, relates to a fuel filler assembly for a vehicle. The fuel filler assembly comprises a housing adopted to connect to the vehicle and having a fuel pipe opening. The fuel filler assembly comprises a hinge arm attached to the housing which is capable of closing and opening the fuel filler assembly. A claw plunger is attached to the housing which is capable of locking the hinge arm with the housing or unlocking the hinge arm from the housing. The fuel filler assembly comprises a seal placed on the housing around the periphery of the claw plunger wherein the seal provides air tight budding with the hinge arm and the housing around the claw plunger when the hinge arm locks with the claw plunger. According to another aspect of the present invention which achieves the above object relates to a fuel filler assembly for a vehicle. The fuel filler assembly comprises a housing adopted to connect to the vehicle and having a fuel pipe opening. The fuel filler assembly comprises a claw plunger attached to the housing which has a locking head protruding through the housing. The fuel filler assembly comprises a bellow sealed between the locking head of the claw plunger and the housing surface wherein the bellow is intact between the locking head of the claw plunger and the claw plunger is air tight with the base of the housing.

No. of Pages : 21 No. of Claims : 16

#### (19) INDIA

(22) Date of filing of Application :11/02/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : JOINT MECHANISM	I AND ROBOT	
(51) International classification	:B25J	(71)Name of Applicant :
(31) Priority Document No	:2013-	1)KABUSHIKI KAISHA YASKAWA DENKI
(51) Thomy Document No	024957	Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(32) Priority Date	:12/02/2013	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-
(33) Name of priority country	:Japan	0004 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KENTARO TANAKA
(87) International Publication No	: NA	2)ATSUSHI ICHIBANGASE
(61) Patent of Addition to Application Number	:NA	3)HIROSHI SAITO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A joint mechanism includes a first unit and a second unit. The first unit has a motor unit and a speed reducer which are coaxially arranged on a hollow first shaft. The second unit has a brake unit and an encoder unit which are coaxially arranged on a second shaft separated from the first shaft. Further, the joint mechanism includes a power delivery unit configured to interconnect the first unit and the second unit.

No. of Pages : 27 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :05/02/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : COPPER ALLOY MATERIAL FOR CONTINUOUS CASTING MOLD AND PROCESS FOR PRODUCING 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C22C9/00,C22F1/08 :1020110080180 :11/08/2011 :Republic of Korea :PCT/KR2011/007254 :30/09/2011 :WO 2013/022144 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)POONGSAN CORPORATION <ul> <li>Address of Applicant :680 1 Naegi ri Poseung eup Pyeongtaek</li> <li>si Gyeonggi do 451 821 Republic of Korea</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)KIM In Dal</li> <li>2)LEE Dong Woo</li> <li>3)KIM Dae Hyun</li> <li>4)JEON Bo Min</li> </ul> </li> </ul>
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(57) Abstract :

The present invention relates to a copper alloy material for continuous casting mold and a process for producing the same. In more detail the present invention relates to a copper alloy material for continuous casting mold which consists of 0.05 wt% to 0.6 wt% of Cr 0.01 wt% to 0.5 wt% of Ag 0.005 wt% to 0.10 wt% of P and a balance of Cu and unavoidable impurities; and a process for producing the same. The copper alloy material can further include less than 0.1 wt% of at least one of elements selected from a group consisting of Sn Ti Mg Mn Fe Co Al Si Mo Zr and W.

No. of Pages : 18 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :11/02/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : METHODS AND APPARATUS FOR ADAPTIVE PAGING IN PEER TO PEER NETWORKS

Eiling Data MA	<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Eiling Date</li> </ul>	<ul> <li>(71)Name of Applicant :</li> <li>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)PATIL Shailesh 2)WANG Hua 3)WU Xinzhou 4)LI Junyi 5)RICHARDSON Thomas J.</li></ul>
Filing Date :NA	11	

(57) Abstract :

A method a computer program product and an apparatus are provided. The apparatus determines paging resources of a plurality of paging resources allocated for listening to paging messages. In addition the apparatus transmits information indicating the allocated paging resources in a peer discovery signal. The apparatus may determine the paging resources on which to listen based on information received in peer discovery signals received from other wireless devices. The received information indicates the paging resources allocated to the other wireless devices.

No. of Pages : 33 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION	
(19) INDIA	

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

(43) Publication Date : 10/04/2015

(54) Title of the invention : SELF-DEFENSE RING	G	
<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:F41H9/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SANTHOSH KUMAR KANAPARTHI Address of Applicant :# 2-10-1636/1 (NEW),</li> <li>CHAITANYAPURI, KARIMNAGAR, PIN - 505 001 Andhra Pradesh India</li> <li>(72)Name of Inventor :</li> <li>1)SANTHOSH KUMAR KANAPARTHI</li> </ul>

(57) Abstract :

Exemplary embodiment of the present disclosure is directed towards a self-defense ring. The ring includes an injecting member coupled to a handle which can be moved through the slidable track present on the ring. The injecting member are also coupled with a canister for storing aversive fluid and further the stored aversive fluid is used for injecting in an assailants body through the injecting member by applying pressure. The injecting member is actuated by sliding the handle through the slidable track.

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

#### (19) INDIA

(22) Date of filing of Application :30/12/2013

#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : DUAL-DRIVE HUB DEVICE :B62M (71)Name of Applicant : 1)CHIN HAUR INDUSTRY CO., LTD. (51) International classification 11/00, B62K 3/00 Address of Applicant :NO. 85, CHIANG SHAN RD., :102136311 DALIAO DIST., KAOHSIUNG CITY Taiwan (31) Priority Document No (32) Priority Date :08/10/2013 (72)Name of Inventor : (33) Name of priority country :Taiwan 1)LIN, KING-CHEN (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract :

A dual-drive hub device is mounted on a rear wheel (10) of a bicycle and has a hub (20), a main shaft (25) mounted through the hub (20), and two rear pedals (28) connected to the main shaft (25). At least one one-way bearing (251) is tightly fitted between the hub (20) and the main shaft (25). A rear transmission wheel (30) of a transmission system of the bicycle is mounted around the hub (20). When two front pedals (34) of the bicycle are pedaled, the hub (20) and the rear wheel (10) rotate accordingly. When the rear pedals (28) are pedaled, the main shaft (25), the hub (20) and the rear wheel (10) rotate accordingly. Thus, a rider and a passenger can pedal the front pedals (34) and the rear pedals (28) simultaneously and enjoy ease of bicycle pooling.

No. of Pages : 22 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :05/02/2014

(43) Publication Date : 10/04/2015

<ul> <li>(71)Name of Applicant :</li> <li>(25152 1)QUALCOMM INCORPORATED</li> </ul>
25152 1)OUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration
A. 5775 Morehouse Drive San Diego California 92121 U.S.A.
/US2012/050815 (72)Name of Inventor :
3/2012 1)GARGASH Norman S.
2013/032694 2)ZHOU Yizheng
3)VIJAYARAJAN Vinod
A /( 3/

(54) Title of the invention : DISTRIBUTED RESOURCE MANAGEMENT IN A PORTABLE COMPUTING DEVICE

(57) Abstract :

In a portable computing device having a node based resource architecture a first or distributed node controlled by a first processor but corresponding to a second or native node controlled by a second processor is used to indirectly access a resource of the second node. In a resource graph defining the architecture each node represents an encapsulation of functionality of one or more resources each edge represents a client request and adjacent nodes represent resource dependencies. Resources defined by a first graph are controlled by the first processor but not the second processor while resources defined by a second graph are controlled by the second processor but not the first processor. A client request on the first node may be received from a client under control of the first processor. Then a client request may be issued on the second node in response to the client request on the first node.

No. of Pages : 62 No. of Claims : 28

## (19) INDIA

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : MINIMIZATION OF TORQUE RIPPLE

<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</li> <li>Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:PCT/US2012/051131 :16/08/2012	<ul> <li>(71)Name of Applicant : <ol> <li>NUCLEUS SCIENTIFIC INC.</li> <li>Address of Applicant :6 Oakdale Lane Lincoln MA 01773</li> </ol> </li> <li>U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>HUNTER Ian W.</li> </ol> </li> <li>2)LAFONTAINE Serge</li> <li>FOFONOFF Timothy A.</li> </ul>
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

An electric motor including: a first and second linear actuator each linear actuator including a first and second coil respectively a rotational shaft a cam assembly mounted on the rotational shaft for translating linear movement of the two linear actuators to rotational movement of the rotational shaft a controller programmed to generate during operation a first and second drive signal for first coil and second coil respectively wherein the first drive signal causes the first linear actuator to generate a first torque on the rotational shaft that varies periodically over a complete rotation of the shaft and the second drive signal causes the second linear actuator to generate a second torque on the rotational shaft that varies periodically over a complete rotation of the shaft and wherein the sum of the first and second torques produces a total torque that is substantially constant throughout the complete rotation of the shaft.

No. of Pages : 37 No. of Claims : 14

(22) Date of filing of Application :10/02/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : SYSTEM AND METHOD FOR DETECTING MOTION IN COMPRESSED VIDEO

<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>	:G06C :13/772,012 :20/02/2013 :U.S.A.	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date (87) International Publication No	:NA : NA	1)YADHUNANDAN US 2)GURUMURTHY SWAMINATHAN
(61) Patent of Addition to Application Number	:NA	3)KWONG WING AU
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

A method and apparatus wherein the method includes the steps of parsing a stream of compressed video, obtaining macroblock size information from the parsed stream, computing factors derived from the macroblock size, wherein the factors include a normalized bit size, a bit size ratio and a neighbor score, computing corresponding adaptive threshold values derived from the relative frame characteristics of the compressed video, comparing the factors derived from the macroblock size information with the corresponding adaptive threshold values and detecting motion based upon combinations of the comparisons when the factors exceed the threshold value.

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

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

(43) Publication Date : 10/04/2015

### (54) Title of the invention : DEVELOPER STORING UNIT PROCESS CARTRIDGE AND ELECTROPHOTOGRAPHIC IMAGE FORMATION DEVICE

nternational classification	:G03G15/08	(71)Name of Applicant :
Priority Document No	:2011155833	1)CANON KABUSHIKI KAISHA
Priority Date	:14/07/2011	Address of Applicant :30 2 Shimomaruko 3 chome Ohta ku
Name of priority country	:Japan	Tokyo 1468501 Japan
nternational Application No	:PCT/JP2012/068536	(72)Name of Inventor :
Filing Date	:13/07/2012	1)MATSUZAKI Hiroomi
nternational Publication No	:WO 2013/008957	2)MATSUSHITA Masaaki
Patent of Addition to Application	•NT A	3)FUJISAKI Tatsuo
ber		4)FURUTANI Masaki
Filing Date	.INA	5)UESUGI Tetsuo
Divisional to Application Number	:NA	6)YASUI Kojiro
Filing Date	:NA	7)MATSUNAGA Tomonori
Name of priority country nternational Application No Filing Date nternational Publication No Patent of Addition to Application per Filing Date Divisional to Application Number	:Japan :PCT/JP2012/068536 :13/07/2012 :WO 2013/008957 :NA :NA :NA	Tokyo 1468501 Japan (72)Name of Inventor : 1)MATSUZAKI Hiroomi 2)MATSUSHITA Masaaki 3)FUJISAKI Tatsuo 4)FURUTANI Masaki 5)UESUGI Tetsuo 6)YASUI Kojiro

(57) Abstract :

A developer storing unit for storing a developer used in image formation the developer storing unit being provided with: a flexible container having an opening (35a) for discharging the developer; a frame for storing the flexible container and for storing the developer discharged from the flexible container; and a pressing member (21) for pressing a developer storing bag (16) to the frame storing the developer storing bag. As a consequence it is possible to efficiently discharge the developer from the flexible developer storing bag (16).

No. of Pages : 158 No. of Claims : 16

(19) INDIA

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

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : IDENTIFICATION DEVICE AND METHOD FOR MANUFACTURING THEREOF (51) International classification :A01K11/00 (71)Name of Applicant : (31) Priority Document No 1)ALLFLEX EUROPE SAS :2004/0518 (32) Priority Date Address of Applicant :ZI DE PLAGUE ROUTE DES, EAUX, :25/10/2004 (33) Name of priority country :Belgium CEDEX 3550 France (86) International Application No :PCT/BE2005/00148 (72)Name of Inventor : **1)VAN WIJK, ANTOON** Filing Date :20/10/2005 (87) International Publication No : NA 2) VERLINDEN, BART, LOUIS, MARIA (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :2252/CHENP/2007 Filed on :20/10/2005

(57) Abstract :

Device for identifying articles such as animals, comprising a male part (5) and a female part (1), which male part comprises an arrowshaped element and which female part is provided with a passage (2) with a front end (3) and a rear end (4), wherein the arrow-shaped element can be inserted into the passage along the front end, wherein the passage is provided close to the front end with at least one protruding element (8, 8, 8), and wherein the passage is partly closed close to the rear end by a closing part (9), wherein the partly closed passage, including the protruding element, are manufactured integrally from a hard material; method for manufacturing such a device.

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

(22) Date of filing of Application :10/02/2014

(43) Publication Date : 10/04/2015

#### MASTER UNIT MAY MOVE TO A SLEEP MODE WITH A SLAVE UNIT TAKING OVER AS MASTER (51) International classification :H05B37/02 (71)Name of Applicant : (31) Priority Document No 1)KONINKLIJKE PHILIPS N.V. :61/526396 (32) Priority Date Address of Applicant : High Tech Campus 5 NL 5656 AE :23/08/2011 (33) Name of priority country Eindhoven Netherlands :U.S.A. (86) International Application No :PCT/IB2012/054193 (72)Name of Inventor : Filing Date :17/08/2012 1)SREEDHARAN NAIR Biju Kumar (87) International Publication No :WO 2013/027163 2)PASVEER Willem Franke (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : LIGHTING SYSTEM COMPRISING A MASTER UNIT AND SLAVE UNITS WHEREIN THE

## (57) Abstract :

The invention relates to a system comprising a main electrical unit (2) and a peripheral electrical unit (3 4 5) wherein the main electrical unit and the peripheral electrical unit are switchable between a low power mode and a high power mode. The main electrical unit is adapted to hand over a control of the system to the peripheral electrical unit if the peripheral electrical unit is in the high power mode and to switch from the high power mode to the low power mode after the control has been handed over. The peripheral electrical unit is adapted to receive the control from the main electrical unit and to control the system if the peripheral electrical unit is in the high power mode. This allows the system to be still in operation mode although the main electrical unit has been switched to the low power mode thereby reducing the power consumption of the system.

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

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 10/04/2015

## (54) Title of the invention : METHOD AND SYSTEM FOR CUSTOMIZING MULTIMEDIA ATTACHMENTS IN ELECTRONIC MAILS THROUGH WEB BROWSER EXTENSIONS

(51) International classification	:H04N21/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG ELECTRONICS COMPANY
(32) Priority Date	:NA	Address of Applicant :416 MAETAN-DONG,
(33) Name of priority country	:NA	YEONGTONG-GU, SUWON-SI, GYEONGGI-DO 442-742
(86) International Application No	:NA	Republic of Korea
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MANISH CHHABRA
(61) Patent of Addition to Application Number	:NA	2)MONIL PARMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for customizing multimedia attachment in an electronic mail is provided. The method includes downloading the multimedia attachment in a temporary location. Further, the method includes customizing the multimedia attachment in the temporary location by using a web browser extension. Furthermore, the method includes replacing the multimedia attachment with the customized multimedia attachment in the electronic mail

No. of Pages : 50 No. of Claims : 18

## (19) INDIA

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 10/04/2015

## (54) Title of the invention : METHOD AND SYSTEM FOR DIGITAL RIGHT MANGEMENT OF DIGITAL CONTENTS

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G06F21/00 :NA :NA :NA :NA :NA : NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Whitebox Computer Services Pvt Ltd Address of Applicant :110, Near 7th Cross, Railway Parallel Road, Kumarapark West, Bangalore - 560020 Karnataka India</li> <li>(72)Name of Inventor :</li> <li>1)Mr. Sanjay L Raman</li> <li>2)Mr. Kishore Kumar K.S</li> </ul>
(61) Patent of Addition to Application Number	:NA	2).vii. Kishore Kumai K.s
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract :

A method and system for digital right management of digital contents is provided. Accordingly, the method comprises allowing a user to login into a system platform with login credential using a user device, generating a user token and issuing the user token to the user, generating an unique device token for the user device and issuing the device token to the user device, generating a digital content token associated with the digital content and delivering the digital content token to the user device, storing the digital content token in an arbitrary folder of the user device, verifying the user token, device token, and digital content token for the digital content, based on matches, allowing the user to access and read the digital content from the user device. In an embodiment, the folder location of digital content token is changed and/or updated when the user access the digital contents.

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

(19) INDIA

(22) Date of filing of Application :11/02/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : REMOVAL OF SELECTED PORTIONS OF PROTECTIVE COATINGS FROM SUBSTRATES		
(51) International classification	:B05D5/12	(71)Name of Applicant :
(31) Priority Document No	:61/750,254	1)HZO, INC
(32) Priority Date	:08/01/2013	Address of Applicant :12637 SOUTH 265 WEST, SUITE 300
(33) Name of priority country	:U.S.A.	DRAPER, UTAH 84020 U.S.A.
(86) International Application No	:PCT/US2014/010510	(72)Name of Inventor :
Filing Date	:07/01/2014	1)ASTLE, David James
(87) International Publication No	:WO/2014/110039	2)CHILD, TYLER CHRISTENSEN
(61) Patent of Addition to Application	:NA	3)KASAGANI, VIMAL KUMAR
Number	:NA	4)LOOSE, CAMERON LAMAR
Filing Date	.1171	5)STEVENS, BLAKE LEROY
(62) Divisional to Application Number	:NA	6)SORENSON, MAX ERNEST
Filing Date	:NA	

(57) Abstract :

A method for selectively removing portions of a protective coating from a substrate, such as an electronic device, includes removing portions of the protective coating from the substrate. The removal process may include cutting the protective coating at specific locations, then removing desired portions of the protective coating from the substrate, or it may include ablating the portions of the protective coating and removal systems are also disclosed.

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

## (19) INDIA

(22) Date of filing of Application :09/10/2013

(43) Publication Date : 10/04/2015

## (54) Title of the invention : SOLAR RADIATION DAILY TRACKER (S.R. DAILY TRACKER)

<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	<ul> <li>(71)Name of Applicant :</li> <li>1)B. SHUANMUGARAJAN</li> <li>Address of Applicant :#1, SEVENTH STREET, PRABHU</li> <li>NAGAB, PERLIMBARKAM, CHENNAL, 600, 100, Tamil Nadu</li> </ul>
<ul><li>(33) Name of priority country</li><li>(86) International Application No Filing Date</li></ul>	:NA :NA :NA	NAGAR, PERUMBAKKAM, CHENNAI - 600 100 Tamil Nadu India (72) <b>Name of Inventor :</b>
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number Filing Date</li></ul>	: NA :NA :NA	1)B. SHUANMUGARAJAN
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract :

The Solar Radiation daily tracker enables the Photovoltaic panels to face Sun perpendicularly with only 2° correction and produces optimum cost effective electricity per unit area. The S.R. Daily Tracker(l) is tracking the sun on its annual latitudinal travel through equator, tropics of cancer and Capricorn and longitudinal daily East-west Travel. The Solar Panels(2) are mounted on the Panel base structure(3) and secured by fasteners(4) with the standing column. Adjusting the fasteners periodically by manual or mechanical means, we can track the latitudinal and longitudinal movement of Sun. The size of the column(5), Panel base structure(3), fasteners(4), and tilting base rod(6) fastener rods(7) connectors(8) pump-piston(9) pull&push rod(10) auxiliary vertical columns(ll), holed hand(13) adjuster hand sliding mechanism(15) teethed wheel(16) can be fabricated to suit easy manual handling with out using heavy equipments. This S.R. Daily Tracker is rugged and self sustaining and could be built at a much lower cost. They hold the panel for the panels entire life time. A

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

(21) Application No.1158/CHENP/2014 A

(19) INDIA(22) Date of filing of Application :13/02/2014

(43) Publication Date : 10/04/2015

<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>	:H04N13/04,H04N13/00 :TO2011A000653 :20/07/2011 :Italy :PCT/EP2012/064027	<ul> <li>(71)Name of Applicant :</li> <li>1)Institut f¼r Rundfunktechnik GmbH Address of Applicant :Floriansm¼hlstrae 60 D 80939 Germany</li> <li>(72)Name of Inventor :</li> </ul>
Filing Date (87) International Publication No	:17/07/2012 :WO 2013/011035	1)SCH,,FER Rainer 2)THO PESCH Peter
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

## (54) Title of the invention : DISPLAY APPARATUS FOR DISPLAYING 3D IMAGES

(57) Abstract :

Recent production methods for 3D video as a general rule generate stereo images in a same phase of movement. The left and right images of a stereo pair thus image the recorded (or rendered) scene at a same point of time. Correct reproduction consequently requires the two images to be shown concurrently. This is however not true for all apparatuses such as for example 3D television sets including the so called shutter technology which show the left and right images in temporal succession. This temporally offset reproduction of the two stereo images results in clearly perceivable image errors. The invention describes a method for compensating such image errors. This is achieved by interpolating the images of one of the channels.

