पेटेंट कार्यालय शासकीय जर्नल

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DATE: 17/10/2014

पेटेंट कार्यालय का एक प्रकाशन PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

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

17th OCTOBER, 2014

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THE PATENT OFFICE KOLKATA, 17/10/2014

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			Territories of Puducherry and Lakshadweep.
		Ш	
2	·		
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	Chandigarh.		
—			

Website: www.ipindia.nic.in
www.ipindia.nic.in

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	ई. मेल: cgpdtm@nic.in		फ़ैक्स: (91)(44) 2250-2066
			ई. मेल: chennai-patent@nic.in
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	फ़ैक्सः (91) (22) 24130387		फोन: (91)(33) 2367 1943/44/45/46/87
	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,		
	दादर और नगर हवेली.		भारत का अवशेष क्षेत्र
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L	क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़		

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

SPECIAL NOTICE

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

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

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

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

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

Early Publication:

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

(12) PATENT APPLICATION PUBLICATION (21) Application No.2263/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :10/07/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention: STABILIZED NANO-EMULSION AND ITS PREPARATION

(51) International classification	:A61K9/107, A61k31/00	Address of Applicant :ANANT APPT. FLAT NO.5,
(31) Priority Document No (32) Priority Date	:NA :NA	AJABNAGAR, NEAR TEL. BHAVAN, KRANTI CHOWK, AURANGABAD-431001, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	2)ZADBUKE NITYANAND S.
(86) International Application No	:NA	3)NATH SAPTARSHI R.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RAJENDRA VIVEK B.
(61) Patent of Addition to Application Number	:NA	2)ZADBUKE NITYANAND S.
Filing Date	:NA	3)NATH SAPTARSHI R.
(62) Divisional to Application Number	:NA	4)GATTANI SURENDRA G.
Filing Date	:NA	5)GHIWARE NITIN B.
		6)SHAHI SADHANA R.

(57) Abstract:

The present invention provides a stable pharmaceutical nano-emulsion composition and its preparation. The nano-emulsion composition of the present invention comprises tleast one hydrophobic drug; at least one non-ionic surfactant in an amount of 1 to 20.0 % w/v, preferably, 5 to 10 % w/v; at least one ionic co-surfactant or stabilizer in an amount of 0.05 to 2 % w/v, preferably 0.1 to 0.5 % w/v; at least one triglyceride as an oil phase in an amount of 0.5 to 10 % w/v, preferably, 1 to 4 % w/v, more preferably 2 % w/v; at least one aqueous medium; and at least one pharmaceutically acceptable excipient.

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

(21) Application No.2306/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :15/07/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention: An improved process for preparing (3aR,4S,7R,7aS)-2-{(1R,2R)-2-[4-(1,2-benzisothiazol-3-yl)piperazin-1ylmethyl} cyclohexylmethyl} hexahydro-4,7-methano-2H-isoindole-1,3-dione hydrochloride

(51) International classification(31) Priority Document No(32) Priority Date	:C07D487/10, C07D417/14 :NA :NA	(71)Name of Applicant: 1)HARMAN FINOCHEM LIMITED Address of Applicant: 107, Vinay Bhavya Complex, 159 A, C.S.T. Road, Kalina, Mumbai - 400098, Maharashtra, India.
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT//	1)KADAM, Vijay Trimbak
Filing Date	:01/01/1900	2)SARANAPU, Nareesh
(87) International Publication No	: NA	3)SINGAMPALLLI, Sri Hari
(61) Patent of Addition to Application Number	:NA	4)MINHAS, Harpreet Singh
Filing Date	:NA	5)MINHAS, Gurpreet Singh
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention discloses an improved process for preparing Lurasidone free base and its hydrochloride salt.

No. of Pages: 15 No. of Claims: 4

(22) Date of filing of Application :26/09/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention : NOVEL FORMULATION OF CONCENTRATED NATURAL ACTIVES IN OIL/WATER MICROEMULSION FOR HAIR FALL PREVENTION & HAIR REGROWTH

(51) International alexaic action		(71)Name of Applicant:
(51) International classification	A61Q 5/00, A61Q 7/00	1)BRILLARE SCIENCE Address of Applicant :Brillare Science, D-603 Ganesh
(31) Priority Document No	:NA	Meridian, Nr. Gujarat High Court, S.G. Highway, Ahmedabad-
` '		
(32) Priority Date	:NA	380060, Gujarat, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT//	1)PATEL, Jigar Hasmukhbhai
Filing Date	:01/01/1900	2)PANDYA, Nilay Bharatendu
(87) International Publication No	: NA	3)BHAVSAR, Meet
(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 oil in water based natural formulation for hair fall prevention and for hair growth prepared from ingredients derived from natural sources either alone or in combination with other inert ingredients. Further the natural formulation is stable oil in water microemulsion form with higher percentage of oils and without any emulsifier.