No. of Pages : 18 No. of Claims : 3

(22) Date of filing of Application :01/10/2013

(43) Publication Date : 10/04/2015

## (54) Title of the invention : A SEED COATING COMPOSITION AND A PROCESS FOR ITS PREPARATION

<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>	:A01N63/00 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)INDIAN INSTITUTE OF SPICES RESEARCH Address of Applicant :P.B. NO. 1701, MARIKKUNNU POST, CALICUT 673 012 Kerala India</li> <li>(72)Name of Inventor :</li> </ul>
Filing Date	:NA	1)MUTHUSWAMY ANANDARAJ
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number</li></ul>	: NA :NA	2)YOGIYARKUNDIL BINI 3)KALLUPURACKAL JOHNY ANTONY
Filing Date	:NA :NA	5)KALLUFUKACKAL JOHNI ANIONI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a seed coating composition comprising at least one plant growth promoting rhizobacteria in a population of about 107 to about 109 colony forming units per gram of the total mass of the composition; at least one inert compound in an amount ranging from 30% to 50% of the total mass of the composition; and at least one binder in an amount ranging from 8% to 12% of the total mass of the composition. The present disclosure also relates to a process for the preparation of the seed coating composition. The present disclosure for a process for coating the seed and a coated seed obtained there from.

No. of Pages : 49 No. of Claims : 17

(22) Date of filing of Application :10/02/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : A METHOD AND A SYSTEM FOR ELECTRONIC TRANSECTION USING POINT OF SALES (POS) DEVICE AND A CONTACTLESS READER FOR MOBILE PHONE FOR ONLINE ELECTRONIC

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Eiling Date</li> </ul>	:13/07/2011 :WO 2013/008055 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)CITEX LLC Address of Applicant :1629 K Street #300 Washington DC 20006 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)ALI MIZANI Oskui</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract :

The various embodiments herein provide a Mobile Phone Contactless Reader (MCR) for reading a unique mobile subscriber identification number (UMSIN) associated with Subscriber Identity Module card of the mobile phone. The MCR includes a Central Processing Unit (CPU) a receiving unit for scanning communication waves on a Broadcast Control Channel (BCCH) broadcasted by a Base Transceiver Station a memory unit for storing and updating the continuously scanned communication waves. A frequency meter counts the scanned communication waves and measures frequency of proximal communication wave. Further a transmitting unit transmits one of the UMSIN to a transaction unit. The mobile station provides the UMSIN to the MCR. The announced UMSIN is transferred to one of a bank account and a Universal Mobile Money database through the transaction unit for online mobile transactions.

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

(19) INDIA

(22) Date of filing of Application :05/02/2014

(43) Publication Date : 10/04/2015

(51) International classification	:B65D	(71)Name of Applicant :
(31) Priority Document No	:2013- 095467	1)SUZUKI MOTOR CORPORATION Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:30/04/2013	Hamamatsu-shi, Shizuoka-ken, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)Naohiro OGUCHI
Filing Date	:NA	2)Junichi HOSHINO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (54) Title of the invention : PISTON FOR INTERNAL COMBUSTION ENGINE

(57) Abstract :

A piston for an internal combustion engine capable of reducing a sliding friction of the piston by lubrication oil, in the case where a load exerted in an axial direction of the piston is small. In a piston 7 of an engine 1, a skirt portion 13 has a central skirt portion 13A on which a central resin coating layer 21A is formed and in which a central portion in an axial direction O of a piston crown portion 9 has a maximum outer diameter, an upper skirt portion 13B on which an upper resin coating layer 21B is formed and in which an upper side than an upper boundary 13a of the central skirt portion 13A is curved such that an outer diameter becomes gradually smaller from the central skirt portion 13A toward the axial direction O, and a lower skirt portion 13C on which a lower resin coating layer 21C is formed and in which a lower side than a lower boundary 13b of the central skirt portion 13A is curved such that the outer diameter becomes gradually smaller from the central skirt portion 13A toward the axial direction 0, and a lower direction O, and the resin coating layer 21 is such that a surface of the central resin coating layer 21A is formed as a smooth surface, and concave portions 22 and 23 for retaining oil are formed on the upper resin coating layer 21B and the lower resin coating layer 21C.

No. of Pages : 27 No. of Claims : 5

(21) Application No.930/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :05/02/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : SYSTEM AND METHOD FOR IMPROVING CHANNEL EFFICIENCY IN A WIRELESS LINK (51) International classification :H04W40/00 (71)Name of Applicant : 1)QUALCOMM INCORPORATED (31) Priority Document No :13/219797 (32) Priority Date Address of Applicant : ATTN: International IP Administration :29/08/2011 (33) Name of priority country 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. :U.S.A. :PCT/US2011/055420 (72)Name of Inventor : (86) International Application No 1)CHO James S. Filing Date :07/10/2011 (87) International Publication No :WO 2013/032498 2)ZHAO Shiwei (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

## (57) Abstract :

System and method for improving channel efficiency in a wireless link between an access point transceiver and a first transceiver. The first transceiver may have a first data throughput rate that is lower than the maximum possible data throughput rate of the wireless link. The first transceiver may include a first receive buffer. An indication of the first data throughput rate and a size of the first receive buffer may be received and stored by the access point transceiver. A first size of a first data throughput rate and/or the first transceiver may be determined by the access point transceiver based on one or more of the first data throughput rate and/or the size of the first receive buffer. The first data packet of the first size may be transmitted to the first transceiver by the access point transceiver at a data rate that is higher than the first data throughput rate.

No. of Pages : 39 No. of Claims : 23

#### (12) PATENT APPLICATION PUBLICATION (21) Application No.562/CHE/2014 A (19) INDIA (22) Date of filing of Application :07/02/2014 (43) Publication Date : 10/04/2015 (54) Title of the invention : METHOD OF FABRICATING A SINGLE-PIECE MICROMECHANICAL COMPONENT INCLUDING AT LEAST TWO DISTINCT FUNCTIONAL LEVELS (51) International classification :G03F (71)Name of Applicant : (31) Priority Document No 1)NIVAROX-FAR S.A. :13155068.3 (32) Priority Date Address of Applicant : AVENUE DU COLLEGE 10, 2400 LE :13/02/2013 (33) Name of priority country LOCLE Switzerland :EPO (86) International Application No :NA (72)Name of Inventor : Filing Date :NA 1)FUSSINGER, ALEXANDRE (87) International Publication No : NA 2)STRANCZL, MARC (61) Patent of Addition to Application Number :NA

Method of fabricating a single-piece micromechanical component including at least two distinct functional levels The invention relates to a method (1) of fabricating a single-piece micromechanical component (31, 41, 61, 91) including at least two distinct functional

:NA

:NA

:NA

## levels. According to the invention, the method (1) includes a LIGA process on a single level combined with the machining of the

Filing Date

Filing Date

(57) Abstract :

LIGA deposition directly on the substrate (2).

(62) Divisional to Application Number

No. of Pages : 20 No. of Claims : 11

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 10/04/2015

## (54) Title of the invention : METHOD AND SYSTEM FOR COMMUNICATING BETWEEN RENDERED VIRTUAL OBJECTS USING MARKERLESS AUGMENTED REALITY FRAMEWORK

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G06T :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SAMSUNG ELECTRINICS COMPANY Address of Applicant :416 MAETAN-DONG,</li> <li>YEONGTONG-GU, SUWON-SI, GYEONGGI-DO 422-742 Republic of Korea</li> <li>(72)Name of Inventor :</li> <li>1)S. MUTHUKUMAR</li> <li>2)PANKAJ MISHRA</li> </ul>
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(57) Abstract :

A method and system for communicating rendered virtual objects using markerless reality framework is provided. The method includes capturing a real scene through a video camera device in a computing device. The method includes detecting one or more physical objects on the real scene. The method includes rendering a plurality of virtual objects at desired locations on the detected physical objects. The method includes communicating through commands between the rendered virtual objects. Further, the method includes performing actions responsive to interaction between the virtual objects

No. of Pages : 40 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :14/02/2014

### (43) Publication Date : 10/04/2015

<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> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> </ul> </li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	<ul> <li>B60G7/00,B60G21/05,B60G9/00</li> <li>2011 079 654.1</li> <li>22/07/2011</li> <li>Germany</li> <li>PCT/EP2012/062134</li> <li>22/06/2012</li> <li>WO/2013/013912</li> <li>NA</li> <li>NA</li> <li>NA</li> </ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)ZF FRIEDRICHSHAFEN AG Address of Applicant :88038 Friedrichshafen Germany</li> <li>(72)Name of Inventor :</li> <li>1)EISMANN Jens</li> <li>2)QUAING Matthias</li> <li>3)HELM Eike</li> <li>4)BUBLIES Holger</li> <li>5)GERCKE Matthias</li> </ul>
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### (57) Abstract :

The invention relates to a four point link for the suspension of a rigid axle in particular of a utility vehicle. The four point link has four bearing sockets (3) wherein two bearing sockets (3) can be articulated on the vehicle axle and two bearing sockets can be articulated on the vehicle frame. The four point link here comprises a single piece link body (1 2) which is encompassed by the trapezium formed through the bearing sockets. The four point link is distinguished in that the link body (1 2) is formed from a fibre composite arrangement. The fibre composite arrangement here comprises at least one longitudinal fibre arrangement (10 11). The longitudinal fibre arrangement (10 11) encloses the bearing socket (3) at least along half the circumference thereof and at the same time runs along at least parts of the link body (1 2). The invention makes it possible for four point links to be configured so as to be optimized in terms of loading and for the mass thereof to be reduced while at the same time the application area thereof is extended. A torsional compliance which can be demonstrated specifically makes it possible to use relatively small and/or relatively hard rubber bearings for articulating the four point link and/or the vehicle axle. Furthermore the corrosion resistance and vibration damping are improved the service life is increased and component integration in particular in respect of mounting the four point link on the chassis and axle and attaching the same thereto is enhanced.

No. of Pages : 24 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :10/02/2014

### (43) Publication Date : 10/04/2015

## (54) Title of the invention : EXTENDED ACCESS BARRING

(51) International classification:H04W48/10,H04W12/06,H04W88/02(31) Priority Document No:61/522622(32) Priority Date:11/08/2011(33) Name of priority country:U.S.A.(86) International Application No Filing Date:PCT/US2011/066918 :22/12/2011(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2013/022474(62) Divisional to Application Number Filing Date:NA :NA(62) Divisional to Filing Date:NA :NA	<ul> <li>(71)Name of Applicant : <ul> <li>1)INTEL CORPORATION</li> <li>Address of Applicant :2200 Mission College Blvd. Santa Clara</li> </ul> </li> <li>California 95052 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)FONG Mo Han</li> <li>2)JAIN Puneet</li> <li>3)CHOI Hyung Nam</li> </ul> </li> </ul>
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## (57) Abstract :

A system and method for authorizing access to a transmission station for a mobile device is disclosed. The mobile device can receive device extended access barring (EAB) configuration information in a broadcast control channel (BCCH) from a transmission station. The mobile device can bar the mobile device configured for EAB and having characteristics identified in the EAB configuration information for barring from accessing the transmission station. Alternatively a system and method for barring a mobile device from accessing a transmission station is disclosed. The transmission station can receive from the mobile device a radio resource control (RRC) connection establishment request. The transmission station can configure a system information block (SIB) with extended access barring (EAB) configuration information. The transmission station can broadcast the SIB with EAB configuration information to the mobile device.

No. of Pages : 55 No. of Claims : 35

(22) Date of filing of Application :10/02/2014

(43) Publication Date : 10/04/2015

(54) Title of the invention : FORMING CARRIER AGGREGATION TIMING ADVANCE GROUPS IN A HETEROGENEOUS 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</li> </ul>	:PCT/US2011/066212 :20/12/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)INTEL CORPORATION <ul> <li>Address of Applicant :2200 Mission College Blvd. Santa Clara</li> <li>California 95052 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)ETEMAD Kamran</li> <li>2)FONG Mo Han</li> <li>3)FWU Jong Kae</li> <li>4)NIU Huaning</li> </ul> </li> </ul>
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

## (57) Abstract :

Technology for forming carrier aggregation timing advance groups in a heterogeneous network (HetNet) is disclosed. One method comprises assigning at least a first component carrier cell to one of a first timing advance group and a second timing advance group. At least a second component carrier cell is assigned to one of the first timing advance group and the second timing advance group. A separate timing advance index value is selected for each of the first and second timing advance groups. The timing advance index value is used to refer to the timing advance group in signaling in the HetNet.

No. of Pages : 33 No. of Claims : 24

## (22) Date of filing of Application :12/02/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : MEDIA CASE AND BANKING 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</li> </ul>	:G07D11/00,B65H29/02,G07F19/00 :1020110078431 :08/08/2011 y:Republic of Korea	<ul> <li>(71)Name of Applicant :</li> <li>1)LG CNS CO. LTD.</li> <li>Address of Applicant :24 Yeoui daero Yeongdeungpo gu</li> <li>Seoul 150 881 Republic of Korea</li> <li>(72)Name of Inventor :</li> <li>1)LEE Sung Woo</li> </ul>
Filing Date	:08/08/2012	
(87) International Publication No	:WO 2013/022275	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a media case. The media case according to one aspect comprises: a media insertion and withdrawal unit in which media are inserted thereto or withdrawn therefrom; a temporary media accumulation unit in which the media inserted through said media insertion and withdrawal unit are temporarily accumulated; a media storage unit in which media which are to be withdrawn are stored; a printing device which prints the inserted media or the media which are to be withdrawn; and a reversing unit which reverses the inserted media if the inserted media have to be reversed.

No. of Pages : 59 No. of Claims : 21

(21) Application No.989/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :07/02/2014

(43) Publication Date : 10/04/2015

#### (71)Name of Applicant : :A61K47/48,A61P11/00 1)ASCENDIS PHARMA A/S (51) International classification (31) Priority Document No Address of Applicant : Tuborg Boulevard 12 DK 2900 :11177409.7 (32) Priority Date Hellerup Denmark :12/08/2011 (33) Name of priority country (72)Name of Inventor : :EPO (86) International Application No **1)HERSEL Ulrich** :PCT/EP2012/065745 Filing Date :10/08/2012 2)RAU Harald (87) International Publication No :WO 2013/024052 3)LESSMANN Torben (61) Patent of Addition to Application 4)BISEK Nicola :NA Number **5)MAITRO Guillaume** :NA Filing Date 6)SPROG<sup>~</sup>E Kennett (62) Divisional to Application Number :NA 7)WEGGE Thomas Filing Date 8)**KEIL Oliver** :NA 9)ZETTLER Joachim

(54) Title of the invention : CARRIER LINKED TREPROSTINIL PRODRUGS

(57) Abstract :

The present invention relates to prodrugs or a pharmaceutically acceptable salt thereof comprising a covalent treprostinil carrier conjugate as well as pharmaceutical composition comprising said compounds. The compounds may be used as medicaments especially for diseases or disorders which can be treated by treprostinil such as pulmonary arterial hypertension (PAH).

No. of Pages : 206 No. of Claims : 39

## (19) INDIA

(22) Date of filing of Application :05/02/2014

## (43) Publication Date : 10/04/2015

## (54) Title of the invention : SOLDER COMPOSITIONS

<ul> <li>(51) International</li> <li>classification</li> <li>(31) Priority Document No</li> <li>:61/514396</li> <li>(32) Priority Date</li> <li>:02/08/2011</li> <li>(33) Name of priority country:U.S.A.</li> <li>(86) International</li> <li>:PCT/GB2012/051876</li> <li>Application No</li> <li>:02/08/2012</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> <li>:NA</li> <li>Application Number</li> <li>NA</li> <li>Filing Date</li> <li>:NA</li> <li>Application Number</li> <li>NA</li> <li>Filing Date</li> </ul>	<ul> <li>(71)Name of Applicant : <ul> <li>1)ALPHA METALS INC.</li> <li>Address of Applicant :109 Corporate Boulevard South</li> </ul> </li> <li>Plainfield New Jersey 07080 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)DE AVILA RIBAS Morgana</li> <li>2)LODGE Dominic</li> <li>3)PANDHER Ranjit</li> <li>4)SINGH Bawa</li> <li>5)BHATKAL Ravindra M</li> <li>6)RAUT Rahul</li> <li>7)SARKAR Siuli</li> <li>8)CHATTOPADHYAY Kamanio</li> <li>9)NANDI Proloy</li> </ul> </li> </ul>
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(57) Abstract :

A solder composition comprising a blend of a first powder component and a second powder component wherein the first powder component is a first solder alloy and the second powder component is a second solder alloy or a metal.

No. of Pages : 30 No. of Claims : 25

(22) Date of filing of Application :11/02/2014

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : SILICIDE GAP THIN FILM TRANSISTOR (51) International classification:G01L9/00,H01L29/49,H01L29/66 (71)Name of Applicant : (31) Priority Document No 1)QUALCOMM MEMS TECHNOLOGIES INC. :13/217177 (32) Priority Date :24/08/2011 Address of Applicant :5775 Morehouse Drive San Diego (33) Name of priority country :U.S.A. California 92121 1714 U.S.A. (86) International Application (72)Name of Inventor : :PCT/US2012/050812 1)HONG John Hyunchul No :14/08/2012 Filing Date 2)LEE Chong Uk (87) International Publication :WO 2013/028412 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

This disclosure provides systems methods and apparatus for fabricating thin film transistor devices. In one aspect a substrate including a silicon layer on the substrate surface is provided. A metal layer is formed on the silicon layer. A first dielectric layer is formed on the metal layer and exposed regions of the substrate surface. The metal layer and the silicon layer are treated and the metal layer reacts with the silicon layer to form a silicide layer and a gap between the silicide layer and the dielectric layer. An amorphous silicon layer is formed on the first dielectric layer. The amorphous silicon layer is heated and cooled. The amorphous silicon layer overlying the substrate surface cools at a faster rate than the amorphous silicon layer overlying the gap.

No. of Pages : 73 No. of Claims : 29

(22) Date of filing of Application :13/02/2014

(43) Publication Date : 10/04/2015

# (54) Title of the invention : METHOD AND APPARATUS FOR ADJUSTING TCP RTO WHEN TRANSITING ZONES OF HIGH WIRELESS CONNECTIVITY

(51) International classification:H04W28/18,H04W28/04,H04W(31) Priority Document No:13/226002(32) Priority Date:06/09/2011(33) Name of priority country:U.S.A.(86) International Application No Filing Date:PCT/US2012/053783(87) International Filing Date:WO 2013/036527(87) International Filing Date:NA(61) Patent of Addition to Filing Date:NA(62) Divisional to Filing Date:NA(57) Abstract in:NA	<ul> <li>W24/00</li> <li>(71)Name of Applicant : <ul> <li>1)QUALCOMM Incorporated</li> <li>Address of Applicant :Attn: International Ip Administration</li> <li>5775 Morehouse Drive San Diego California 92121 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)PADDON Michael W.</li> <li>2)BROWN Craig M.</li> </ul> </li> </ul></li></ul>
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(57) Abstract :

Systems and methods for managing transmissions of a mobile device are described herein. An example of a mobile device described herein includes an environment monitor module configured to perform one or more observations of a local environment associated with the mobile device a connectivity tracker module communicatively coupled to the environment monitor module and configured to determine whether the one or more observations indicate wireless connectivity tracker module device has been restored and a retransmit timeout (RTO) manager module communicatively coupled to the connectivity tracker module and configured to reset at least one RTO value of the mobile device if the wireless connectivity of the mobile device has been determined to be restored.

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

(21) Application No.1199/CHENP/2014 A

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 10/04/2015

## (54) Title of the invention : REVERSE ROTATION BRAKING FOR A PM MOTOR

(57) Abstract :

A system for operating a compressor. The system includes a motor an inverter bridge a voltage detection circuit and a controller. The motor has a stator and a rotor. The inverter bridge is configured to provide a voltage to the stator and includes a first switch connected in a series type relationship with a second switch a first diode coupled across the first switch and a second diode coupled across the second switch. The voltage detection circuit is configured to detect a back EMF voltage in the winding. The controller is coupled to the inverter bridge and the voltage detection circuit. The controller is configured to control the first switch and the second switch to drive the motor and to receive an indication of the back EMF voltage in the winding from the voltage detection circuit. The controller is also configured to determine a fault has occurred and to drive one of the first switch and the second switch when a fault has occurred.

No. of Pages : 16 No. of Claims : 18

(19) INDIA

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

(43) Publication Date : 10/04/2015

## (54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION TIOCONAZOLE

(51) International classification	·C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)OPTIMUS DRUGS (P) LTD
(32) Priority Date	:NA	Address of Applicant :#1-2-11/1, ABOVE SBI BANK
(33) Name of priority country	:NA	STREET NO: 2, KAKATIYA NAGAR, HABSIGUDA,
(86) International Application No	:NA	HYDERABAD - 500 007 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DESI REDDY, SRINIVAS REDDY
(61) Patent of Addition to Application Number	:NA	2)RANE, DNYANDEV RAGHO
Filing Date	:NA	3)VELIVELA, SRINIVAS RAO
(62) Divisional to Application Number	:NA	4)PEKETI, SUBBAREDDY
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for the preparation of Tioconazole and the present invention further relates to a novel compound salt of formula (II) used in the preparation of Tioconazole.

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

## (19) INDIA

(22) Date of filing of Application :01/10/2013

## (43) Publication Date : 10/04/2015

## (54) Title of the invention : IN- STORE CUSTOMER ENGAGEMENT 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 Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G06Q30/00 :NA :NA :NA :NA : NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)CAPILLARY TECHNOLOGIES INTERNATIONAL</li> <li>PTE LTD <ul> <li>Address of Applicant :1 FINLAYSON GREEN, #14-00 ONE</li> </ul> </li> <li>FINLAYSON GREEN 049 246 Singapore</li> <li>(72)Name of Inventor : <ul> <li>1)KRISHNA KUMAR MEHRA</li> <li>2)NAVEEN ATHRESH</li> <li>3)KEDAR PRAKASH CHANDRAYAN</li> <li>4)SAURABH KUMAR</li> <li>5)RISHABH JHA</li> <li>6)KAUSTUBH BHOYAR</li> </ul> </li> </ul>
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## (57) Abstract :

An in-store customer engagement system is provided. The system includes a retail processing device located in a store, wherein the retail processing device is configured to process transactions of a customer. The system also includes a customer registration device configured to receive customer data from the customer and to register the customer with a customer relationship management (CRM) application of the store. The system further includes a first server communicatively coupled to the retail processing device and to the customer registration device wherein the first server is configured to transmit the customer data to the retail processing device upon registration of the customer with the customer relationship management application.

No. of Pages : 33 No. of Claims : 26

## (19) INDIA

(22) Date of filing of Application :08/10/2013

(51) International classification	:C04B28/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAKHI DEEPAK
(32) Priority Date	:NA	Address of Applicant :SAGTAUR UNIVERSAL, 2/20, POES
(33) Name of priority country	:NA	RD, 1ST STREET, TEYNAMPET, CHENNAI - 600 018 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	2)LAKSHMIKANTH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DEEPAK RAJENDRAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (54) Title of the invention : SEMORT

(57) Abstract :

SEMORT, an engineered alternative for plaster/mortar sand, for replacing river sand in making of plaster and mortar in construction, by drying the manufactured sand(alternative unground slag) if moisture is higher than 1% in an Electric or Fuel fired Dryer, which operates in temperature range of 300 -500 Degree Celsius and transferring to a sand storage yard, having a vibratory screen to separate out sand particles of size less than 2.4 mm and is transferred to an intermediary storage bin with load cell. Following additives are added: Fly-Ash or Pulverized Fuel Ash or ground blast furnace slag, Hydrated Lime or other forms of Calcium Hydroxide, Gypsum or Calcium Sulphate Dehydrate, Silica Fume or Powder/Metakaolin/Rice Husk Ash, Any one or combination of Water retainers, Rheology Modifiers, super plasticizers, air entrainers, water proofing chemicals, poly fibers. Then, it is transferred to a mixer for mixing with additives for a period of 1 to 3 minutes.

No. of Pages : 20 No. of Claims : 5

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

(43) Publication Date : 10/04/2015

## (54) Title of the invention : HUMAN BINDING MOLECULES CAPABLE OF NEUTRALIZING INFLUENZA A VIRUSES OF PHYLOGENETIC GROUP 1 AND PHYLOGENETIC GROUP 2 AND INFLUENZA B VIRUSES

<ul><li>(51) International</li><li>classification</li><li>(31) Priority Document No</li></ul>	:C07K16/10,A61K39/42,A61P31/16 :11173953 8	<ul> <li>(71)Name of Applicant :</li> <li>1)CRUCELL HOLLAND B.V. Address of Applicant :Archimedesweg 4 NL 2333 CN Leiden</li> </ul>
	:14/07/2011	Netherlands
(33) Name of priority country	:EPO	(72)Name of Inventor :
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> </ul>	:PCT/EP2012/063637 :12/07/2012	1)KWAKS Theodorus Hendrikus Jacobus 2)ZUIJDGEEST David A.T.M. 3)VOGELS Ronald
(97) International Dublication	:WO 2013/007770	4)FRIESEN Robert Heinz Edward
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to binding molecules such as human monoclonal antibodies that bind to an epitope in the stem region of hemagglutinin of influenza A viruses of phylogenetic group 1 and group 2 as well as influenza B viruses and have a broad neutralizing activity against such influenza viruses. The disclosure provides nucleic acid molecules encoding the binding molecules their sequences and compositions comprising the binding molecules. The binding molecules can be used in the diagnosis prophylaxis and/or treatment of influenza A viruses of phylogenetic group 1 and 2 as well as influenza B viruses.

No. of Pages : 153 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :09/10/2013

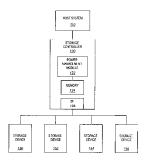
(43) Publication Date : 10/04/2015

## (54) Title of the invention : ADAPTIVE POWER-DOWN OF DISK DRIVES ON PREDICTED IDLE TIME

(51) International classificationG11B19/001)(31) Priority Document No:NA(32) Priority Date:NAJOS(33) Name of priority country:NA(86) International Application No:NA1)	1)Name of Applicant : 1)LSI CORPORATION Address of Applicant :1320 RIDDER PARK DRIVE, SAN SE, CA 95131, UNITED STATES OF AMERICA 2)Name of Inventor : 1)SREEKUMARAN, DIPU 2)CHANDRASHEKHAR, ARUN
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## (57) Abstract :

Systems and methods presented herein provide a storage system that adaptively powers-down one or more disk drives based on the predicted idle time of each disk drive. One embodiment includes a storage controller that includes a processor operable to track idle durations of the disk drive. When an idle duration ends, the processor associates the idle duration with a time window that includes that idle duration. Each time window is associated with a number of previous idle durations of the disk drive. Upon detection of a current idle duration, the processor identifies a time window with the highest number of previous idle durations of the disk drive. Then, the processor determines whether a maximum time associated with the identified time window exceeds a predetermined threshold. When the maximum time exceeds the predetermined threshold, the processor powers-down the disk drive.



No. of Pages : 24 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :01/10/2013

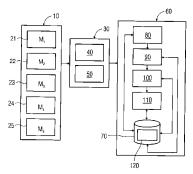
(43) Publication Date : 10/04/2015

## (54) Title of the invention : A METHOD AND A SYSTEM FOR GENERATION A MODULE TESTING SEQUENCE.

<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>	:G01R 31/00 :NA :NA :NA :NA :NA : NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SIEMENS AKTIENGESELLSCHAFT <ul> <li>Address of Applicant :WITTELSBACHERPLATZ 2 80333</li> <li>MÜNCHEN GERMANY</li> <li>(72)Name of Inventor :</li> <li>1)MAHESH MURALIDHARAN,</li> </ul> </li> </ul>
(61) Patent of Addition to Application Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is related to a method and a system (60) to generate a module testing sequence (120) for testing different application modules (21-25) of a computer application (10). Different parametric values (130,140) are determined based on different quality metrics for the aforementioned application modules (21-25). The parametric values (130,140) are thereafter processed to obtain overall rank values (170), which indicate a sequential arrangement of the application modules (21-25) is usable for the purpose of sequential testing the application modules (21-25) as indicated in the sequential arrangement.



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

(22) Date of filing of Application :01/10/2013

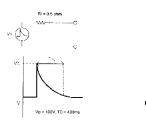
## (43) Publication Date : 10/04/2015

## (54) Title of the invention : A PROTECTION CIRCUIT FOR THE PROTECTING ELECTRONIC CONTROL UNIT FROM AUTOMOTIVE HIGH ENERGY TRANSIENTS.

:F02D 41/00 :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Visteon Global Technologies, Inc. Address of Applicant :One Village Center Drive, Van Buren Township, Michigan 48111-5711, USA</li> <li>(72)Name of Inventor :</li> <li>1)Govindarajan Sivakumar</li> </ul>
:NA	
:NA	
:NA	
	41/00 :NA :NA :NA :NA :NA :NA :NA :NA

### (57) Abstract :

The invention discloses a protection circuit for protecting Electronic Control Unit (ECU) from high voltage automotive transient pulses. The circuit includes an input terminal for receiving an input voltage, an output terminal for outputting an output voltage, a transistor having a predefined threshold voltage connected in series from the input terminal to the output terminal through a load, a Transient Voltage Suppressor (TVS) diode having a predefined breakdown voltage connected in series to the load to limit the voltage applied to the load within safer operating region, wherein in normal condition current flows through the transistor and in the event of high voltage automotive transient pulse above the predefined series transistor cut off threshold voltage, the series transistor goes to cut-off mode and the current flows through the TVS diode reducing the voltage output by the predefined breakdown voltage.



No. of Pages : 15 No. of Claims : 5

(22) Date of filing of Application :08/10/2013

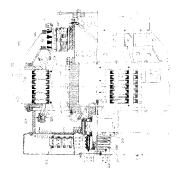
(43) Publication Date : 10/04/2015

## (54) Title of the invention : A PER POLE PER PHASE DISTRIBUTED STATOR WINDING OF TRACTION ALTERNATOR

		(71)Name of Applicant :
(51) International classification	:H02K	
(51) International elassification	15/00	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.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VIKAS RAWTIYA
(61) Patent of Addition to Application Number	:NA	2)MANISH VERMA
Filing Date	:NA	3)KUNAL DUGVEKAR
(62) Divisional to Application Number	:NA	4)KUNAL PRASAD
Filing Date	:NA	5)JITENDRA KUMAR
		6)MEENAKSHI

(57) Abstract :

The present invention is provided with an apparatus comprising an alternator (02) of per pole per phase distributed stator winding wherein the complete wound stator undergoes vacuum pressure impregnation; a companion alternator (005) merged with auxiliary alternator having plural sets of winding for variable voltage operation; at least two rectifier banks (013); characterized for reducing the unbalance effect in the flux distribution of alternator winding at unequal loading.



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

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

(43) Publication Date : 10/04/2015

## (54) Title of the invention : COMPOSITION AND METHOD FOR DENSE PALLADIUM COMPOSITE MEMBRANE FABRICATION

		(71)Name of Applicant :
(51) International classification	:C23C	
(21) Drienity Decours out Me	18/00	Address of Applicant :MURALI PUJARI DEPARTMENT OF
(31) Priority Document No	:NA	CHEMICAL ENGINEERING INDIAN INSTITUTE OF
(32) Priority Date	:NA	TECHNOLOGY GUWAHATI GUWAHATI, ASSAM - 781039,
(33) Name of priority country	:NA	INDIA
(86) International Application No	:NA	2)Ms. AMRITA AGARWAL
Filing Date	:NA	3)Prof. RAMGOPAL UPPALURI
(87) International Publication No	: NA	4)Dr. ANIL VERMA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Mr. MURALI PUJARI
(62) Divisional to Application Number	:NA	2)Ms. AMRITA AGARWAL
Filing Date	:NA	3)Prof. RAMGOPAL UPPALURI
		4)Dr. ANIL VERMA

## (57) Abstract :

The present invention provides a novel scalable process that enables the cost effective fabrication of dense and near dense palladium composite membranes. The method of preparing dense or near dense palladium/PSS membrane by electroless plating comprising: applying cationic surfactant to the palladium plating bath; subjecting the palladium electroless plating to sonication in an ultrasonic cleaning bath; and optimizing the contacting pattern of the reducing agent during the plating process. The composition for preparing dense or near dense palladium/PSS membrane by electroless plating comprises optimum concentrations of palladium solution, cationic surfactant and reducing agent. The invented method and composition provides maximum combinations of selective conversion, plating efficiency, plating rate, percent pore densification per unit metal film thickness and minimal combinations of total noble metal utilization and plating time. The invented process being generic in nature can be extended towards highly efficient deposition of noble metals on porous structures.

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

(22) Date of filing of Application :11/11/2011

(43) Publication Date : 10/04/2015

## (54) Title of the invention : METHOD FOR INTERNAL CLEANING OF A BOTTLE-CLEANING OR CONTAINER-CLEANING MACHINE, AND BOTTLE-CLEANING OR CONTAINER-CLEANING 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:B08B 9/08 :10 2009 039 965.8 :03/09/2009 :Germany :PCT/EP2010/005312 :30/08/2010 :WO 2011/026594 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KHS GMBH <ul> <li>Address of Applicant :JOCHOSTRASSE 20, 44143</li> </ul> </li> <li>DORTMUND, GERMANY </li> <li>(72)Name of Inventor : <ul> <li>1)WIEDEMANN, ULRICH</li> </ul> </li> </ul>
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### (57) Abstract :

The invention relates to a method for the internal cleaning of bottle-cleaning or container-cleaning machines (1) comprising several treatment zones (7-16) designed in an interior of the machines. The containers to be cleaned move through said treatment zones during the operation of the cleaning machine or during the container-cleaning process and are treated with different cleaning or processing fluids. The internal cleaning occurs in a machine cleaning mode following the container cleaning process.

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

(22) Date of filing of Application :04/10/2013

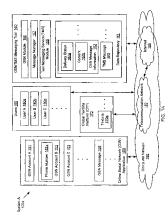
#### (43) Publication Date : 10/04/2015

(54) Title of the invention : SENDING AN ONLINE SOCIAL NETWORK MESSAGE USING A TEXTSITE APPLICATION VIA A TEXT MESSAGE

-	(71)Name of Applicant :
	1)INTUIT INC.
:NA	Address of Applicant :2632 MARINE WAY MOUNTAIN
:NA	VIEW, CALIFORNIA 94043 UNITED STATES OF AMERICA
:NA	(72)Name of Inventor :
:NA	1)BHAGESHPUR, GIRIDHAR MOHAN
:NA	
: NA	
:NA	
:NA	
:NA	
:NA	
	10/00 :NA :NA :NA :NA :NA :NA :NA :NA

#### (57) Abstract :

A method for delivering an online social network (OSN) message. The method includes obtaining delivery status and content of the OSN message, wherein the OSN message is sent by a first user using an OSN application to a second user, generating, by a computer processor, a text message comprising the content of the OSN message, and sending, by the computer processor and in response to the delivery status meeting a pre-determined criteria, the text message using a text messaging service (TMS) to the second user, wherein the OSN application is used by the first user to exchange social interaction messages with OSN friends of the first user, and wherein the second user is not able to view the OSN message using the OSN application.



No. of Pages : 57 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/10/2013

#### (54) Title of the invention : 'SYSTEM AND METHOD TO RETRIEVE TIME CRITICAL DATA FROM NETWORK DEVICES.'

(51) International classification:H(2) Priority Document No:N(32) Priority Date:N(33) Name of priority country:N(33) Name of priority country:N(86) International Application No:NFiling Date:N(87) International Publication No:N(61) Patent of Addition to Application Number:NFiling Date:N(62) Divisional to Application Number:NFiling Date:NFiling Date:NFiling Date:NFiling Date:NState:NFiling Date:NFiling Date:NFiling Date:NFiling Date:NFiling Date:NFiling Date:NFiling Date:NFiling Date:NFiling Date:NFiling Date:N	Address of Applicant :35, RUE JOSEPH MONIER, F-92500 RUEIL MALMAISON, FRANCE (72)Name of Inventor : 1)Marutharaj Ganesan 2)Naveena Vangampali 3)Manesh Vadakkethil 4)Prashantha Kumar
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#### (57) Abstract :

The present invention discloses a system and method for retrieving time critical data from a device in a communication network. The system includes events data holders for holding the event information generated in a slave device, a real time critical data module for storing the real time critical data defined by a user, a Critical Data Monitoring Module (CDMM) for monitoring the real time critical data module and the event data holders and generating an event data, CDMM configuration holders for storing addresses of the critical parameters configured by the user, a CDMM enabler for enabling or disabling the Critical Data Monitoring Module (CDMM), a Response Sending Module (RSM) for appending the event data generated by the CDMM and sending to the master device, whe rein the RSM validates the event data, checks a current response and appends the event data with the current response in case the current response has free space to accommodate the same.

No. of Pages : 20 No. of Claims : 4

(22) Date of filing of Application :20/03/2012

(43) Publication Date : 10/04/2015

# (54) Title of the invention : AN IMPROVED POWER GENERATING SYSTEM PROVIDING WITH HEALTH-CARE & ENVIRONMENTAL-CARE EDUCATION

<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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filed on</li> </ul> </li> </ul>	:G05D 23/19 :NA :NA :NA :NA :NA : NA : .01/01/1900	<ul> <li>(71)Name of Applicant :</li> <li>1)BIBEK NARAYAN NANDI Address of Applicant : A/III/2F, METRO RAILWAY QTRS COMPLEX, 247, D. P. SHASMAL ROAD, KOLKATA-700033 India</li> <li>(72)Name of Inventor :</li> <li>1)BIBEK NARAYAN NANDI</li> </ul>
Filed on (62) Divisional to Application Number	:01/01/1900 :NA	
Filing Date	:NA	

#### (57) Abstract :

6.1 One Jogger wheel, very much as big as possible may be called as biggest proportionate to the area at any level, to that extent. Herein the set comprising five Jogger wheels in three different sizes, a common axle passing through both the peripheries of the said biggest wheel may be fixed on the ground level, in such way that it should be freely move underground, the peripheries of both sides of the wheel being gear toothed in between thereof there must be placed numerous pedals as such facilitate for standing and for jogging and/or like physical exercises thereby numerous people as more as possible may utilize it. While jogging starts utilizing thereof by numerous people as well as the said giant wheel starts or a single giant wheel starts to rotate, a huge humans power produced thereby can be transmitted by providing pinions(at least two smallest gears/pinions per wheel) for utilizing thereof to drive air compressors for starting compressed air into the air compression chamber and also to drive hydraulic pumps for storing pressurized water into the water tank at maximum possible head and the said humans energy which being exhausted during while human doing jogging and/or any kind of physical exercises for their body to be maintained fit thereby this invention converting thereof into electrical energy and we also able to measure thereof including environmental pollution which creating by all power generating system providing with health-care and environmental care education. 6.2 This invention related to an improved power generating system in particular relates to an improved turbine assembly, the conduits-assembly is provided therein for producing more impacting forces on the turbine blades, the number of conduits are always equal in number of the blades of the blades' assembly thereof, each conduit is connected between two blades of 90° apart, the conduits are positioned in such a way that the conduits' axis and jets' axis are in same line, the free jets from the said nozzles strike against the blades in front and the correspondent blades of 90° apart thereto at almost the same time hence more impacting force will be applied on the blades of the said turbine assembly.

No. of Pages : 22 No. of Claims : 4

(22) Date of filing of Application :01/10/2013

#### (43) Publication Date : 10/04/2015

# (54) Title of the invention : 'A CHROMIUM-FREE WATER BASED COATING FOR TREATING A GALVANNEALED OR GALVANIZED STEEL SURFACE'

(51) International classification 2	22/00	(71)Name of Applicant : 1)TATA STEEL LIMITED
	NA	Address of Applicant : TATA STEEL LIMITED
	NA	JAMSHEDPUR-831001,INDIA
	NA	(72)Name of Inventor :
(86) International Application No :1	NA	1)AKSHYA KUMAR GUIN
0	NA	2)MANISH KUMAR BHADU
(87) International Publication No :	NA	3)KEDAR SHASHIKANT BHAVE
(61) Patent of Addition to Application Number :	NA	4)MOHUA RANI SINHABABU
Filing Date :1	NA	5)RAJESH SHYAM PAIS
(62) Divisional to Application Number :1	NA	
Filing Date :1	NA	

(57) Abstract :

A chromium free water based coating is developed for treating Galvannealed or galvanized steel surface. The coating is based upon hybrid condensation product of water soluble sol-gel solution prepared from solution containing one or more organofunctional silanes. The said silane solution is hydrolised at pH 4-6.5 for 16 hours at room temperature with continuous stirring at a speed of 300-800 rpm. The coating composition when applied on a galvanized and galvannealed steel substrate provides more than 200 hours of white rust resistance at a coating thickness of less than 5 micron and can dry within 10-30 sec at 80-90 deg C peak metal temperature.

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

(22) Date of filing of Application :08/10/2013

#### (43) Publication Date : 10/04/2015

(54) Title of the invention : 'AN IMPROVED HW-GTAW PROCESS FOR PRODUCING DISSIMILAR MATERIAL TUBE BUTT JOINTS OF SUPER 404 H AUSTENITIC STAINLESS STEEL (SS 304H) AND 9% CR AND 1/2 % MO FERRITIC -MARTENSITIC STEEL (T91)'

<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>	:B23K 9/00 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGION CAL OPERATIONS DIVISION(ROD) PLOT NO:9/1, DJ BLOCK 3RD FLOOR KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091 HAVING ITS REGISTERED OFFICE AT BHEL HOUSE SIRI</li> </ul>
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA.
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number</li></ul>	: NA :NA	(72)Name of Inventor : 1)KANDASAMI DEVAKUMARAN
Filing Date	:NA	2)NAINIAPPAN RAJASEKARAN
(62) Divisional to Application Number	:NA	3)ARASAN RAJA
Filing Date	:NA	

#### (57) Abstract :

The invention relates to mechanized Hot Wire GTAW technique for dissimilar weld joints of SS 304H and T91 tube. More particularly the invention relates to an improved HW-GTAW process for dissimilar material tube butt joints of Super 304 H Austenitic Stainless Steel (SS 304H) and 9% Cr and ½% Mo Ferritic- Martensitic steel (T91). The process can be applied for welding of the boiler components.