No. of Pages: 24 No. of Claims: 8

(22) Date of filing of Application :02/10/2014

(43) Publication Date: 17/10/2014

(54) Title of the invention: MOBILE APPARATUS FOR NITROGEN GENERATION, COMBINED FACILITY FOR AIR AND NITROGEN COMPRESSION, STORAGE AND DISTRIBUTION.

	D01D	
	:B01D 53/22,	(71)Name of Applicant: 1)Kirloskar Pneumatic Company Limited.
(51) International classification	B01D	Address of Applicant : Hadapsar Industrial Estate, Pune 411
		013 Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)NAIK Shridhar Vamanrao
(33) Name of priority country	:NA	2)BHARGAVE Sachin Padmanabh
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention discloses a trailer mounted compressor apparatus for providing combined facility of generating, compressing, storing and real-time distributing air and nitrogen on a site. The apparatus comprises an air-suction means, a compression assembly, a plurality of filters, a dryer, a plurality of after-coolers, a storage assembly and a distribution unit. The air-suction means is a micronic air suction filter to suck an atmospheric air. The compressor assembly comprises 5 compression stages i.e. two low pressure compression stages & a three booster compression stages and the drain valves. The plurality of drain valves are connected to the plurality of purge bottles. The plurality of filters is connected after last stage booster compression, cooling and condensate removal. The dryer is connected to the plurality of filters. The first low pressure compression stage, the second low pressure compression stage and the three booster compression stage are arranged in a tandem mode.

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

(21) Application No.3887/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : METHOD TO DERIVE TIMES TABLE OF ANY REAL NUMBER BY HELP OF CREATING A PLURALITY OF BASE TABLES

(51) International classification	:G06C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AFSHAN FARHEEN
(32) Priority Date	:NA	Address of Applicant :H. No: 5-840, Hussaini Alam Chota
(33) Name of priority country	:NA	Roza (K), Gulbarga, Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Mirza Hasham Baig
(87) International Publication No	: NA	2)Mohammed Fareed Pardhan
(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 an instructional or educational book assemblies and an interactive coordinated set of textual activity materials designed to find out a times table of given real numbers with help of plurality of base tables derived by splitting the given numbers for which a product is to be found as parts into units place digit (upd), tens place digit (tpd) and a remaining place digit (rpd).

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

(22) Date of filing of Application :26/09/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention : PHYSIOLOGICAL DATA ACQUISITION SYSTEM CAPABLE OF INDEFINITE DURATION RECORDING WITH FULL ELECTRICAL ISOLATION

		(71)Name of Applicant:
(51) International classification	:a61b	1)CHRISTIAN MEDICAL COLLEGE VELLORE
(31) Priority Document No	:NA	ASSOCIATION
(32) Priority Date	:NA	Address of Applicant :IDA SCUDDER ROAD, VELLORE
(33) Name of priority country	:NA	632 004 Tamil Nadu India
(86) International Application No	:NA	2)CO-ORDINATOR, NATIONAL HUB FOR
Filing Date	:NA	HEALTHCARE INSTRUMENTATION DEVELOPMENT
(87) International Publication No	: NA	(NHHID)
(61) Patent of Addition to Application Number	:NA	3)REGISTRAR
Filing Date	:NA	(72)Name of Inventor:
(62) Divisional to Application Number	:NA	1)SURESH ROLAND DEVASAHAYAM
Filing Date	:NA	2)RAJDEEP OJHA
		3)SYRPAILYNE WANKHAR

(57) Abstract:

The present invention is a physiological data acquisition system capable of indefinite duration recording with full electrical isolation. The developed data acquisition is electrically safe as it has three different isolation sections to provide (a) isolated data transfer, (b) isolated battery charging and (c) isolated digital handshaking for sleep/wake of the device. The full electrical isolation makes device safe for human as well as animal use. The data acquisition device has multiple analog inputs, and each analog input can accept a sensor module which usually consists of a sensor/transducer and a corresponding amplifier. For example, the device has been used with modules for EMG, ECG, EEG, respiration, force, pressure, and flow. The device is capable of supplying power to each module connected to it. The device is suitable for experimental physiology for recording from animals and humans. The device is also suitable for clinical recording of physiological data.