With out Root & Root Face

No. of Pages : 11 No. of Claims : 5

(22) Date of filing of Application :08/10/2013

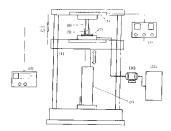
#### (43) Publication Date : 10/04/2015

#### (54) Title of the invention : A HIGH TEMPERATURE ASH ADHESION TESTING SYSTEM FOR MEASURING ASH ADHESION FORCE ON THE BOILER TUBES AT DIFFERENT ELEVATED TEMPERATURES IN PULVERIZED COAL FIRED BOILERS

(51) International classification	:G01N 3/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant : REGION CAL OPERATIONS
(32) Priority Date	:NA	DIVISION (ROD) PLOT NO:9/1, DJ BLOCK 3RD FLOOR,
(33) Name of priority country	:NA	KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)RAMASAMY ELANKOVAN
Filing Date	:NA	2)KRISHNADASS KARTHICK
(62) Divisional to Application Number	:NA	3)DR. THEERDHALA SRIHARSHA
Filing Date	:NA	

#### (57) Abstract :

The invention relates to a high temperature ash adhesion testing system for measuring ash adhesion force on the boiler tubes at different elevated temperatures in pulverized coal fired boilers, comprising: a shaped body demarcated by a fixed stage (5) located at bottom portion of the body, and a moving stage (1) at upper portion; a force sensing unit (3) connected to a load cell, the force sensing unit (3) measuring the force between said two stages (5,1); a coated specimen (7) to be tested placed on the moving stage (5) being covered by a punch and die set (8) which accommodates an ash pellet (9); heating elements controllable by a PID Controller (6) placed between said two stages (5,1); a cooling device (10,11) attached to said specimen (7) for particular period; a double acting hydraulic cylinder (4) for application of tensile load to separate the ash from the coated substrate (7), the load cell (2) sensing and measuring the adhension force.



No. of Pages : 11 No. of Claims : 3

(22) Date of filing of Application :01/10/2013

(43) Publication Date : 10/04/2015

# (54) Title of the invention : A METHOD AND A SYSTEM FOR DETERMINING SURFACE IRREGULARITIES OF AN OPTICAL REFLECTOR

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> <li>Filing Date</li> </ul>	21/00 :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :WITTELSBACHERPLATZ 2 80333</li> <li>MÜNCHEN GERMANY</li> <li>(72)Name of Inventor :</li> <li>1)SANTHOSH KUMAR COTHURU</li> </ul>
Filing Date : (62) Divisional to Application Number :	:NA :NA :NA	

#### (57) Abstract :

The present invention relates to a method and a system for determining surface irregularities (80) of an optical reflector (10). Each of the various sections (90) of the optical reflector (10) is scanned with a coherent light (140), and the reflected light (150) obtained from the each of the various sections (90) is then detected to obtain the irradiance pattern (160) of the respective section (90). The irradiance pattern (160) is processed and analysed to determine the surface irregularities (80) of the optical reflector (10).

No. of Pages : 38 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION (21) Application No.720/KOL/2014 A (19) INDIA (22) Date of filing of Application :01/07/2014 (43) Publication Date : 10/04/2015 (54) Title of the invention : SADDLE RIDING TYPE VEHICLE :B62J99/00 (51) International classification (71)Name of Applicant : 1)YAMAHA HATSUDOKI KABUSHIKI KAISHA :JP2013-(31) Priority Document No Address of Applicant :2500, SHINGAI, IWATA-SHI, 212054 :09/10/2013 SHIZUOKA-KEN 438-8501, JAPAN (32) Priority Date (72)Name of Inventor : (33) Name of priority country :Japan **1)EIKI ISHIHARA** (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A saddle riding type vehicle (1) includes a head tube (13), a front fork (17) rotatably supported by the head tube (13), a handlebar (19) supported by an upper part of the front fork (17), a front wheel (21) supported by a lower part of the front fork (17), a lower fender (23) supported by the front fork (17) for covering an area above the front wheel (21), an upper fender (25) supported by the front fork (17) and disposed above the lower fender (23) and a headlight unit (27) supported by the front fork (17). The front wheel (21), the lower fender (23), the upper fender (25) and the headlight unit (27) are integrally turnable with operation of the handlebar (19).

No. of Pages : 53 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

#### (54) Title of the invention : FOAMING SKIN CLEANSING COMPOSITION CONTAINING FREE FATTY ACIDS

<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>	:A61Q 19/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>I)ITC LIMITED</li> <li>Address of Applicant :37, J.L. NEHRU ROAD, KOLKATA-700071, WEST BENGAL, INDIA.</li> <li>(72)Name of Inventor : <ol> <li>BISWAS, SAMARES, CHANDRA</li> <li>PANIGRAHI, SUDIPA</li> </ol> </li> </ol></li></ul>
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(57) Abstract :

A foaming non-soap based skin cleansing composition comprising0.1 to 10% w/w free fatty acids; 2 to 30% w/w surfactants; and water; wherein said free fatty acids are combination of C10 to C20 fatty acids selected from the group comprising Lauric acid, Myristic acid, Palmitic acid, and Stearic acid, and wherein said free fatty acids and surfactants are combined in the ratio of 1:20 to 1:3; such that the destruction of foam by the presence of fatty acids is prevented. Also provided is process for the preparation of the foaming non-soap skin care composition.

No. of Pages : 27 No. of Claims : 13

#### 2) PATENT APPLICATION PUBLICATION

(21) Application No.1158/KOL/2013 A

#### (19) INDIA

(22) Date of filing of Application :08/10/2013

#### (43) Publication Date : 10/04/2015

# (54) Title of the invention : 'AN IMPROVED FRONT SHAFT ASSEMBLY WITH RE-USABLE LOCKING MEANS FOR MOUNTING A CENTER BEARING ASSEMBLY WITH THE FRONT PROPELLER SHAFT IN A VEHICLE'

(51) International classification	:F16B 35/00	(71)Name of Applicant : 1)RSB TRANSMISSIONS (I) LIMITED
(31) Priority Document No	:NA	Address of Applicant :UNIT-1 NS 25, 6TH PHASE
(32) Priority Date	:NA	GAMHARIA, JAMSHEDPUR 832 108, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)HIMANGSHU MOHAN PAIRA
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The invention relates to an improved front shaft assembly with reusable locking means for mounting a center bearing assembly with the Front propeller shaft in a vehicle. The improvement is that the front end piece of the propeller shaft is modified to eliminate the threaded portion; two tapped holes are constructed on the front end piece to accommodate correspondingly sized flanged type hex bolts; and a toughened round strap with two holes provided so as to rest over the back face of the coupling flange.

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

(22) Date of filing of Application :09/10/2012

(43) Publication Date : 10/04/2015

#### (54) Title of the invention : APTAMER FOR NGF AND USE 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> </ul>	:C12N15/115,A61K31/7088,A61P29/00 :2010-068546 :24/03/2010 :Japan :PCT/JP2011/057105 :24/03/2011 :WO 2011/118682	<ul> <li>(71)Name of Applicant : <ol> <li>RIBOMIC INC.</li> <li>Address of Applicant :16-13, Shirokanedai 3-chome, Minato- ku, Tokyo 108-0071, JAPAN</li> </ol> </li> <li>2)Shionogi &amp; Co., Ltd.</li> <li>(72)Name of Inventor : <ol> <li>NAKAMURA Yoshikazu</li> <li>JIN Ling</li> <li>HIRAMATSU Hisanao</li> </ol> </li> </ul>
(87) International		

(57) Abstract :

Disclosed is a better quality aptamer having binding activity on NGF. This aptamer binds to NGF satisfying (1) and (1): (1) Includes a sequence expressed by UGAAARAAACC (SEQ ID NO: 64) or CGAAMRAAACU (EQ ID NO: 65). (2) Length of 73 bases or less.

No. of Pages : 103 No. of Claims : 37

Ser ial Nu mb er	Patent Numbe r	Application Number	Date of Applicatio n	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropr iate Office
1	266085	4184/DELNP/2008	30/11/2006	02/12/2005	VERSATILE PIGMENTED INK-JET INKS WITH IMPROVED IMAGE QUALITY	HEWLETT - PACKARD DEVELOPMENT COMPANY, L.P.	01/08/2008	DELHI
2	266086	6412/DELNP/2009	11/04/2008	13/04/2007	METHOD FOR THE TREATMENT AND REUSE OF A STRIPPER SOLUTION	YARA SUOMI OY	04/05/2012	DELHI
3	266087	7493/DELNP/2007	24/03/2006	24/03/2005	AN ANTIGEN-BINDING MOLECULE CAPABLE OF BINDING TO PIGF	THROMBOGENICS N.V.,LIFE SCIENCES RESEARCH PARTNERS,VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE VZW	02/11/2007	DELHI
4	266088	1137/DELNP/2008	11/08/2005	11/08/2005	SEMICONDUCTOR PORCELAIN COMPOSITION	HITACHI, METALS, LTD.	04/07/2008	DELHI
5	266092	2431/DELNP/2008	20/09/2006	21/09/2005	A METHOD FOR DATA TRANSMISSION MANAGEMENT IN AN INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) 802.11 ACCESS POINT	INTER DIGITAL TECHNOLOGY CORPORATION	25/07/2008	DELHI
6	266093	2982/DELNP/2007	24/10/2005	25/10/2004	LOADABLE POLYMERIC PARTICLES FOR THERAPEUTIC AND/OR DIAGNOSTIC APPLICATIONS AND METHODS OF PREPARING AND USING THE SAME	CELONOVA BIOSCIENCES GERMANY GMBH	31/08/2007	DELHI
7	266105	8146/DELNP/2009	06/03/2009	07/03/2008	STABLE FORMULATED SYSTEMS WITH CHLORO-3,3,3- TRIFLUOROPROPENE	ARKEMA, INC.	16/07/2010	DELHI
8	266114	3956/DELNP/2008	15/09/2006	10/11/2005	BRANCHED FLUOROPOLYMERS	ARKEMA INC	15/08/2008	DELHI
9	266159	8232/DELNP/2007	19/04/2006	19/04/2005	HUMANIZED ANTI-CD70 BINDING AGENTS	SEATTLE GENETICS,INC.	23/11/2007	DELHI

10	266160	3733/DELNP/2007	14/12/2005	16/12/2004	A METHOD OF PREPARING AN N- SUBSTITUTED SALCYLAMIDE	NOVARTIS AG.	24/08/2007	DELHI
11	266168	1206/DEL/2007	05/06/2007 16:18:05			INDIAN INSTITUTE OF TECHNOLOGY	23/01/2009	DELHI
12	266169	4922/DELNP/2007	29/12/2005	30/12/2004	IDONING PUMPTINIT	GRUNDFOS MANAGEMENT A/S	17/08/2007	DELHI
13	266174	4559/DELNP/2006	23/02/2005	23/02/2004		TECHNOLOGICAL RESOURCES PTY LIMITED	10/08/2007	DELHI

Ser ial Nu mb er	Patent Numbe r	Application Number	Date of Applicatio n	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	266079	1359/MUM/2005	28/10/2005		MOUNTING STRUCTURE FOR FLANGE MOUNTED MOTORS IN VERTICAL POSITION	LARSEN & TOUBRO LIMITED	10/08/2007	MUMBAI
2	266089	1156/MUMNP/2007	02/02/2006	15/02/2005	IMPROVED RECEIVE WINDOW UPDATES IN COMMUNICATION SYSTEMS	TELEFONAKTIEBOLAG ET LM ERICSSON (PUBL)	12/10/2007	MUMBAI
3	266095	1842/MUMNP/2008	28/03/2006	28/03/2006	LAMINATED VEHICLE WALL	VOLVO LASTVAGNAR AB	13/02/2009	MUMBAI
4	266104	656/MUM/2008	26/03/2008		METHOD OF TESTING IN VEHICLE CONDITION POWER TRAIN TORSIONAL VIBRATION FOR VEHICLE	TATA MOTORS LIMITED	16/05/2008	MUMBAI
5	266106	175/MUMNP/2009	26/07/2007	15/08/2006	SECURITY BARRIER AND A METHOD FOR DEPLOYING THE SECURITY BARRIER THEREOF	HESCO BASTION LIMITED	15/05/2009	MUMBAI
6	266107	1691/MUMNP/2007	24/03/2006	25/03/2005	SYSTEM AND METHOD FOR CREATING A WIRELESS PICOCELL	QUALCOMM INCORPORATED	02/11/2007	MUMBAI
7	266110	798/MUMNP/2008	26/09/2006	30/09/2005	TENSION APPLICATION APPARATUS	NHK SPRING CO., LTD.	13/06/2008	MUMBAI
8	266111	759/MUMNP/2007	22/11/2005	24/11/2004	DIGITAL AUDIO/VIDEO DATA PROCESSING UNIT AND METHOD FOR CONTROLLING ACCESS TO SAID DATA	NAGRAVISION SA	03/08/2007	MUMBAI
9	266118	733/MUMNP/2008	27/10/2006	27/10/2005	A METHOD AND AN APPARATUS FOR MANAGING FREQUENCY RESOURCES IN A WIRELESS COMMUNICATIONS ENVIRONMENT	QUALCOMM INCORPORATED	05/09/2008	MUMBAI

10	266149	1613/MUMNP/2008	29/12/2006	31/12/2005	CLOSURE DEVICE	KAUSHAL, KUL BHUSHAN	12/12/2008	MUMBAI
11	266151	1898/MUM/2007	27/09/2007		A PROCESS OF PREPARING MELT GRANULATED PHARMACEUTICAL COMPOSITION	WOCKHARDT LTD.	11/06/2010	MUMBAI
12	266162	834/MUM/2008	09/04/2008 15:03:54	27/04/2007	END USER CONTROL CONFIGURATION SYSTEM WITH DYNAMIC USER INTERFACE	ACCENTURE GLOBAL SERVICES LIMITED	13/08/2010	MUMBAI
13	266163	1625/MUMNP/2008	23/02/2007	24/02/2006	TWO-LEVEL INTERRUPT SERVICE ROUTINE	QUALCOMM INCORPORATED	10/10/2008	MUMBAI
14	266173	1569/MUMNP/2006	12/07/2005	14/07/2004	COMMUNICATION TERMINAL APPARATUS AND WIRELESS TRANSMISSION METHOD	OPTIS WIRELESS TECHNOLOGY,LLC	08/06/2007	MUMBAI

Ser ial Nu mb er	Patent Numbe r	Application Number	Date of Applicatio n	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	266078	2694/CHENP/2007	22/12/2005	22/12/2004	A METHOD AND A DEVICE FOR CONTROLLED RECLOSING OF A CIRCUIT BREAKER	ABB AB	07/09/2007	CHENNAI
2	266081	565/CHE/2009	12/03/2009 16:19:36	14/03/2008	AN AIRCRAFT FILTER DEVICE WITH A MEMBER FOR KEYING AND DRIVING THE CARTRIDGE	MESSIER-BUGATTI- DOWTY	18/09/2009	CHENNAI
3	266082	705/CHE/2007	03/04/2007		LUBRICATION SYSTEM FOR INTERNAL COMBUSTION ENGINE	R &D, TVS MOTOR COMPANY LIMITED	09/04/2010	CHENNAI
4	266083	6775/CHENP/2008	18/06/2007	28/06/2006	VERSATILE AND COMPACT DC-COUPLED CML BUFFER	QUALCOMM INCORPORATED	27/03/2009	CHENNAI
5	266090	5730/CHENP/2007	09/05/2006	12/05/2005	PROPYLENE-ETHYLENE COPOLYMERS AND PROCESS FOR THEIR PREPARATION	BASELL POLIOLEFINE ITALIA S.R.L	13/06/2008	CHENNAI
6	266112	121/CHE/2007	19/01/2007		SHOCK ABSORBER FOR AN AUTOMOBILE	TVS MOTOR COMPANY LIMITED	28/11/2008	CHENNAI
7	266113	2486/CHENP/2007	01/12/2005	09/12/2004	HYDROPHOBING POLYMER POWDER THAT CAN BE REDISPERSED IN WATER	WACKER CHEMIE AG	07/09/2007	CHENNAI
8	266116	5888/CHENP/2007	14/06/2006	23/06/2005	A METHOD OF DYEING KERATIN-CONTAINING FIBERS WITH NITROSULFIDE DYES	CIBA HOLDING INC	13/06/2008	CHENNAI
9	266122	2483/CHENP/2007	10/11/2005	09/12/2004	3-CYCLOPROPYL-4-(3- AMINO-2- METHYLBENZOYL) PYRAZOLE COMPOUNDS	BAYER CROPSCIENCE AG	07/09/2007	CHENNAI
10	266125	2655/CHENP/2008	24/11/2006	28/11/2005	APPARATUS AND METHOD FOR CONTROLLED PELLETIZATION PROCESSING	GALA INDUSTRIES, INC	06/03/2009	CHENNAI
11	266126	330/CHENP/2009	06/06/2007	21/06/2006	A METHOD AND SYSTEM FOR FEDERATED RESOURCE DISCOVERY IN DISTRIBUTED SYSTEMS	INTERNATIONAL BUSINESS MACHINES CORPORATION	05/06/2009	CHENNAI

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2 266	66128	6918/CHENP/2008	12/02/2007	23/06/2006	VARIABLE FLOW CONTROL METHOD AND DEVICE BETWEEN AIR INTAKE AND THROTTLE	CHANG,CHUN-HSIUNG	27/03/2009	CHENNAI
3 266	56129	3106/CHENP/2008	01/11/2006	22/11/2005	ORGANIC SULFUR COMPOUNDS AND USE THEREOF	SUMITOMO CHEMICAL COMPANY LIMITED	06/03/2009	CHENNAI
4 266	56130	4970/CHENP/2007	02/05/2006	04/05/2005	4-PHENYL-5-OXO- 1,4,5,6,7,8- HEXAHYDROQUINOLINE DERIVATIVES AS MEDICAMENTS FOR THE TREATMENT OF INFERTILITY	MERCK SHARP & DOHME B.V.	27/06/2008	CHENNAI
5 266	66131	957/CHENP/2008	18/08/2006	26/08/2005	PHOTOPOLYMER PRINTING PLATE PRECURSOR	AGFA GRAPHICS NV	28/11/2008	CHENNAI
6 266	66132	802/CHENP/2008	07/08/2006	18/08/2005	METHOD OF REMOVING SULFUR DIOXIDE FROM A FLUE GAS STREAM	SOLVAY CHEMICALS INC	28/11/2008	CHENNAI
7 266	66133	3817/CHENP/2007	02/03/2006	03/03/2005	THERMOSETTABLE ADHESIVE TAPE, ARTICLES AND METHODS	3M INNOVATIVE PROPERTIES COMPANY	21/12/2007	CHENNAI
8 266	66134	1818/CHENP/2007	19/12/2005	30/12/2004	REMOTE DELIVERY OF LATEX DRAG-REDUCING AGENT	Lubrizol Speciality Products, Inc.	31/08/2007	CHENNAI
9 266	66135	3086/CHENP/2007	14/12/2005	14/12/2004	VIBRATIONAL APPARATUS	FLEXIDRILL LIMITED	07/09/2007	CHENNAI
20 266	66136	2599/CHENP/2009	16/10/2007	16/10/2006	METAL AND RESIN COMPOSITE AND METHOD FOR MANUFACTURING SAME	TAISEI PLAS CO.,LTD.,	02/04/2010	CHENNAI
21 266	66138	5857/CHENP/2007	03/05/2006	19/05/2005	PROCESS FOR PREPARING METALLIC WORKPIECES FOR COLD FORMING	CHEMETALL GMBH	27/06/2008	CHENNAI
22 266	66139	3423/CHENP/2007	27/01/2006	04/02/2005	A METHOD FOR CREATING ON A DEVICE HAVING DIGITAL RIGHTS	KONINKLIJKE PHILIPS ELECTRONICS N.V.	16/11/2007	CHENNAI
23 266	66143	104/CHE/2009	15/01/2009 16:10:46	15/01/2008	BUSHES WITH STOPPERS	CARL FREUDENBERG KG	14/08/2009	CHENNAI
24 266	56144	1635/CHE/2006	08/09/2006	09/09/2005	A PROCESS FOR THE PRODUCTION OF A PRECIPITATED SILICA AND PRECIPITATED SILICA PRODUCED THEREOF	EVONIK DEGUSSA GmbH	07/09/2007	CHENNAI
25 266	66145	2266/CHENP/2007	25/11/2005	26/11/2004	METHOD FOR PRODUCING A SINTERED BODY	PAKIT INTERNATIONAL TRADING COMPANY INC.	07/09/2007	CHENNAI
26 266	66146	571/CHENP/2008	01/08/2006	04/08/2005	CONDUCTIVE ADHESIVES AND BIOMEDICAL ARTICLES INCLUDING SAME	3M INNOVATIVE PROPERTIES COMPANY	28/11/2008	CHENNAI
25 266	56145	2266/CHENP/2007	25/11/2005	26/11/2004	AND PRECIPITATED SILICA PRODUCED THEREOF METHOD FOR PRODUCING A SINTERED BODY CONDUCTIVE ADHESIVES AND BIOMEDICAL ARTICLES INCLUDING	GmbH PAKIT INTERNATIONAL TRADING COMPANY INC. 3M INNOVATIVE PROPERTIES	07/09/2007	CI

27	266153	3267/CHE/2008	24/12/2008 15:45:25	28/12/2007	DATA SYNCHRONIZATION METHOD AND APPARATUS	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	21/08/2009	CHENNAI
28	266155	4831/CHENP/2007	28/03/2006	29/03/2005	A VALVE FOR AN EXPANDABLE GAS OR FLUID DISTRIBUTION SYSTEM	NORGREN, INC.	25/01/2008	CHENNAI
29	266156	837/CHENP/2007	22/08/2005	30/08/2004	SHADING PROCESS	CIBA HOLDING INC	24/08/2007	CHENNAI
30	266157	5809/CHENP/2007	14/06/2006	17/06/2005	2-(1H- INDOLYLSULFANYL)- ARYL AMINE DERIVATIVES	H. LUNDBECK A/S	13/06/2008	CHENNAI
31	266158	1021/CHENP/2008	28/07/2006	01/08/2005	A KNITTING DEVICE FOR PRODUCING A DOUBLE- SIDED TEXTILE	ABRAMO, JACQUES	12/09/2008	CHENNAI
32	266161	575/CHENP/2007	07/07/2005	14/07/2004	METHOD, DEVICE, ENCODER APPARATUS, DECODER APPARATUS AND AUDIO SYSTEM	DOLBY INTERNATIONAL AB,KONINKLIJKE PHILIPS ELECTRONICS N.V.	07/09/2007	CHENNAI
33	266164	2851/CHENP/2007	15/12/2005	27/12/2004	A METHOD FOR ENABLING AN APPLICATION TO COOPERATE WITH RUNNING OF AN OPTICAL DISC PROGRAM	KONINKLIJKE PHILIPS ELECTRONICS N.V.	07/09/2007	CHENNAI
34	266165	3874/CHENP/2008	15/02/2007	16/02/2006	METHOD AND SYSTEM FOR DISTRIBUTING MEDIA CONTENT TO MULTIPLE USERS	DELL PRODUCTS L.P.	13/03/2009	CHENNAI
35	266166	2732/CHENP/2007	08/12/2005	23/12/2004	METHOD AND APPARATUS FOR CONFIGURING SOFTWARE RESOURCES FOR PLAYING NETWORK PROGRAMS	KONINKLIJKE PHILIPS ELECTRONICS N.V	07/09/2007	CHENNAI
36	266167	5213/CHENP/2008	28/03/2007	28/03/2006	A METHOD FOR LEAF SENESCENCE IN A TRANSGENIC PLANT	CORNELL RESEARCH FOUNDATION, INC.	20/03/2009	CHENNAI
37	266170	6548/CHENP/2008	24/05/2007	25/05/2006	MULTI-GENE EXPRESSION VEHICLE	HEXIMA LIMITED	27/03/2009	CHENNAI
38	266171	5410/CHENP/2009	10/03/2008	09/03/2007	METHODS FOR PLANT TRANSFORMATION USING SPECTINOMYCIN SELECTION	MONSANTO TECHNOLOGY LLC	18/12/2009	CHENNAI
39	266172	2005/CHENP/2007	08/11/2005	11/11/2004	SELF-VENTING CLOSURE	OBRIST CLOSURES SWITZERLAND GMBH	07/09/2007	CHENNAI

Ser ial Nu mb er	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	266077	113/KOLNP/2008	01/07/2006	15/07/2005	HETEROCYCLYMIDE- SUBSTITUTED THIAZOLES, PYRROLES AND THIOPHESES	AICURIS GMBH & CO. KG.	12/09/2008	KOLKATA
2	266080	2618/KOLNP/2008	18/12/2006	29/12/2005	METHODS AND DEVICES FOR DATA ACCESS IN COMBINED SIM AND MASS STORAGE CARDS	MOTOROLA, INC.	23/01/2009	KOLKATA
3	266084	747/KOL/2006	26/07/2006		A LOOPER CONTROL SYSTEM IN HOT STRIP MILL.	STEEL AUTHORITY OF INDIA LIMITED	22/02/2008	KOLKATA
4	266091	756/KOLNP/2008	01/09/2006	02/09/2005	A METHOD OF CONTROLLING A POWER DELIVERY SYSTEM AND A POWER CELL	SIEMENS INDUSTRY.INC	08/08/2008	KOLKATA
5	266094	2810/KOLNP/2008	29/12/2006	31/12/2005	VECHICLE EMAIL NOTIFICATION USING DATA FROM DIFFERENT SOURCES	GENERAL MOTORS CORPORATION	30/01/2009	KOLKATA
6	266096	1679/KOLNP/2007	12/11/2004	11/05/2005	METHODS FOR REDUCING CORNEAL STAINING IN CONTACT LENS WEARERS	JOHNSON & JOHNSON VISION CARE, INC	27/07/2007	KOLKATA
7	266097	2210/KOLNP/2009	20/12/2007	29/12/2006	POLYETHYLENE COMPOSITION FOR BLOW MOULDED TRANSPORT PACKAGING ARTICLES	BOREALIS TECHNOLOGY OY	03/07/2009	KOLKATA
8	266098	3263/KOLNP/2006	08/05/2005	24/05/2004	DRILL WITH RELEASABLY MOUNTED CUTTING HEAD	ISCAR LTD.	08/06/2007	KOLKATA
9	266099	2003/KOLNP/2007	22/12/2005	23/12/2004	METHOD AND APPARATUS FOR SAFE OPERATION OF A SWITCHING DEVICE	SIEMENS AKTIENGESELLSCHA FT	10/08/2007	KOLKATA
10	266100	516/KOL/2008	13/03/2008	14/03/2007	LIGHT ILLUMINATING ELEMENT	MII, JENN-WEI	17/04/2009	KOLKATA
11	266101	809/KOL/2006	14/08/2006	01/09/2005	A DEVICE FOR COVERING A MATING END OF AN ELECTRICAL CONNECTOR	GM GLOBAL TECHNOLOGY OPERATIONS, INC	29/06/2007	KOLKATA
12	266102	850/KOLNP/2009	10/08/2007	10/08/2006	METHOD FOR GENERATING MICRONIZED SULPHUR	CCR TECHNOLOGIES LTD.	05/06/2009	KOLKATA
13	266103	1006/KOL/2008	10/06/2008 15:51:46	29/06/2007	SWITCHING DEVICE WITH TWO CONTROLLED PHASES	SIEMENS AKTIENGESELLSCHA FT	24/04/2009	KOLKATA

14	266108	3257/KOLNP/2007	10/01/2007	19/01/2006	METHOD AND APPARATUS FOR PROVIDING CONGESTION AND TRAVEL TIME INFORMATION TO USERS	LG ELECTRONICS INC.	04/01/2008	KOLKATA
15	266109	1120/KOL/2008	26/06/2008 15:37:09	30/07/2007	SYSTEM FOR USING A MULTI-PHASE MOTOR WITH A DOUBLE-ENDED INVERTER SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	24/04/2009	KOLKATA
16	266115	830/KOL/2006	18/08/2006		A MULTIPURPOSE DEVICE FOR PROCESSING OF HIGH VISCOUS PRODUCTS IN PARTICULAR DAIRY AND FOOD PRODUCTS	INDIAN INSTITUTE OF TECHNOLOGY	29/02/2008	KOLKATA
17	266117	1361/KOL/2006	15/12/2006	13/02/2006	A SYSTEM AND METHODS OF CONTROLLING TORQUE FOR AN INTERNAL COMBUSTION ENGINE OF A VEHICLE	GM GLOBAL TECHNOLOGY OPERATIONS, INC	24/08/2007	KOLKATA
18	266119	1309/KOL/2008	31/07/2008	17/08/2007	AN IMPROVED TRANSMISSION TO PROVIDE EIGHT FORWARD SPEED RATIOS AND ONE REVERSE SPEED RATIO WITH FOUR CONTROLLABLE PLANETARY GEAR SETS	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	01/05/2009	KOLKATA
19	266120	1530/KOLNP/2008	20/03/2007	27/06/2006	METHOD FOR SETTING UP A CONDENSATION PLANT	GEA ENERGIETECHNIK GMBH	02/01/2009	KOLKATA
20	266121	3614/KOLNP/2006	24/05/2005	26/05/2004	PROCESS FOR THE PRODUCTION OF A HYDROLYSED MARINE PROTEIN PRODUCT	NORCAPE BIOTECHNOLOGY AS	15/06/2007	KOLKATA
21	266123	2489/KOLNP/2007	15/12/2004	15/12/2004	DOPPLER ESTIMATION	TELEFONAKTIEBOLA GET LM ERICSSON (PUBL)	24/08/2007	KOLKATA
22	266124	3048/KOLNP/2007	06/02/2006	04/02/2005	ANTIBODIES OR ANTIGEN- BINDING FRAGMENTS THAT BIND TO EPHA2	RAVEN BIOTECHNOLOGIES, INC.	30/11/2007	KOLKATA
23	266127	3612/KOLNP/2008	27/02/2007	01/03/2006	ELECTROPHOTOGRAPHIC PHOTOCONDUCTOR, PRODUCTION METHOD THEREOF, IMAGE FORMING METHOD AND IMAGE FORMING APPARATUS USING PHOTOCONDUCTOR, AND PROCESS CARTRIDGE	RICOH COMPANY, LTD.	20/02/2009	KOLKATA
24	266137	1223/KOL/2008	17/07/2008	01/08/2007	A COMPACT MULTI-SPEED TRANSMISSION EXHIBITING IMPROVED EFFICIENCY,RESPONSIVEN ESS AND OPERATIONAL SMOOTHNESS	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	24/04/2009	KOLKATA

25	266140	1080/KOLNP/2007	16/09/2005	17/09/2004	CONTROLLED INFUSION SYSTEM WITH MULTIPLE DELIVERY UNITS	CARDINAL HEALTH 303, INC.	13/07/2007	KOLKATA
26	266141	1181/KOL/2008	08/07/2008		DEVICE FOR IN SITU LAPPING OF TURBINE VALVES IN HORIZONTAL ORIENTATION	BHARAT HEAVY ELECTRICALS LIMITED	15/01/2010	KOLKATA
27	266142	1476/KOL/2007	29/10/2007		A REFRACTORY BASED PAINT TO COAT ON GALVANIZING POT-WARE	TATA STEEL LIMITED.	05/06/2009	KOLKATA
28	266147	740/KOLNP/2008	29/07/2002	14/08/2001	METHODS FOR DESIGNING MULTIFOCAL OPHTHALMIC LENSES	JOHNSON & JOHNSON VISION CARE, INC.	21/11/2008	KOLKATA
29	266148	1138/KOLNP/2007	03/10/2005	01/10/2004	METHOD AND SYSTEM FOR ENABLING AN OFF BOARD NAVIGATION SOLUTION	NETWORKS IN MOTION, INC.	13/07/2007	KOLKATA
30	266150	2601/KOLNP/2008	20/12/2006	22/12/2005	A STREPTOCCUS PNEUMONIAE IMMUNOGENIC COMPOSITION	GLAXOSMITHKLINE BIOLOGICALS S.A.	23/01/2009	KOLKATA
31	266152	1335/KOL/2006	11/12/2006	27/01/2006	A METHOD FOR CONFIGURATION AN ENGINE COMPONENT TEMPERATURE ESTIMATOR	GM GLOBAL TECHNOLOGY OPERATIONS, INC	03/04/2009	KOLKATA
32	266154	63/KOL/2005	02/02/2005		A PROCESS FOR THE MANUFACTURE OF STABLE LOW PARTICLE SIZE ORGANOPOLYSILOXANE EMULSION	WACKER METROARK CHEMICALS PVT,LTD.	26/05/2006	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.

### CANCELLATION PROCEEDINGS under Section 19 of the Designs Act, 2000

"The Ld. Asstt. Controller of Patents & Designs passed an order on 8/4/2015 to dismiss the petition (Petition No. Can/007/2011) filed by M/s. Escorts Construction Equipment Ltd. of Plot No.219, Sector 58, Ballabhgarh, Dist. Faridabad, Haryana, India on 11/02/2011 for cancellation of registration of registered Design No. 225348 dated 15<sup>th</sup> October 2009 under Class 12-05 titled as "Hydraulic Crane" in the name of JCB India Limited, an Indian company having its registered office at B-1/1-1, 2<sup>nd</sup> Floor, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi, India and works at 23/7, Mathura Road, Ballabgarh, Haryana, India."

## **COPYRIGHT PUBLICATION**

SL NO	REGISTERED DESIGN NUMBERS	<b>RENEWED ON</b>
1.	198715	07.04.2015
2.	198716	07.04.2015
3.	198717	07.04.2015
4.	198718	07.04.2015
5.	198719	07.04.2015
6.	198720	07.04.2015
7.	198721	07.04.2015
8.	198722	07.04.2015
9.	198723	07.04.2015
10.	198724	07.04.2015
11.	198725	07.04.2015
12.	198726	07.04.2015

#### **REGISTRATION OF DESIGNS**

The following designs have been registered. They are now open for public inspection. In the following each entry the Date of Registration is shown. The Priority Number, Priority Date and Priority Country are also shown

DESIGN NUMBER		253145	
CLASS		09-05	
1)WM. WRIGLEY JR. COMPANY 410 NORTH MICHIGAN AVENUI			
DATE OF REGISTRATION	12	2/04/2013	<u>N</u> NN
TITLE	BLISTEI	R PACKAGING	<b>N</b> NN
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/434591	15/10/2012	U.S.A.	
DESIGN NUMBER		265133	
CLASS		10-06	
AT PLOT NO. 17-18 ROZ-KA-ME DISTRICT-MEWAT, HARYANA-122 DATE OF REGISTRATION TITLE PRIORITY NA	103 26	ATE, TEHSIL-NUH, 5/08/2014 D BARRIER	
DESIGN NUMBER		265194	
CLASS		12-16	
1) <b>DEERE &amp; COMPANY, A US CO</b> ONE JOHN DEERE PLACE, MOL		-8098 USA	
DATE OF REGISTRATION	27	7/08/2014	
TITLE	HOOD F	OR A VEHICLE	
PRIORITY NA	•		

DESIGN NUMBER	265448	
CLASS	09-07	
1) <b>SH. MANISH GOYAL, 133, KAI</b> ( <b>INDIA</b> ). AN INDIAN NATIONAL OF THE	PIL VIHAR, PITAMPURA, DELHI-110034, E ABOVE ADDRESS	
DATE OF REGISTRATION	05/09/2014	
TITLE	BOTTLE CAP	Million units Million
PRIORITY NA		
DESIGN NUMBER	265684	
CLASS	11-05	
INDUSTRIAL AREA, JAIPUR-3020	FIRM WHOSE PROPRIETOR IS GAUTAM	
DATE OF REGISTRATION	15/09/2014	
TITLE	FESTIVE DECORATIONS	
PRIORITY NA		
DESIGN NUMBER	261096	
CLASS	08-01	
COMPANY HAVING ITS REGIST	EA BALTIKURI, NEAR BALTIKURI TELEPHONI	
DATE OF REGISTRATION	19/03/2014	alles
TITLE	ROCK DRILL	LUIZ XET
PRIORITY NA		

DESIGN NUMBER		263394	
CLASS		15-99	
1)MR. ANUP ASHOK HATT. R/O FLAT NO. A44 SIDDAR 411006, MAHARASHTRA, IND	TH ESTATE HSG SO	OC. KALYANI NAGAR PUN	VE Rolo
DATE OF REGISTRATION		16/06/2014	11° %
TITLE	CRAN	K SHAFT CARRIER PLATE	3
PRIORITY NA			
DESIGN NUMBER	2	59333	
CLASS		15-04	ñ
1)CNH AMERICA LLC, A DI OF THE ADDRESS 700 STA STATES OF AMERICA			A TEACTA
DATE OF REGISTRATION	10/	/01/2014	1.1.4.
TITLE	WORK	K VEHICLE	H. H. & C. I.
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/461,565	24/07/2013	U.S.A.	
DESIGN NUMBER		265327	
		08-07	
CLASS			
CLASS 1)AMTUL HASEEN, PROPR MANUFACTURES, SITUATEI 88/384, HUMAYUN BAGH,	D AT		A A SA
1)AMTUL HASEEN, PROPR MANUFACTURES, SITUATEI	D AT		

DESIGN NUMBER		264848	
CLASS		23-01	
1)SMC CORPORATION, A JAPAN 4-14-1, SOTOKANDA, CHIYODA			
DATE OF REGISTRATION	19	9/08/2014	
TITLE	SOLE	NOID VALVE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	00,2
2014-007070	31/03/2014	JAPAN	$\rightarrow$
DESIGN NUMBER		265687	
CLASS		11-05	
AN INDIAN PROPRIETORSHIP F NATHANY, INDIAN NATIONAL OF <b>DATE OF REGISTRATION</b>	ABOVE ADDRESS	ETOR IS GAUTAM 5/09/2014	
· · · · · · · · · · · · · · · · · · ·			
TITLE	FESTIVE DECORATIONS		
PRIORITY NA			
DESIGN NUMBER	264442		
CLASS		15-03	
1)STANDARD CORPORATION INDIA LIMITED, OF STANDARD CHOWK, BARNALA, PUNJUB, INDIA, A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, OF THE ABOVE ADDRESS			
DATE OF REGISTRATION	04/08/2014		
TITLE	STRAW CHOPPER MACHINE		- Within the second
PRIORITY NA			

DESIGN NUMBER		264515	
CLASS		14-01	
1)BOSE CORPORATION, A CORP OF THE MOUNTAIN, MS 3B1 FRAM UNITED STATES OF AMERICA			
DATE OF REGISTRATION	0	6/08/2014	() ABB
TITLE	HE	ADPHONE	
PRIORITY	1		ALC: NO
PRIORITY NUMBER	DATE	COUNTRY	
29/482,027	13/02/2014	U.S.A.	
DESIGN NUMBER		263665	
CLASS		24-02	
1)GENERAL ELECTRIC COMPAN 1 RIVER ROAD, SCHENECTADY AMERICA			
DATE OF REGISTRATION	25/06/2014		
TITLE	PROBE FOR ULTRASOUND DEVICES		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		KL I
29/477794	27/12/2013	U.S.A.	
DESIGN NUMBER		263838	
CLASS		30-99	
1)SHIVAM POLYMERS, AN INDIA B-16 SITE B, SURAJPUR INDUST INDIA			
DATE OF REGISTRATION	0	2/07/2014	
TITLE	TOY	Y FOR PETS	1
PRIORITY NA			

DESIGN NUMBER		263540			
CLASS		10-07			(Sec12.2)
1)TURLEN HOLDING C/O SIPO S.A., CHEI SWITZERLAND	G SA, A SW MIN DU CH	V <b>ISS COMPANY OF</b> IÂTEAU 26A, 2805 S	7 SOYHII	ÈRES,	
DATE OF REGISTRAT	TION	20/0	06/2014		
TITLE		WAT	CH CAS	SE	
PRIORITY PRIORITY NUMBER 810081901		DATE 28/04/2014	CO WI	UNTRY PO	
DESIGN NUMBER			264628	3	
CLASS			13-02		
1)SIGNOTRON (IND) PLOT-J1-6 BLOCK - KOLKATA-700091, WE	EP, SECTO	OR V, SALT LAKE E			X,
DATE OF REGISTRAT	TION	0	8/08/20	14	
TITLE		PORTABLE E	BATTE	RY CHARGER	
PRIORITY NA					A Contraction of the second se
DESIGN NUMBER		266603			
CLASS		08-06			
1)TEJASBHAI MAVJ INDIAN NATIONAL) S HARDWARE (INDIAN HAVING PLACE OF NR. BHOJABHAGAT CI 360002-GUJARAT-(IND DATE OF REGISTRATION	OLE PRO PROPRIE BUSINESS HOWK, 50	PRIETOR OF BAJR TORSHIP CONCER S AT-PATEL NAGAR	RANG RN) R,	r	
TITLE		HANDLE			を翻
PRIORITY NA					

DESIGN NUMBER		250412	
CLASS		15-03	
1)M/S. MARSHAL AGRO (A PART PARTNERSHIP ACT 1932) HAVINO BRAHMANWADA, HIGH WAY RO GUJARAT, INDIA AND WHOSE PA PATEL TEJPAL MANUBHAI, PAT MANUBHAI, PATEL HASMUKHBHA PATEL MALTIBEN HIMAN	REGISTERED OFF AD, DISTRICT-MEH RTNERS ARE FEL HIMAN MANUB	<b>ICE AT-</b> I <b>SANA. UNJHA-384170.</b> HAI, SMT. KANTABEN	
DATE OF REGISTRATION	21	/12/2012	
TITLE	TH	IRESHER	
PRIORITY NA			
DESIGN NUMBER		262272	
CLASS		24-01	
1)ORTHO-TAIN, INC., OF THE AL 950 GREEN BAY ROAD, SUITE 2 AMERICA	fair Trip		
DATE OF REGISTRATION	01/05/2014		2
TITLE	DENTAL APPLIANCE		100-1
PRIORITY	1		
PRIORITY NUMBER	DATE	COUNTRY	
29/471,799	05/11/2013 U.S.A.		
DESIGN NUMBER	262336		
CLASS		14-01	
1)MICROSOFT MOBILE OY, A CORPORATION ORGANIZED UNDER THE LAWS OF FINLAND OF THE ADDRESS KEILARANTA 7, 02150 ESPOO, FINLAND			
DATE OF REGISTRATION	05/05/2014		0
TITLE	MUSIC PLAYER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/472034	07/11/2013 U.S.A.		