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

(22) Date of filing of Application :29/09/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention: PHARMACEUTICAL COMPOSITION OF OLMESARTAN MEDOXOMIL WITH P-GLYCOPROTEIN INHIBIOTR & PROCESS FOR PREPARATION THEREOF

(51) International classification :a61k (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)GURUNATH SURAMPALLI Address of Applicant: DEPARTMENT OF PHARMACOLOGY, VAAGDEVI INSTITUTE OF PHARMACEUTICAL SCIENCES, WARANGAL Andhra Pradesh India 2)DR. BASAVARAJ K. NANJWADE 3)DR. P.A. PATIL (72)Name of Inventor: 1)GURUNATH SURAMPALLI 2)DR. BASAVARAJ K. NANJWADE 3)DR. P.A. PATIL
--	--

(57) Abstract:

The invention relates to develop suitable pharmaceutical compositions/formulations of Olmesartan medoxomil (OLM) having increased bioavailability of the drug and without any toxicity or any side effects. It specifically relates to pharmaceutical compositions/formulations of olmesartan medoxomil with Pgp (P Glycoprotein) efflux inhibitor having increased bioavailability of olmesartan and without any toxicity or side effects for effective treatment of hypertension. More specifically it relates to tablet formulations of freeze-dried olmesartan medoxomil loaded solid dispersions in excipient and morin to achieve enhanced bioavailability and without any toxicity or any side effects for effective treatment of hypertension. It also relates to the process for preparation of pharmaceutical compositions/formulations of freeze-dried olmesartan medoxomil loaded solid dispersions in excipient and morin having increased bioavailability and without any toxicity or any side effects for effective treatment of hypertension. The invention demonstrates the effects of P-gp inhibitors for the permeability of poorly water-soluble drugs from their solid dispersions using surfactant in the presence of P-gp inhibitors as a novel concept of employing naturally occurring bio-flavonoid as pharmaceutical adjuvant with absorption-improving potential as P-gp efflux inhibitors after significant improvement of aqueous solubility of poorly water-soluble drugs as amorphous forms. The results demonstrated that the intestine plays an important role in the net absorption and disposition of OLM, which showed that morin increased significantly the oral bioavailability of olmesartan, suggesting the involvement of P-glycoprotein in OLM disposition. It also revealed that morin, a P-glycoprotein inhibitor can be used a pharmaceutical excipient for developing oral dosage forms to increase intestinal permeability and in-vivo pharmacokinetic performance of olmesartan medoxomil to enhance oral bioavailability.

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

(22) Date of filing of Application :29/09/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention: PHARMACEUTICAL COMPOSITION OF CANDESARTAN CILEXETIL WITH P-GLYCOPROTEIN INHIBIOTR & PROCESS FOR PREPARATION THEREOF

		(71)Name of Applicant :
(51) International classification	:a61k9/00	1)GURUNATH SURAMPALLI
(31) Priority Document No	:NA	Address of Applicant :DEPARTMENT OF
(32) Priority Date	:NA	PHARMACOLOGY, VAAGDEVI INSTITUTE OF
(33) Name of priority country	:NA	PHARMACEUTICAL SCIENCES, WARANGAL Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	2)DR. BASAVARAJ K. NANJWADE
(87) International Publication No	: NA	3)DR. P.A. PATIL
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GURUNATH SURAMPALLI
(62) Divisional to Application Number	:NA	2)DR. BASAVARAJ K. NANJWADE
Filing Date	:NA	3)DR. P.A. PATIL
		4)RAKESH CHILLA

(57) Abstract:

The invention relates to develop suitable; pharmaceutical compositions/formulations of Candesartan cilexetil (CAN) having increased bioavailability of the drug and without any toxicity or any side effects. It specifically relates to pharmaceutical compositions/formulations of Candesartan cilexetil and Pgp (P Glycoprotein) having increased bioavailability of Candesartan (CDS) and without any toxicity or any side effects for effective treatment of hypertension or heart failure in clinical therapeutics. More specifically it relates to tablet formulations of freeze-dried candesartan cilexetil loaded solid dispersions in excipient and naringin achieving enhanced bioavailability and without any toxicity or any side effects for effective treatment of hypertension or heart failure in clinical therapeutics. It also relates to the process for preparation of pharmaceutical compositions/formulations of freeze-dried candesartan cilexetil loaded solid dispersions in excipient and naringin (or its active metabolite naringenin), having increased bioavailability and without any toxicity or any side effects for effective treatment of hypertension or heart failure, in clinical therapeutics. The invention demonstrates the effects of P-gp inhibitors for the permeability of poorly water-soluble drugs from their solid dispersions using hydrophilic polymer in the presence of P-gp inhibitors as a novel concept of employing naturally occurring bio-flavonoid as pharmaceutical adjuvant with absorption-improving potential as P-gp efflux inhibitors after significant improvement of aqueous solubility of poorly water-soluble drugs as amorphous forms. The results demonstrated that the intestine plays an important role in the net absorption and disposition of CAN, which showed that naringin increased significantly the oral bioavailability of candesartan, suggesting the involvement of P-glycoprotein in CAN disposition. It also revealed that naringin, a P-glycoprotein inhibitor can be used a pharmaceutical excipient for developing oral dosage forms to increase intestinal permeability and in-vivo pharmacokinetic performance of candesartan cilexetil to enhance oral bioavailability.