DESIGN NUMBER		246638	
CLASS	06-05		
1)M/S. SHARUS BUILDING COMPANY INCORPORATE HAVING THEIR OFFICE AT 70, MEDOWS STREET MAHARASHTRA, INDIA.	D UND	ER THE COMPANIES ACT, 1956)	
DATE OF REGISTRATION		20/07/2012	
TITLE		COMPOSITE FURNITURE	Josef I T
PRIORITY NA			
DESIGN NUMBER		264497	
CLASS	12-16		1
	HE CO	<b>ITED, (AN INDIAN COMPANY MPANIES ACT, 1956), HAVING ITS OFFICE</b> AL, DORAHA 141421	A CONTRACTOR OF A CONTRACTOR O
DATE OF REGISTRATION		05/08/2014	and a state of
TITLE		COUNTER ASSEMBLY OF CRANE	- Charles
PRIORITY NA			
DESIGN NUMBER		263796	
CLASS		19-06	
1)NATIONAL INSTITUTE PALDI, AHMEDABAD-380		SIGN LOCATED AT JJARAT, HAVING NATIONALITY AS INDIAN	
DATE OF REGISTRATION		01/07/2014	
TITLE		PENCIL SHARPNER	Je
PRIORITY NA			

DESIGN NUMBER		264642	
CLASS		23-01	
1)THE SUPREME INDUSTRIES L COMPANY), 601 CENTRAL PLAZA, 2/6, SARA BENGAL, INDIA			
DATE OF REGISTRATION	11	/08/2014	
TITLE	FITTINGS FOR S	EWERAGE DISPOSAL	
PRIORITY NA			
DESIGN NUMBER		264963	
CLASS		09-01	
1)P. E. T. ENGINEERING SRL, VIA CELTICA, 26-28, I-31020 SAN ITALY			
DATE OF REGISTRATION	21	/08/2014	
TITLE	BOTTLE		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
002411686-0002	25/02/2014	OHIM	
DESIGN NUMBER		265192	
CLASS		12-16	
1)DEERE & COMPANY, A US CORPORATION OF ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098 USA			
DATE OF REGISTRATION	27	/08/2014	
TITLE	HOOD FO	OR A VEHICLE	
PRIORITY NA			

DESIGN NUMBER	263797		
CLASS		19-06	
1)NATIONAL INSTITUTE OF DES PALDI, AHMEDABAD-380007, G		ATIONALITY AS INDIAN	
DATE OF REGISTRATION	01,	/07/2014	
TITLE	E	RASER	
PRIORITY NA			
DESIGN NUMBER		263392	_
CLASS		15-99	
1) <b>MR. ANUP ASHOK HATTARKI</b> R/O FLAT NO. A44 SIDDARTH E 411006, MAHARASHTRA, INDIA.		LYANI NAGAR PUNE	
DATE OF REGISTRATION	16	5/06/2014	
TITLE	CRANK SHAFT CARRIER PLATE		
PRIORITY NA			
DESIGN NUMBER		264749	
CLASS	31-00		
1)KONINKLIJKE PHILIPS N.V., A UNDER THE LAWS OF THE KING EINDHOVEN, WHOSE POST-OFFICE ADDRESS EINDHOVEN, THE NETHERLANDS	DOM OF THE NETH	ERLANDS, RESIDING AT	- CP
DATE OF REGISTRATION	13/08/2014		
TITLE	HAND BLENDER		M
PRIORITY PRIORITY NUMBER 002420711-0001	DATE 08/03/2014	COUNTRY OHIM	
			5

DESIGN NUMBER	261491	
CLASS	13-99	
THE COMPANIES ACT, 1956 V	JAIN SOCIETY, OPP: JAIN DAIRY, SION (WE	
DATE OF REGISTRATION	02/04/2014	
TITLE	SOLAR PHOTO-VOLTAIC MODUL	E
PRIORITY NA		
DESIGN NUMBER	265329	
CLASS	08-07	
MANUFACTURES, SITUATED	<b>ETOR OF M/S STAR TRADERS &amp;</b> A <b>T</b> CHAMAN GANJ, KANPUR-208001 (U.P.) INDIA	
DATE OF REGISTRATION	01/09/2014	
TITLE	HASP (SET)	
PRIORITY NA		
DESIGN NUMBER	265371	
CLASS	02-02	
GURU VIHAR, RAHON ROAD AN INDIAN PROPRIETORSH	A), 808, STREET NO. 2, SHANKER LANE, LUDHIANA-141007 (PUNJAB), INDIA, IIP FIRM WHOSE PARTNERS ARE:- ARJUN ING INDIAN NATIONALS OF THE ABOVE	
DATE OF REGISTRATION	02/09/2014	the second second second second
TITLE	T-SHIRT	<b>ເພິ່ງນີ້ເ</b> ພິ່ງຈະມີຄຸດເຫັດເປັນເຫັດເຫັດນີ້ແມ
PRIORITY NA		+<>+<>+<>+<>>+<>>+<>>+<>>+<>>+<>>+<>>+<

DESIGN NUMBER	264855	
CLASS	23-01	
COMPANY),	S LTD., (AN INDIAN PUBLIC LIMITED ARAT BOSE ROAD, KOLKATA - 700020, WEST	
DATE OF REGISTRATION	19/08/2014	
TITLE	FITTINGS FOR SEWERAGE DISPOSAL	
PRIORITY NA		
DESIGN NUMBER	266072	
CLASS	12-16	
MAHARASHTRA, INDIA. DATE OF REGISTRATION	26/09/2014	
	POLLO BUNDER, MUMBAI 400001.	
DATE OF REGISTRATION	26/09/2014	
TITLE	CENTER CONSOLE IN A VEHICLE	and the second s
PRIORITY NA		
DESIGN NUMBER	265689	
CLASS	11-05	
INDUSTRIAL AREA, JAIPUR-3	IP FIRM WHOSE PROPRIETOR IS GAUTAM	
DATE OF REGISTRATION	15/09/2014	
TITLE	FESTIVE DECORATIONS	
PRIORITY NA		an Man

DESIGN NUMBER		263421			
CLASS		1	2-16		
1)R. N. GUPTA & COMPANY INCORPORATED UNDER THE AT UNIT-II, GT ROAD, TEHSIL P	COMP	ANIES ACT, 1956),		ICE	i de la companya de l
DATE OF REGISTRATION		17/0	06/2014		100 Mar
TITLE		REAR FRA	ME OF CRANE		
PRIORITY NA					NUMBER OF THE OWNER
DESIGN NUMBER		263560			
CLASS		15-04			10
1)MAHINDRA & MAHINDRA LIMITED, A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956 WHOSE ADDRESS IS GATEWAY BUILDING, APOLLO BUNDER, MUMBAI 400001, MAHARASHTRA, INDIA					TOS SOST
DATE OF REGISTRATION		20/06/2014			15 // 4
TITLE	LOAI	OADER ARM FOR BACKHOE LOADER			H H
PRIORITY NA				al a	a bar
DESIGN NUMBER		20	53310		
CLASS		24-01			
1)SMITH & NEPHEW INC., OF 1450 BROOKS ROAD, MEMPHIS, TENNESSEE 38116, U.S.A.					
DATE OF REGISTRATION		13/06/2014			
TITLE		CLAMP FOR MEDICAL PUMP			
PRIORITY	RIORITY				
PRIORITY NUMBER		DATE	COUNTRY		570
29/492,115		28/05/2014 U.S.A.			- CHE

DESIGN NUMBER	253	3148	
CLASS	09	9-05	
1)WM. WRIGLEY JR. CO COMPANY OF 410 NORTH MICHIGAN USA			
DATE OF REGISTRATION	12/04	4/2013	
TITLE	FOLDABLE BLIS	STER PACKAGING	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/434591	15/10/2012	U.S.A.	
DESIGN NUMBER		265320	
CLASS		11-02	
1)AMAR SINGH YADAV DECORATERS, SITUATEI 2/778, SUHAG NAGAR, ADDRESS	<b>D AT</b> FIROZABAD (U.P.)	INDIA, OF ABOVE	,
DATE OF REGISTRATION		01/09/2014	
TITLE	FL	LOWER VASE	
PRIORITY NA			
DESIGN NUMBER		265449	
CLASS		09-07	
1) <b>SH. MANISH GOYAL,</b> 133, KAPIL VIHAR, PITA NATIONAL OF THE ABOV		10034, (INDIA). AN I	INDIAN
DATE OF REGISTRATION	ı	05/09/2014	1.4
TITLE		BOTTLE CAP	
PRIORITY NA			

DESIGN NUMBER		260178			
CLASS		24-01			
1) <b>MICHAEL PERTHU, A D</b> A OF FRUEBJERGVEJ 3 2100			ENMARK		
DATE OF REGISTRATION		06/0	2/2014		
TITLE		AUTO-I	NJECTOR	and a	
PRIORITY				0)	
PRIORITY NUMBER	I	DATE	COUNTRY		
002287417-0002	(	06/08/2013	OHIM		
DESIGN NUMBER			265685	1	
CLASS			11-05		
DATE OF REGISTRATION TITLE PRIORITY NA		15/09/2014 FESTIVE DECORATIONS			
DESIGN NUMBER			263306		
CLASS			29-02		-
1)RESGUARDO INDUSTRII UNDER THE COMPANIES A BUSINESS AT SHED NO. 3, PLOT NO. 17, TALUK, BANGALORE URBAN					
DATE OF REGISTRATION		12/06/2014			
TITLE		RESCUE CAP			
PRIORITY NA					
					1

DESIGN NUMBER		265333		
CLASS		11-02		
1)AMAR SINGH YADAV, TRADING AS M/S. S. N. GLASS DECORATERS, SITUATED AT 2/778, SUHAG NAGAR, FIROZABAD (U.P.) INDIA, OF ABOVE ADDRESS			CEEFE CAR	
DATE OF REGISTRATION		01/09/2014	1 States	supericity j
TITLE		FLOWER VASE		and the second s
PRIORITY NA				
DESIGN NUMBER		26485	7	
CLASS		23-01		
1)THE SUPREME INDUSTRIES LTD., (AN INDIAN PUBLIC LIMITED COMPANY), 601 CENTRAL PLAZA, 2/6, SARAT BOSE ROAD, KOLKATA - 700020, WEST BENGAL, INDIADATE OF REGISTRATION19/08/2014				
TITLE     FITTINGS FOR SEWERAGE DISPOSAL       PRIORITY NA				
DESIGN NUMBER		26546	1	
CLASS		08-06	5	
1)MANISHBHAI K. CHOVATIYA AN INDIAN NATIONAL SOLE PROPRIETOR OF SAFAR INDUSTRIES AN INDIAN PROPRIETORSHIP FIRM HAVING ITS PRINCIPAL PLACE OF BUSINESS AT PLOT NO. A/16, PATEL IND. AREA, B/H. RIDDHI SIDDHI SOC., NEAR OVER BRIDGE, GONDAL CHOWKDI, RAJKOT, GUJARAT-INDIA DATE OF REGISTRATION 05/09/2014				( Salesan
	UN			
TITLE KNOB PRIORITY NA			E	

DESIGN NUMBER	262543	
CLASS 27-05		
1) <b>TEJAS SHAH, BEING AN E</b> 22, HEYSHAM ROAD, KOLF		
DATE OF REGISTRATION	13/05/2014	h H
TITLE	CIGARETTE LIGH	ITER
PRIORITY NA		68
DESIGN NUMBER	261321	
CLASS	24-01	
1)RAHUL RASTOGI, B-1202, GARDENIA, GRACE 201301.	APARTMENTS, SECTOR-62, NOIDA	A, UP-
DATE OF REGISTRATION	28/03/2014	
TITLE	ECG MEASURING DEVICE	
PRIORITY NA		
DESIGN NUMBER	265690	
CLASS	11-05	
INDUSTRIAL AREA, JAIPUR-	IP FIRM WHOSE PROPRIETOR IS G	
DATE OF REGISTRATION	15/09/2014	
TITLE	FESTIVE DECORAT	TIONS
PRIORITY NA	·	

DESIGN NUMBER		265865		
CLASS		09-01		
ADDRESS IS		INDIAN NATIONAL, WHO		$\sim$
CHENNAI-600048, TA	MIL N	IADU, INDIA		
DATE OF REGISTRATION		23/09/2014		
TITLE		BOTTLE		
PRIORITY NA				
DESIGN NUMBER		265325		
CLASS		11-02		
GLASS DECORATER	S <b>., SI</b> GAR, I	TRADING AS M/S. S. N. FUATED AT FIROZABAD (U.P.) INDIA,	6	
DATE OF REGISTRATION		01/09/2014	2	
TITLE		FLOWER VASE		
PRIORITY NA				
DESIGN NUMBER		265366		
CLASS		02-02		
LANE, GURU VIHAR (PUNJAB), INDIA, AN INDIAN PROPE	, <b>RAE</b> RIETC ARUN	NDIA), 808, STREET NO. 2, 5 ION ROAD, LUDHIANA-141 DRSHIP FIRM WHOSE PARTI IA SOOD BEING INDIAN NA	<b>007</b> NERS ARE:-	
DATE OF REGISTRATION		02/09/2014		
TITLE		T-SHIRT		
PRIORITY NA				

DESIGN NUMBER	265450	
CLASS	09-07	
1) <b>SH. MANISH GOYAL,</b> 133, KAPIL VIHAR, PITAMPURA, NATIONAL OF THE ABOVE ADDRE	DELHI-110034, (INDIA). AN INDIAN SS	
DATE OF REGISTRATION	05/09/2014	A STATE THAT AND
TITLE	BOTTLE CAP	
PRIORITY NA		
DESIGN NUMBER	265686	
CLASS	11-05	N N
NATHANY, INDIAN NATIONAL OF	RM WHOSE PROPRIETOR IS GAUTAM ABOVE ADDRESS	
DATE OF REGISTRATION	15/09/2014	
TITLE	FESTIVE DECORATIONS	
PRIORITY NA		a de la companya de l
DESIGN NUMBER	265772	
CLASS	15-03	
1)TRACTORS AND FARM EQUIP INCORPORATED UNDER THE CON REGISTERED OFFICE AT NO. 861, ANNASALAI, CHENNAI	MPANIES ACT, 1956, HAVING ITS	
DATE OF REGISTRATION	19/09/2014	
TITLE	HARROW	
TITLE		

DESIGN NUMBER		261565	
CLASS		15-01	
1)MAHINDRA & MAHINDRA LT THE INDIAN COMPANIES ACT, 19 GATEWAY BUILDING, APOLLO INDIA.	SO		
DATE OF REGISTRATION	С	07/04/2014	
TITLE	PISTC	ON OF ENGINE	
PRIORITY NA			
DESIGN NUMBER		265275	
CLASS		13-03	
1) <b>TYCO ELECTRONICS JAPAN (</b> 3-5-8, HISAMOTO, TAKATSU-KU JAPAN			
DATE OF REGISTRATION	2	29/08/2014	NU LNS
TITLE	ELECTRICAL CONNECTOR		A MARTING AND A MARTING AND
PRIORITY	ТҮ		
PRIORITY NUMBER	DATE	COUNTRY	
2014-005540	17/03/2014	JAPAN	
DESIGN NUMBER		261030	
CLASS		24-01	
1)GCE HOLDING AB, A SWEDISI BOX 21044, 200 21 MALMO, SWE	an and for party of		
DATE OF REGISTRATION	1	8/03/2014	
TITLE	MEDICAI	L GAS DISPENSER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002311522-0002	18/09/2013	OHIM	

DESIGN NUMBER		263913		
CLASS		24-04	~	
1)GLAXO GROUP LIMITED, 980 GREAT WEST ROAD, BR KINGDOM (GB), A BRITISH CO		ESEX TW8 9GS, UN	ITED	
DATE OF REGISTRATION		07/07/2014		$\angle$
TITLE		INHALER		
PRIORITY				()
PRIORITY NUMBER	DATE	COUNTE	RY	
4033636	08/01/2014	U.K.		An only and other to a stress
DESIGN NUMBER		265284		
CLASS		13-03		
1)HAVELLS INDIA LIMITED 1, RAJ NARAIN MARG, CIVI				
DATE OF REGISTRATION	0	1/09/2014		
TITLE	RESIDUAL CURRENT CIRCUIT BREAKER			
PRIORITY NA			T	
DESIGN NUMBER	2653	941		
CLASS	11-(	02		
1)AMAR SINGH YADAV, TRA DECORATERS, SITUATED AT 2/778, SUHAG NAGAR, FIRO ADDRESS			0	C- C
DATE OF REGISTRATION	01/09/2014			
TITLE	FLOWER	R VASE	111	the milde
PRIORITY NA				Cat

DESIGN NUMBER		265561	
CLASS	03-01		$\bigcirc$
1)SANDVIK INTELLECTUAL I SE-811 81 SANDVIKEN, SWED		ANY	
DATE OF REGISTRATION	09	0/09/2014	
TITLE	TC	OOL BOX	
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	
001408306	07/04/2014	OHIM	
DESIGN NUMBER		262906	
CLASS		24-02	
1)WOCKHARDT LIMITED, D-4, MIDC AREA, CHIKALTH NATIONALITY-INDIA	ANA, AURANGABAD-43	31006, M.S., INDIA,	
DATE OF REGISTRATION	27	//05/2014	
TITLE	SELF INJEC	TION PEN DEVICE	
PRIORITY NA			
DESIGN NUMBER	2639	14	
CLASS	24-0	)4	
1)GLAXO GROUP LIMITED, 980 GREAT WEST ROAD, BRE KINGDOM (GB), A BRITISH COM	PANY		
DATE OF REGISTRATION	07/07/2		
TITLE	INHA	LER	K M
PRIORITY		1	
PRIORITY NUMBER	DATE	COUNTRY	
4033637	08/01/2014	U.K.	

DESIGN NUMBER	264464	
CLASS	08-06	
HAVING PLACE OF BUSINESS AT	RDHARA (ADULT & INDIAN NATIONAL) - AYANICHOWK, RAJKOT-GUJARAT-( INDIA)	
DATE OF REGISTRATION	05/08/2014	
TITLE	HANDLE	
PRIORITY NA		
DESIGN NUMBER	252175	
CLASS	25-01	
1)SAMI ARIVASGAN GOVIND TH NATIONALITY INDIAN, ADDRESS 15, POOJA CHAMBERS, TRAJPA INDIA		
DATE OF REGISTRATION	07/03/2013	
TITLE	TILE	
PRIORITY NA		
DESIGN NUMBER	261563	
CLASS	15-01	400
THE INDIAN COMPANIES ACT, 19	D., A COMPANY INCORPORATED UNDER 113 OF BUNDER, MUMBAI 400 001, MAHARASHTRA,	
DATE OF REGISTRATION	07/04/2014	
TITLE	PISTON OF ENGINE	
PRIORITY NA		

DESIGN NUMBER		265274			
CLASS		13-03			
1)TYCO ELECTRONICS JAPAN G.K., A JAPANESE COMPANY, OF 3-5-8, HISAMOTO, TAKATSU-KU, KAWASAKI-SHI, KANAGAWA 213-8535, JAPAN					P
DATE OF REGISTRATION		2	9/08/2014		/ 47
TITLE		ELECTRIC	CAL CONNI	ECTOR	
PRIORITY					Communumnumnumnum
PRIORITY NUMBER		DATE	COUI	NTRY	
2014-005539		17/03/2014	JAPA	N	
DESIGN NUMBER		265338			
CLASS		11-02			
DECORATERS, SITUATED A 2/778, SUHAG NAGAR, FIR ADDRESS DATE OF REGISTRATION TITLE PRIORITY NA		DING AS M/S. S. N. GLASS ABAD (U.P.) INDIA, OF ABOVE 01/09/2014 FLOWER VASE			
DESIGN NUMBER			264805		
CLASS			08-07		
1)SURESH MARUTI MORE UTKARSH CO.OP.HSG.LTD. MANDIR ROAD, VAZIRA NA OF MAHARASHTRA, INDIA. PROPRIETOR OF PACK SE FIRM OF ABOVE ADDRESS. DATE OF REGISTRATION TITLE	ÀNAN KA, B(	<b>DROA PAWAR HIO</b> O <b>RIVALI (WEST), I</b> IDUSTRIES. AN INE	GH SCHOO MUMBAI-4	L, RAM 00092, STATE	
PRIORITY NA					

DESIGN NUMBER			261029		
CLASS	24-01				
1)GCE HOLDING AB, A SY BOX 21044, 200 21 MALM					
DATE OF REGISTRATION		1	8/03/2014		
TITLE		MEDICAI	L GAS DISPE	NSER	
PRIORITY					
PRIORITY NUMBER		DATE	COUN	ΓRY	
002311522-0001		18/09/2013	OHIM		
DESIGN NUMBER			260564		
CLASS			14-02		
1)ABB TECHNOLOGY AG AFFOLTERNSTRASSE 44 SWITZERLAND		H SWITZERLAND C	H-8050, NATI	ONALITY:	00000
DATE OF REGISTRATION		2	21/02/2014		000
TITLE	CONTROL DEVICE FOR INI AUTOMATION		DUSTRIAL	BCQ Sector	
PRIORITY	ľ				1 151
PRIORITY NUMBER		DATE	COUN	ΓRY	
29/468, 198		27/09/2013	U.S.A.		
DESIGN NUMBER		265693			
CLASS		11-02			10
1)M/S. SEET KAMAL INTERNATIONAL OF 3A, KAMANI ROAD, JHOTWARA INDUSTRIAL AREA, JAIPUR-302013 (RAJASTHAN), INDIA, AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS GAUTAM NATHANY, INDIAN NATIONAL OF ABOVE ADDRESSDATE OF REGISTRATION15/09/2014TITLEWALL ORNAMENT					
PRIORITY NA					025200

DESIGN NUMBER			26583	39	
CLASS			08-08	8	
1) <b>NAMDHARI PROD</b> OPP. POST OFFICE, SI AN INDIAN PROPRI SINGH, INDIAN NATIO	HIMLAPUR ETORSHIP F	<b>I, LUDH</b> FIRM WH	<b>IANA-141003 (P</b> HOSE PROPRIET	UNJAB), INDIA	
DATE OF REGISTRAT	ION		19/09/20	014	
TITLE		H	IANDLE NUT FO	OR BICYCLE	
PRIORITY NA					
DESIGN NUMBER	263897			3897	
CLASS			14	4-03	
KOREA A CORPORATIO	YEONGDEU ON INCORPO		OUNDER THE L		
DATE OF REGISTRAT	ION			7/2014	
TITLE			MOBIL	E PHONE	
PRIORITY PRIORITY NUMBER 30-2014-0019832		ATE /04/2014	COUNTRY REPUBLIC	Y C OF KOREA	
DESIGN NUMBER		26367	6		
CLASS		08-07	7	1	
1)INDUSTRILÅS I NÅ COMPANY OF BOX NO. 214, 571 23 DATE OF REGISTRATION					
TITLE	PADDL	E HAND	DLE LATCH	ALLER	
PRIORITY					
PRIORITY NUMBER	DATE		COUNTRY		
002384081-0005	14/01/2	2014	OHIM		

TITLE BOTTLE				
I)TAHILIANI DESIGN PVT. LTD., WHICH IS OF THE ADDRESS 708, PACE CITY-2, SPECTOR-37, PART-II, GURGAON (HARYANA), A COMPANY INCORPORATED UNDER THE LAWS OF INDIA         DATE OF REGISTRATION         IGO (COMPANY)         DATE OF REGISTRATION         IGO (COMPANY)         PRIORITY NA         DESIGN NUMBER         263593         CLASS         09-01         IPRAMIT SANGHA VI AND DEWANG SANGHAVI, PARTNERS TRADING AS V2 CORP. A PARTNERSHIP FIRM, INDIAN, MANUFACTURERS AND         MERCHANTS, WHOSE ADDRESS IS         WZ-8/1, INDUSTRIAL AREA, KIRTI NAGAR, NEW DELHI-110015, INDIA         DATE OF REGISTRATION         130062014         TITLE         PRIORITY NA         DESIGN NUMBER         CLASS         1000         DESIGN NUMBER         201409         CLASS         IIINO 31.03/2014         TITLE         DESIGN NUMBER         201409         CLASS         14-03         10/00TOROLA MOBILITY LLC,	DESIGN NUMBER	263	364	
708, PACE CITY-2, SECTOR-37, PART-I, GURGAON (HARYANA), A COMPANY INCORPORATED UNDER THE LAWS OF INDIA       Inte Correction of the Company of the	CLASS	02	-02	
TITLE       T-SHIRT FOR WOMEN         PRIORITY NA       JUNEAR         DESIGN NUMBER       263593         CLASS       09-01         IJPRAMIT SANGHAVI AND DEWANG SANGHAVI, PARTNERS TRADING AS V2 CORP., A PARTNERSHIP FIRM, INDIAN, MANUFACTURERS AND MERCHANTS, WHOSE ADDRESS IS       Image: Comparison of the state of the	708, PACE CITY-2, SECTOR-37, P			
PRIORITY NA       Image: Class	DATE OF REGISTRATION	16/06	//2014	A LAND
DESIGN NUMBER     263593       CLASS     09-01       I)PRAMIT SANGHAVI AND DEWANG SANGHAVI, PARTNERS TRADING AS V2 CORP., A PARTNERSHIP FIRM, INDIAN, MANUFACTURERS AND MERCHANTIS, WHOSE ADDRESS IS WZ-8/1, INDUSTRIAL AREA, KIRTI NAGAR, NEW DELHI-110015, INDIA     January Component of the state	TITLE	T-SHIRT FO	DR WOMEN	S MAR
CLASS       09-01         I)PRAMIT SANGHAVI AND DEWANG SANGHAVI, PARTNERS TRADING AS V2 CORP., A PARTNERSHIP FIRM, INDIAN, MANUFACTURERS AND MERCHANTS, WHOSE ADDRESS IS       Image: Comparison of the text of tex	PRIORITY NA			831
I)PRAMIT SANGHAVI AND DEWANG SANGHAVI, PARTNERS TRADING AS V2 CORP., A PARTNERSHIP FIRM, INDIAN, MANUFACTURERS AND MERCHANTS, WHOSE ADDRESS IS WZ-8/1, INDUSTRIAL AREA, KIRTI NAGAR, NEW DELHI-110015, INDIA         DATE OF REGISTRATION 23/06/2014         TITLE         BOTTLE         PRIORITY NA         DESIGN NUMBER         261409         CLASS         14-03         I)MOTOROLA MOBILITY LLC, 222 W. MERCHANDISE MART PLAZA, SUITE 1800, CHICAGO, ILLINOIS, 60654, UNITED STATES OF AMERICA, A LIMITED LIABILITY COMPANY OF THE STATE OF DELAWARE         DATE OF REGISTRATION         DATE OF REGISTRATION         PRIORITY NUMBER         DATE OF COUNTRY	DESIGN NUMBER	263	593	
V2 CORP., A PARTNERSHIP FIRM, INDIAN, MANUFACTURERS AND MERCHANTS, WHOSE ADDRESS IS WZ-8/1, INDUSTRIAL AREA, KIRTI NAGAR, NEW DELHI-110015, INDIA DATE OF REGISTRATION 23/06/2014 TITLE BOTTLE PRIORITY NA PRIORITY NA DESIGN NUMBER 261409 CLASS 14-03 1/MOTOROLA MOBILITY LLC, 222 W. MERCHANDISE MART PLAZA, SUITE 1800, CHICAGO, ILLINOIS, 60654, UNITED STATES OF AMERICA, A LIMITED LIABILITY COMPANY OF THE STATE OF DELAWARE DATE OF REGISTRATION 31/03/2014 TITLE BACK COVER OF MOBILE PHONE PRIORITY NUMBER DATE COUNTRY	CLASS	09	-01	
TITLE     BOTTLE       PRIORITY NA     BOTTLE         DESIGN NUMBER     261409       CLASS     14-03       1MOTOROLA MOBILITY LLC, 222 W. MERCHANDISE MART PLAZA, SUITE 1800, CHICAGO, ILLINOIS, 60654, UNITED STATES OF AMERICA, A LIMITED LIABILITY COMPANY OF THE STATE OF DELAWARE     60654, 01/03/2014       DATE OF REGISTRATION     31/03/2014       TITLE     BACK COVER OF MOBILE PHONE       PRIORITY     DATE       COUNTRY     DATE	V2 CORP., A PARTNERSHIP FIRM MERCHANTS, WHOSE ADDRESS	, INDIAN, MANUFACTU IS	URERS AND	
PRIORITY NA         DESIGN NUMBER       261409         CLASS       14-03         1)MOTOROLA MOBILITY LLC, 222 W. MERCHANDISE MART PLAZA, SUITE 1800, CHICAGO, ILLINOIS, 60654, UNITED STATES OF AMERICA, A LIMITED LIABILITY COMPANY OF THE STATE OF DELAWARE         DATE OF REGISTRATION       31/03/2014         TITLE       BACK COVER OF MOBILE PHONE         PRIORITY       UNITED         PRIORITY       DATE	DATE OF REGISTRATION	23/06	/2014	174
DESIGN NUMBER261409CLASS14-03I)MOTOROLA MOBILITY LLC, 222 W. MERCHANDISE MART PLAZA, SUITE 1800, CHICAGO, ILLINOIS, 60654, UNITED STATES OF AMERICA, A LIMITED LIABILITY COMPANY OF THE STATE OF DELAWAREIIII EDATE OF REGISTRATION31/03/2014TITLEBACK COVER OF MOBILE PHONEPRIORITYDATEPRIORITY NUMBERDATE	TITLE	BOT	TLE	
CLASS14-031)MOTOROLA MOBILITY LLC, 222 W. MERCHANDISE MART PLAZA, SUITE 1800, CHICAGO, ILLINOIS, 60654, UNITED STATES OF AMERICA, A LIMITED LIABILITY COMPANY OF THE STATE OF DELAWAREImage: Comparison of the state OF DELAWAREDATE OF REGISTRATION31/03/2014TITLEBACK COVER OF MOBILE PHONEPRIORITYDATEPRIORITY NUMBERDATE	PRIORITY NA			
1)MOTOROLA MOBILITY LLC, 222 W. MERCHANDISE MART PLAZA, SUITE 1800, CHICAGO, ILLINOIS, 60654, UNITED STATES OF AMERICA, A LIMITED LIABILITY COMPANY OF THE STATE OF DELAWARE         DATE OF REGISTRATION       31/03/2014         TITLE       BACK COVER OF MOBILE PHONE         PRIORITY       DATE         COUNTRY	DESIGN NUMBER	261	409	
222 W. MERCHANDISE MART PLAZA, SUITE 1800, CHICAGO, ILLINOIS, 60654, UNITED STATES OF AMERICA, A LIMITED LIABILITY COMPANY OF THE STATE OF DELAWARE       Image: Comparison of the state o	CLASS	14	-03	
TITLE     BACK COVER OF MOBILE PHONE       PRIORITY     DATE       PRIORITY NUMBER     DATE	222 W. MERCHANDISE MART PI UNITED STATES OF AMERICA, A L	0		
PRIORITY       PRIORITY NUMBER       DATE       COUNTRY	DATE OF REGISTRATION	31/03	/2014	
PRIORITY NUMBER DATE COUNTRY	TITLE	BACK COVER OF MOBILE PHONE		
	PRIORITY			
29/468,579 01/10/2013 U.S.A.	PRIORITY NUMBER	DATE	COUNTRY	
	29/468,579	01/10/2013	U.S.A.	

DESIGN NUMBER	266675		
CLASS	06-01		
1)NATIONAL INSTITUTE OF DES LOCATED AT PALDI, AHMEDAH AS INDIAN			
DATE OF REGISTRATION	10/10/2014	and the second se	
TITLE	SEAT FOR KIDS		
PRIORITY NA			
DESIGN NUMBER	263367		
CLASS	02-02		
1) <b>TAHILIANI DESIGN PVT. LTD.</b> 708, PACE CITY-2, SECTOR-37, P INCORPORATED UNDER THE LAW	<b>NO</b>		
DATE OF REGISTRATION	E OF REGISTRATION 16/06/2014		
TITLE	T-SHIRT FOR WOMEN		
PRIORITY NA			
DESIGN NUMBER	263434		
CLASS	12-16		
1)R. N. GUPTA & COMPANY LIM INCORPORATED UNDER THE CO AT UNIT-II, GT ROAD, TEHSIL PAY.			
DATE OF REGISTRATION	17/06/2014	No. of Concession, Name	
TITLE	REAR FRAME OF CRANE		
PRIORITY NA			

DESIGN NUMBER			264465		
CLASS	LASS 08-06				
1)MAHESHBHAI BABUBH HAVING PLACE OF BUSIN JAMNAPARK, BLOCK NO	ESS AT	Г-		,	
DATE OF REGISTRATION			05/08/2014	4	
TITLE			HANDLE	,	
PRIORITY NA					
DESIGN NUMBER		26	1422		
CLASS		24	-02		
1)KARL STORZ GMBH & MITTELSTRASSE 8, D-78				F	
DATE OF REGISTRATION		01/04	4/2014		
TITLE		UTERINE M.	ANIPULATOR		-
PRIORITY					
PRIORITY NUMBER	D	ATE	COUNTRY		
002320242	04	4/10/2013	OHIM		
DESIGN NUMBER			266867		
CLASS			11-02		
1)MALHOTRA FLOWERS BAZAR, DELHI-110006, IND (AN INDIAN PROPRIETO MALHOTRA AN INDIAN NA	OIA RSHIP	FIRM WHOS	E PROPRIETOR	,	
DATE OF REGISTRATION			21/10/2014	4	
TITLE			FLOWER P	TC	
PRIORITY NA					

DESIGN NUMBER		265610	)	
CLASS	09-07			
1)MUKESH KHANNA, SOLI CARE WHOSE ADDRESS IS PLOT NO. 45, POCKET H, S DELHI-110039, INDIA AN INDI	ECTOR-5, BAW	ANA IND	USTRIAL AREA,	
DATE OF REGISTRATION		11/09/20		
TITLE	CA	P FOR BO		
PRIORITY NA				
DESIGN NUMBER		263	916	
CLASS		24-	04	
1)GLAXO GROUP LIMITED 980 GREAT WEST ROAD, E KINGDOM (GB), A BRITISH C	RENTFORD, M	IDDLESE	X TW8 9GS, UNIT	ED
DATE OF REGISTRATION		07/07/	/2014	
TITLE		INHA	LER	$\neg$ $\land$ $\land$
PRIORITY PRIORITY NUMBER 4033644	DATE 08/01/20	14	COUNTRY U.K.	
DESIGN NUMBER		264	4886	
CLASS		23	3-02	SH
1)BOLD INTERNATIONAL EXISTING UNDER THE LAW AT PO BOX 261691, JAFZA, DU	S OF UNITED S	STATES, TARAB EM	HAVING ITS OFF	ICE
DATE OF REGISTRATION			8/2014	
TITLE PRIORITY PDIODITY NUMBER		1	WASHER	
PRIORITY NUMBER	DATE	COUN		
001405161-0001	28/02/2014	EURO	PEAN UNION	

DESIGN NUMBER		264940	
CLASS		07-02	
1)M/S SPEEDEX OVERSEAS PVT UNDER THE INDIAN COMPANIES PLOT NO. 33, HSIIDC INDUSTRI SONEPAT, HARYANA-131028 (INDI			
DATE OF REGISTRATION	21	/08/2014	
TITLE	CO	OK BOWL	
PRIORITY NA			
DESIGN NUMBER		263031	
CLASS		07-01	
1)ABHIJEET SIRIGIRI, WHOSE A H. NO: 9-4-84/77, KAKATIYA NA MEHDIPATNAM, HYDERABAD-500 NATIONALITY IS INDIAN			
DATE OF REGISTRATION	02	2/06/2014	
TITLE	MUG		
PRIORITY NA			
DESIGN NUMBER		262118	
CLASS		13-02	
1) <b>TAKANO CO., LTD.,</b> 137, MIYADA VILL, KAMIINA C			
DATE OF REGISTRATION	29	0/04/2014	
TITLE	ROTARY SOLENOID		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	J P
2014-000764	17/01/2014	JAPAN	

DESIGN NUMBER		257540	
CLASS		12-02	0
1)BEMIS MANUFACTURING C 300 MILL STREET, SHEBOYGA NATIONALITY:U.S.A.		I, USA 53085,	
DATE OF REGISTRATION	15	5/10/2013	
TITLE	GATE ASSEMBLY	Y OF A SHOPPING CART	ALL AND ALL AN
PRIORITY			Contraction of the second seco
PRIORITY NUMBER	DATE	COUNTRY	1 1000 1000 V
29/452,211	12/04/2013	U.S.A.	
DESIGN NUMBER		261603	
CLASS		12-12	
1)ARJO HOSPITAL EQUIPMEN VERKSTADSVÄGEN 5, SE-241 INCORPORATED UNDER THE LA	, 38 ESLÖV, SWEDEN, A		
DATE OF REGISTRATION	09	9/04/2014	and a second sec
TITLE	ST	RETCHER	Co Co Co
PRIORITY NA			
DESIGN NUMBER		264941	
CLASS		07-01	
1) <b>M/S SPEEDEX OVERSEAS PV</b> <b>UNDER THE INDIAN COMPANII</b> PLOT NO. 33, HSIIDC INDUSTI SONEPAT, HARYANA-131028 (INI			
DATE OF REGISTRATION	21	1/08/2014	
TITLE	SNA	CKS BOWL	
PRIORITY NA			

DESIGN NUMBER	265179		
CLASS	0	7-07	
1)AMIT BHATNAGAR AN INDIA CITIZEN OF 758, SECTOR 47, GURGAON-1220			
DATE OF REGISTRATION	27/0	8/2014	
TITLE	ICE	EBOX	
PRIORITY NA			
DESIGN NUMBER	20	65299	
CLASS	2	23-99	
1)SURESH DAGDOBA ZADBUKE C. S. NO. 1384, JAMWADI, SANG			
DATE OF REGISTRATION	01/	09/2014	
TITLE	AIR VALVE FOR AGRICULTURAL WATER SUPPLY LINE		
PRIORITY NA			
DESIGN NUMBER	20	65617	
CLASS	2	26-05	
1)MASCO CORPORATION OF IN THE ADDRESS 55 EAST 111TH STREET, INDIAN	,	,	
DATE OF REGISTRATION	11/	09/2014	
TITLE	LIGHTIN	IG FIXTURE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/488,636	22/04/2014	U.S.A.	

DESIGN NUMBER		262334	
CLASS		14-02	
1)MICROSOFT MOBILE OY, A LAWS OF FINLAND OF THE ADI KEILARANTA 7, 02150 ESPOO,			
DATE OF REGISTRATION	05	5/05/2014	
TITLE	H	ANDSET	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/472037	07/11/2013	U.S.A.	
DESIGN NUMBER		264617	
CLASS		15-07	
1) <b>PEPSICO, INC., INCORPORA</b> 700 ANDERSON HILL ROAD, P OF AMERICA			ES
DATE OF REGISTRATION	08	3/08/2014	
TITLE	С	COOLER	
PRIORITY PRIORITY NUMBER 29/481,899	DATE 11/02/2014	COUNTRY U.S.A.	
DESIGN NUMBER		261424	
CLASS		13-99	
1)WORLD PANEL, INC., A COR UNDER THE LAWS OF THE STAT AMERICA, HAVING A PLACE OF 300 CENTER DRIVE, G-278, BO AMERICA	FE OF DELAWARE, U F BUSINESS AT	ZED AND EXISTING NITED STATES OF	
DATE OF REGISTRATION	01	/04/2014	
TITLE	SOLAR PA	ANEL CHARGER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/470,187	17/10/2013	U.S.A.	
			V V

DESIGN NUMBER	264936	
CLASS	07-02	
UNDER THE INDIAN COMPANIE	<b>T. LTD., (A COMPANY INCORPORATED S ACT, 1956) HAVING ITS OFFICE AT</b> IAL ESTATE, SECTOR-57, PHASE-IV, KUNDLI, IA)	
DATE OF REGISTRATION	21/08/2014	
TITLE	FOOD CONTAINER	
PRIORITY NA		
DESIGN NUMBER	265611	
CLASS	09-07	
110039, INDIA AN INDIAN NATION		
DATE OF REGISTRATION	11/09/2014	and the second s
TITLE	CAP FOR BOTTLE	
PRIORITY NA		1 deserves
DESIGN NUMBER	262078	
CLASS	15-03	0
AND EXISTING UNDER THE LAV 101/19-24 MOO 20, NAVANAKO	<b>DN CO., LTD., A CORPORATION ORGANIZED</b> <b>VS OF THAILAND, OF</b> PRN INDUSTRIAL ESTATE, KLONGNEUNG SUB- CT, PATHUMTANI PROVINCE, THAILAND	
DATE OF REGISTRATION	25/04/2014	
TITLE ROTARY TILLER		
PRIORITY NA		· · · ·

DESIGN NUMBER	263925	
CLASS	12-11	
1)PAWAN CYCLE INDUSTRIES ( LUDHIANA-141010 (PUNJAB), IND AN INDIAN PROPRIETORSHIP F INDIAN NATIONAL OF ABOVE ADI		
DATE OF REGISTRATION	08/07/2014	
TITLE	BICYCLE BELL	
PRIORITY NA		
DESIGN NUMBER	263436	
CLASS	12-16	
1)R. N. GUPTA & COMPANY LIM INCORPORATED UNDER THE CO AT UNIT-II, GT ROAD, TEHSIL PAY. DATE OF REGISTRATION	× ×	
TITLE	17/06/2014 REAR BONNET OF CRANE	
PRIORITY NA	REAR BONNET OF CRANE	
DESIGN NUMBER	264535	
CLASS	07-01	
1)JAYESH BHIMAJIBHAI VORA, BUSINESS AT M/S. AMUL PLAST I N.H. GONDAL ROAD, OPP. HOTI NEAR VARUN CASTING, ATLAS PA (GUJARAT) (INDIA)		
DATE OF REGISTRATION	<b>E OF REGISTRATION</b> 05/08/2014	
TITLE	FRUIT BASKET	
PRIORITY NA		

DESIGN NUMBER		266408				
CLASS	26-05					
1)MARVELO INDIA, AND H ROAD, SECTOR 19-A VASHI, MAHARASHTRA, INDIA, WH RAGHVJI. PATEL, RESIDING KARANI LANE, LBS MARG, ( MAHARASHTRA, INDIA AND 2) MUKESH PREMJI GAND LINK ROAD, MOVIE TIME, EV MUMBAI-400064 MAHARASH	NAVI M OSE PAI AT 602, GHATKC HI, RESII ERSHINI	UMBAI-400705, RTNERS ARE 1 PRINCE APAR DPAR WEST, M DING AT C/8, HA E NAGAR, MAL	) JAYE TMEN UMBAI ARIDW	SH FS, -400086 AR CHS-1,		
DATE OF REGISTRATION		07/10/20	)14			
TITLE		LAMF	þ			c A
PRIORITY NA						
DESIGN NUMBER			26095	52		
CLASS			01-02	1		
1)INTERCONTINENTAL GE 100 DEFOREST AVENUE, E U.S.A.			6, U.S.A	A., NATIONA	ALITY:	(Co)
DATE OF REGISTRATION			13/03/2	014		
TITLE			CANE	PΥ		
PRIORITY		1				
PRIORITY NUMBER		DATE	COUNTRY			
29/467,139		16/09/2013		U.S.A.		
DESIGN NUMBER			26561	8		
CLASS			23-02	1		$\frown$
1)MASCO CORPORATION ( THE ADDRESS 55 EAST 111TH STREET, IN				RPORATIO	ON, OF	
DATE OF REGISTRATION		11/09/2014			M	
TITLE   FAUCET HANDLE						
PRIORITY						
PRIORITY NUMBER		DATE		COUNTRY		
29/488,637		22/04/2014 U.S.A.				

DESIGN NUMBER		262335	
CLASS		14-02	$\sim$
1)MICROSOFT MOBILE OY, A C LAWS OF FINLAND OF THE ADD KEILARANTA 7, 02150 ESPOO,			
DATE OF REGISTRATION	05	5/05/2014	
TITLE	Н	ANDSET	
PRIORITY PRIORITY NUMBER 29/473780	IORITY NUMBER DATE COUNTRY		
DESIGN NUMBER		261425	
CLASS		13-99	-
1)WORLD PANEL, INC., A CORI UNDER THE LAWS OF THE STAT AMERICA, HAVING A PLACE OF 300 CENTER DRIVE, G-278, BOU AMERICA	TE OF DELAWARE, U ' BUSINESS AT	<b>JNITED STATES OF</b>	
DATE OF REGISTRATION	01	1/04/2014	
TITLE	SOLAR PA	ANEL CHARGER	- FAI
PRIORITY PRIORITY NUMBER 29/470,187			
DESIGN NUMBER	2	265107	
CLASS		13-01	
1)FARADAY INSTRUMENTS, AN REGISTERED ADDRESS AT SF. NO. 106/4A REVENUE NAGA NORTH, COIMBATORE-641035, TA	AR, OPP TO HDFC BAI		5
DATE OF REGISTRATION	25.	/08/2014	
TITLE	GENERATOR FO	R PRODUCING OZONE	
PRIORITY NA			

DESIGN NUMBER		266874	
CLASS		23-02	
1)UNILEVER PLC, A COMPANY UNDER COMPANY NO. 41424 OF UNILEVER HOUSE, 100 VICTOR UNITED KINGDOM			
DATE OF REGISTRATION	2	1/10/2014	Sel1 //
TITLE	DISH FOR	DETERGENT BAR	des 118
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002454280-0001	28/04/2014	OHIM	
DESIGN NUMBER		264937	
CLASS		07-02	
1)M/S SPEEDEX OVERSEAS PVT UNDER THE INDIAN COMPANIES PLOT NO. 33, HSIIDC INDUSTRIA SONEPAT, HARYANA-131028 (INDIA			
DATE OF REGISTRATION	2	1/08/2014	
TITLE	COOKIN	G APPLIANCES	
PRIORITY NA			
DESIGN NUMBER		262079	
CLASS		15-03	
1)SIAM KUBOTA CORPORATION AND EXISTING UNDER THE LAW 101/19-24 MOO 20, NAVANAKOR DISTRICT, KLONGLUANG DISTRIC			
DATE OF REGISTRATION	2:	5/04/2014	1 Contraction
TITLE	ROTA	ARY TILLER	Some A
PRIORITY NA			Ø

DESIGN NUMBER		257537	
CLASS		12-02	and Specific
1) <b>BEMIS MANUFACTURING CO</b> 300 MILL STREET, SHEBOYGAN NATIONALITY:U.S.A.		I, USA 53085,	
DATE OF REGISTRATION	15	5/10/2013	
TITLE	SHOP	PPING CART	and management
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	6
29/452,211	12/04/2013	U.S.A.	o B
DESIGN NUMBER		263370	
CLASS		02-05	Bramania
708, PACE CITY-2, SECTOR-37, F INCORPORATED UNDER THE LAW DATE OF REGISTRATION	S OF INDIA	HARYANA), A COMPANY 5/06/2014	
TITLE	NECKERCH	HEF FOR WOMEN	
PRIORITY NA			
DESIGN NUMBER		264536	
DESIGN NUMBER CLASS		264536 23-01	
	KAPURIYA, INDIAN I ICO INDUSTRIES, (A H. PANKAJ INDUSTRI	23-01 NATIONAL, HAVING HIS A PROPRIETORSHIP	
CLASS 1)RAMESHBHAI MOHANBHAI E PLACE OF BUSINESS AT M/S. MA FIRM), KHODIYAR INDUSTRIES-03, B/F	XAPURIYA, INDIAN I ICO INDUSTRIES, (A H. PANKAJ INDUSTRI ') (INDIA)	23-01 NATIONAL, HAVING HIS A PROPRIETORSHIP	
CLASS 1)RAMESHBHAI MOHANBHAI K PLACE OF BUSINESS AT M/S. MA FIRM), KHODIYAR INDUSTRIES-03, B/F MAVDI, RAJKOT-360004 (GUJARAT	XAPURIYA, INDIAN I ICO INDUSTRIES, (A H. PANKAJ INDUSTRI () (INDIA) 05	23-01 NATIONAL, HAVING HIS A PROPRIETORSHIP IES, MAVDI BYPASS,	

DESIGN NUMBER	266436	
CLASS	08-06	
THE COMPANIES ACT, 1956) HAV AT ADDRESS:	, ( <b>A COMPANY INCORPORATED UNDER</b> ING ITS PRINCIPAL PLACE OF BUSINESS GARDEN, MAVDI PLOT, RAJKOT, GUJARAT-	
DATE OF REGISTRATION	07/10/2014	
TITLE	HANDLE	
PRIORITY NA		
DESIGN NUMBER	264938	
CLASS	07-01	
UNDER THE INDIAN COMPANIES	<b>. LTD., (A COMPANY INCORPORATED</b> <b>ACT, 1956) HAVING ITS OFFICE AT</b> AL ESTATE, SECTOR-57, PHASE-IV, KUNDLI, A)	
DATE OF REGISTRATION	21/08/2014	
TITLE	BOWL	
PRIORITY NA		
DESIGN NUMBER	262318	
CLASS	13-02	
1)HAVELLS INDIA LIMITED HAV 1, RAJ NARAIN MARG, CIVIL LI		
DATE OF REGISTRATION	05/05/2014	
TITLE	POWER SUPPLY UNIT FOR LUMINAIRE	
PRIORITY NA		

DESIGN NUMBER	2	257538			
CLASS	ASS 12-02				
1) <b>BEMIS MANUFACTURING</b> 300 MILL STREET, SHEBOYC NATIONALITY:U.S.A.	Л				
DATE OF REGISTRATION	15/	/10/2013	1011 /11		
TITLE	FRAME OF A	SHOPPING CART			
PRIORITY PRIORITY NUMBER 29/452,211	DATE 12/04/2013	COUNTRY U.S.A.			
DESIGN NUMBER	2	63371			
CLASS		02-02			
1)TAHILIANI DESIGN PVT. L 708, PACE CITY-2, SECTOR-3 INCORPORATED UNDER THE L DATE OF REGISTRATION TITLE	37, PART-II, GURGAON (H AWS OF INDIA				
PRIORITY NA					
DESIGN NUMBER	264130	)			
CLASS	25-01				
1)MR. S. S. SRIKANTH S/O. M YEARS, RESIDING AT OLD NO. 12, NEW NO. 23, GC TAMIL NADU, INDIA			D.D. D. D. D. D. C. C. C. C.		
DATE OF REGISTRATION	18/07/20	14			
TITLE	TMT BA	IR			
PRIORITY NA					

DESIGN NUMBER		261791				
CLASS				14-0	03	
1)NEC ENGINEERING, LTD., A JAPANESE COMPANY OF 1753, SHIMONUMABE, NAKAHARA-KU, KAWASAKI-SHI, KANAGAWA, JAPAN; AND NEC CORPORATION, A JAPANESE COMPANY OF 7-1, SHIBA 5-CHOME, MINATO-KU, TOKYO, JAPAN						
DATE OF REGISTRATIO	DATE OF REGISTRATION 16/04/2014			2014	Contraction of the second	
TITLE		COMPONENT FOR CONVERTING SIGNALS USED IN COMMUNICATION SYSTEM				1000 - 10000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1
PRIORITY						
PRIORITY NUMBER			DATE		COUNTRY	
2013-024223			17/10/2013		JAPAN	
DESIGN NUMBER				2610	12	
CLASS				10-9	9	$\sim$
1)BRAY INTERNATIONAL, INC., 13333 WESTLAND EAST BLVD., HOUSTON, TX 77041, UNITED STATES OF AMERICA, NATIONALITY: UNITED STATES OF AMERICA						
DATE OF REGISTRATIO	N	17/03/2014			2014	
TITLE		ILLU	UMINATED VA	LVE F	POSITION INDICATOR	
PRIORITY					1	
PRIORITY NUMBER			DATE		COUNTRY	
29/467,357			18/09/2013		U.S.A.	(L
DESIGN NUMBER			266760			
CLASS			28-03			
1)ABHAYSINH BAHADURSINH JADEJA, INDIAN NATIONAL, HAVING ITS PLACE OF BUSINESS AT M/S. SWASTIK ENTERPRISE, JAI ASHAPURA, DHEBAR ROAD (SOUTH), B/H. ARATI SOCIETY, GOPAL PARK MAIN ROAD, RAJKOT-360002 (INDIA)(A PROPRIETORSHIP FIRM)						
DATE OF REGISTRATION		1	6/10/2014			
TITLE			RAZOR			
PRIORITY NA						

DESIGN NUMBER	26	5149	
CLASS	1	3-03	
1)HAVELLS INDIA LIMITED AN REGISTERED OFFICE AT 1, RAJ NARAIN MARG, CIVII	STRODRRD		
DATE OF REGISTRATION	26/0	8/2014	
TITLE	DISTRIBU'	FION BOARD	
PRIORITY NA			
DESIGN NUMBER		264803	
CLASS		08-07	
1)SURESH MARUTI MORE. (AN I UTKARSH CO.OP.HSG.LTD. ANAM MANDIR ROAD, VAZIRA NAKA, B OF MAHARASHTRA, INDIA. PROPRIETOR OF PACK SEALS II FIRM OF ABOVE ADDRESS.	IDROA PAWAR HIĞ ORIVALI (WEST), M NDUSTRIES. AN IND	H SCHOOL, RAM IUMBAI-400092, STATE IAN PROPRIETORSHIP	
DATE OF REGISTRATION	18/08/2014		
TITLE		SEAL	
PRIORITY NA			
DESIGN NUMBER		260492	
CLASS		02-03	
1) <b>JOEY LAROCQUE, A CITIZEN</b> OF AGOURA HILLS, CALIFORNI		ATES OF AMERICA,	
DATE OF REGISTRATION	20	0/02/2014	
TITLE	Н	IELMET	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	V CI
29/465,112	23/08/2013	U.S.A.	

DESIGN NUMBER		265691		
CLASS		11-05		
1)SEET KAMAL INTER INDUSTRIAL AREA, JAIF AN INDIAN PROPRIETO NATHANY, INDIAN NATIO				
DATE OF REGISTRATIO	N	15/09/2014		All and the
TITLE		FESTIVE DECORA	ATIONS	
PRIORITY NA				
DESIGN NUMBER		263892		•
CLASS		02-04	]	
673655, KERALA, INDIA	DIRECTO N, S/O. MF			
TITLE		FOOTWEAR		
PRIORITY NA				
DESIGN NUMBER		263429		
CLASS		12-16		~
	THE CO	<b>IITED, (AN INDIAN COMPA)</b> <b>MPANIES ACT, 1956), HAVI</b> AL, DORAHA-141421		
DATE OF REGISTRATIO	N	17/06/2014		
TITLE		OPERATOR'S CABIN	OF CRANE	
PRIORITY NA				

DESIGN NUMBER		253144	
CLASS		09-05	$\neg$
1)WM. WRIGLEY JR. COM 410 NORTH MICHIGAN A			
DATE OF REGISTRATION	12	2/04/2013	
TITLE	BLISTE	R PACKAGING	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/434591	15/10/2012	U.S.A.	
DESIGN NUMBER		265683	
CLASS		11-05	
1)SEET KAMAL INTERNA JHOTWARA INDUSTRIAL A INDIA, AN INDIAN PROPRIETOR GAUTAM NATHANY, INDIAI	<b>REA, JAIPUR-30201</b> SHIP FIRM WHOSE P	3 ( <b>RAJASTHAN</b> ), ROPRIETOR IS	
DATE OF REGISTRATION	15	5/09/2014	
TITLE	FESTIVE	DECORATIONS	ANS STATE AND WAR
PRIORITY NA			
DESIGN NUMBER	2645	507	
CLASS	12-	16	
1)R. N. GUPTA & COMPAN INCORPORATED UNDER T ITS OFFICE AT UNIT-II, GT ROAD, TEHSI	HE COMPANIES AC	Г, 1956), HAVING	
,,	05/08/2014		
DATE OF REGISTRATION	05/08/	2014	e
	05/08/ UPPER BUKIT ASSE		A R

DESIGN NUMBER		263393	
CLASS		15-99	
1) <b>MR. ANUP ASHOK HATTARKI</b> R/O FLAT NO. A44 SIDDARTH ES 411006, MAHARASHTRA, INDIA.	108		
DATE OF REGISTRATION	16	5/06/2014	A LAND
TITLE	TUR	RET PLATE	
PRIORITY NA			
DESIGN NUMBER		251802	
CLASS		12-15	A CONTRACT OF THE OWNER OWNER OF THE OWNER OWNER OWNER OWNER OWNE OWNER
1)SHAN DONG LINGLONG TYRE ADDRESS AT NO. 777, JINLONG ROAD, ZHAO'			
DATE OF REGISTRATION	21	/02/2013	
TITLE		TYRE	
PRIORITY	F		
PRIORITY NUMBER	DATE	COUNTRY	
201330021581.3	24/01/2013	CHINA	Configs.
DESIGN NUMBER		260931	
CLASS		08-08	
1) <b>BMT CO., LTD.,</b> 21-1 BUKJEONG-DONG, YANGSA REPUBLIC OF KOREA, NATIONALI			
DATE OF REGISTRATION	12	2/03/2014	
TITLE	CHECK RI	NG USED IN NUT	
PRIORITY NA			

DESIGN NUMBER		264939	
CLASS		07-02	
1)M/S SPEEDEX OVERSEAS PVT UNDER THE INDIAN COMPANIES PLOT NO. 33, HSIIDC INDUSTRI SONEPAT, HARYANA-131028 (INDI			
DATE OF REGISTRATION	21	1/08/2014	
TITLE	SANI	OWICH BOX	
PRIORITY NA			
DESIGN NUMBER		257539	
CLASS		12-02	
1)BEMIS MANUFACTURING CO 300 MILL STREET, SHEBOYGAN NATIONALITY:U.S.A.		I, USA 53085,	The second second
DATE OF REGISTRATION	15	5/10/2013	A CONTRACTOR OF THE CONTRACT OF THE CONTRACT.
TITLE	BASKET OF	A SHOPPING CART	THE REAL PROPERTY OF THE PROPE
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	- Jesson -
29/452,211	12/04/2013	U.S.A.	
DESIGN NUMBER		264046	
CLASS		07-05	
1)CASA BRANDS INDIA PVT. LT THE LAWS OF INDIA, OF C-37A, LOWER GROUND FLOOF	A CONTRACTOR OF THE OWNER OWNER OF THE OWNER OWNE OWNER OWN		
DATE OF REGISTRATION	15	5/07/2014	A Contraction
TITLE	STAN	D FOR IRON	
PRIORITY NA			

DESIGN NUMBER	20	64425	
CLASS	2	23-04	
1) <b>LG ELECTRONICS INC. OF</b> 20, YEOUIDO-DONG, YEONGDE KOREA	UNGPO-GU, SEOUL 15	0- 721, REPUBLIC OF	No.
DATE OF REGISTRATION	01/0	08/2014	
TITLE	NOZZLE	GRILL FAN	
PRIORITY NA			
DESIGN NUMBER	2	41662	
CLASS	1	1-01	
1)CARTIER CREATION STUDIO 8 BOULEVARD JAMES FAZY, CH		ZERLAND	
DATE OF REGISTRATION	22/	12/2011	
TITLE	F	RING	TAK
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	YUP -
N° DM/076 428	22/06/2011	WIPO	9
DESIGN NUMBER	263372		
CLASS	(	02-05	Manual and a second second second
1) <b>TAHILIANI DESIGN PVT. LTD.</b> 708, PACE CITY-2, SECTOR-37, P INCORPORATED UNDER THE LAW	ART-II, GURGAON (HA		
DATE OF REGISTRATION	16/06/2014		
TITLE	NECK GARMENT FOR WOMEN		
PRIORITY NA			

DESIGN NUMBER		263446		-	
CLASS		24-02		+	
1)KARL STORZ GMBH & MITTELSTRASSE 8, D-78					
DATE OF REGISTRATION		1	7/06/2014		
TITLE		TRO	DCAR UNIT		(AA
PRIORITY PRIORITY NUMBER 002389544-0002		DATE 23/01/2014	COUNT	ŔŶ	
DESIGN NUMBER		265337			·
CLASS		11-02			
1)AMAR SINGH YADAV, DECORATERS, SITUATED 2/778, SUHAG NAGAR, F ADDRESS	AT			C.	
DATE OF REGISTRATION		01/09/2014			
TITLE		FLOWER VASE		11	
PRIORITY NA					
DESIGN NUMBER			265630		
CLASS			09-01		
1)SMT. DURGA AGARWA NATIONAL, HAVING OUR HOUSE NO. 23-129/1, TH MARKET, HYDERABAD-500	<b>OFFICE</b> YAGARA	A <b>T</b> AYA NAGAR, OPP: 1			
DATE OF REGISTRATION		11/09/2014			
TITLE			BOTTLE		- Nea
PRIORITY NA					enne

DESIGN NUMBER	265692		
CLASS			
INDUSTRIAL AREA, JAIPUR-3020	IRM WHOSE PROPRIETOR IS GAUTAM		
DATE OF REGISTRATION	15/09/2014		
TITLE	FESTIVE DECORATIONS		
PRIORITY NA			
DESIGN NUMBER	265838		
CLASS	09-03		
LUDHIANA-141010 (PUNJAB), IND	COMPANY WHOSE DIRECTOR IS RAJ KUMAR		
DESIGN NUMBER	263363		
CLASS	02-02		
1) <b>TAHILIANI DESIGN PVT. LTD</b> 708, PACE CITY-2, SECTOR-37, F INCORPORATED UNDER THE LAW	ART-II, GURGAON (HARYANA), A COMPANY	- 00	
DATE OF REGISTRATION	16/06/2014		
TITLE	T-SHIRT FOR WOMEN		
PRIORITY NA			

DESIGN NUMBER	263430	
CLASS	12-16	—
1)R. N. GUPTA & COMPANY	LIMITED, (AN INDIAN COMPANY COMPANIES ACT, 1956), HAVING ITS OFFICE	
TITLE	COUNTER WEIGHT OF CRANE	
PRIORITY NA		
DESIGN NUMBER	264332	÷
CLASS	26-03	
1)GE INDIA INDUSTRIAL PV PLOT NO. 42/1 & 45/14, ELEC 560100, NATIONALITY: INDIA	T LTD, CTRONIC CITY PHASE II, BANGALORE-	the second
DATE OF REGISTRATION	28/07/2014	
TITLE	STREET LIGHTING FIXTURE	
PRIORITY NA		
DESIGN NUMBER	265328	
CLASS	08-07	
1)AMTUL HASEEN, PROPRIETOR OF M/S STAR TRADERS & MANUFACTURES, SITUATED AT 88/384, HUMAYUN BAGH, CHAMAN GANJ, KANPUR-208001 (U.P.) INDIA		
DATE OF REGISTRATION	01/09/2014	11
TITLE	HASP (SET)	
PRIORITY NA		

DESIGN NUMBER		266070		
CLASS	12-16			
1)MAHINDRA AND M INCORPORATED UND ACT, 1913 OF GATEWAY BUILDII 400001, MAHARASHTR	DER THE IND	DIAN COMPANIES		
DATE OF REGISTRATION	,	26/09/2014		
TITLE		MENT PANEL OF VEHICLE		Concession
PRIORITY NA				
DESIGN NUMBER		265	5688	
CLASS	1		-05	9
INDUSTRIAL AREA, J	AIPUR-30201 ETORSHIP FI	RM WHOSE PROPRIET	А,	
DATE OF REGISTRAT	ION	15/09/2014		
TITLE		FESTIVE DECORATIONS		
PRIORITY NA				
DESIGN NUMBER		263878		
CLASS		08-05		·
1)SULZER MIXPAC A RÜTISTRAßE 7, 9469	/	CINTAL), SWITZERLAN	D	
DATE OF REGISTRAT	ION	04/07/2014		and the second s
TITLE		DISCHARGE DEVICE		ST IS
PRIORITY				- OF
PRIORITY NUMBER DAT		DATE	COUNTRY	
002381236		07/01/2014	OHIM	

DESIGN NUMBER		264516	
CLASS		14-01	
1)BOSE CORPORATION, A COR OF THE MOUNTAIN, MS 3B1 FRAM UNITED STATES OF AMERICA			
DATE OF REGISTRATION	(	06/08/2014	
TITLE	HI	EADPHONE	the A
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	O G
29/482,028	13/02/2014	U.S.A.	
DESIGN NUMBER		263547	
CLASS		09-01	10 <sup>4</sup>
1)DABUR INDIA LIMITED COR KAUSHAMBI, SAHIBABAD-201 INDIAN COMPANY			
DATE OF REGISTRATION	2	20/06/2014	
TITLE	BOTTLE		8 8
PRIORITY NA			
DESIGN NUMBER	263309		
CLASS		12-15	
1)COMPAGNIE GENERALE DES COMPANY OF 12 COURS SABLO AND MICHELIN RECHERCHE ET TE LOUIS BRAILLE 10, CH-1763 GRAN	Е,		
DATE OF REGISTRATION	13/06/2014		
TITLE	TIRE TREAD		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
29/480,226	24/01/2014 U.S.A.		