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

(21) Application No.4689/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :25/09/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention: RADIANT COOLING AND HEATING WALL WITH WATER FILTERING

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA	(71)Name of Applicant: 1)ALEXANDER M A Address of Applicant: MANNUVILAYIL PARAKODE PO ADOOR, PATHANAMTHITTA Kerala India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)ALEXANDER M A
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

Radiant cooling and heating wall with water filtering means comprising of plurality of interconnected hollow bricks adapted to be filled with water (5) wherein one of the surfaces of said bricks comprises of a metal sheet (3) for conducting heat is disclosed. It further features a means to supply water into the wall, and a water gauge to measure the volume of water stored in the wall at any given time and automatically replenish the water levels if it falls below a preset limit.

No. of Pages: 26 No. of Claims: 9

(22) Date of filing of Application :04/09/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHODS TO DERIVE PERFECT SQUARES OF A GIVEN REAL NUMBER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)AFSHAN FARHEEN Address of Applicant: W/o Mr. Mirza Hasham Baig, H. No: 5-840, Hussaini Alam Chota Roza (K), Gulbarga, Karnataka India (72)Name of Inventor: 1)Mr. Mirza Hasham Baig 2)Mr. Mohammed Fareed Pardhan
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)wii. Wionammed Parced I ardnan

(57) Abstract:

The present invention is a plurality of methods to teach mathematics and in particular relates to a plurality of methods to prepare tables that aid a parent, teacher and a child to write perfect squares of given real numbers. The present invention is an instructional or educational book assemblies and an interactive coordinated set of textual activity materials designed to be used by anyone for developing their mathematical skills.

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

(22) Date of filing of Application :26/09/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention: OPTIMIZED TRANSPORT SERVICE ENABLING VEHICLE POOLING

(51) International classification	·901c	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HIREPRO CONSULTING PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :CARRERNET CAMPUS, PLOT NO.
(33) Name of priority country	:NA	53, KARIYAMMANA AGRAHARA ROAD, DEVARABISANA
(86) International Application No	:NA	HALLI, (NEXT TO INTEL JUNCTION FLYOVER), OUTER
Filing Date	:NA	RING ROAD, BANGALORE - 560 103 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MEGHNA AGARWAL
Filing Date	:NA	2)SUDHIR KRISHNA SATYANARAYANA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In optimized transport service enabling vehicle pooling, an instance of transport application is executing in a first mobile device of a passenger. A source and a destination are received in the first mobile device associated with the passenger. One or more unique source route numbers are identified. The source route numbers are based on a user-defined radius associated with the source. One or more unique destination route numbers are identified. The destinations route numbers are based on a user-defined radius associated with the destination. Intersection route numbers are identified between the one or more unique source route numbers and the one or more unique destination route numbers. The one or more intersection route numbers are matched with one or more driver route numbers. Based on the matching, one or more drivers corresponding to the matched driver route numbers are displayed in the first mobile device of the passenger.

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

(21) Application No.835/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :12/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: ONE BAG CAPD SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61M5/162 :NA :NA :NA	(71)Name of Applicant: 1)MAHAJAN; NITIN Address of Applicant: 1-D, MANHAR MAHAL, 4 BAKUL BAGAN ROW, BEHIND LANDSDOWNE MKT, KOLKATA-
(86) International Application No	:NA	700 025, West Bengal India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MAHAJAN; NITIN
(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 an integrated one bag CAPD system for the peritoneal dialysis of the human beings. It is a simple user-friendly system which is used for the dialysis of patients with chronic renal failure which improves quality of life. It is made of medical grade soft PVC or non PVC material. The bag is RF sealed on all the four sides. A tube called fill line (c), comes out of the CAPD Bag (a) is connected to a Y medication port (d) used for the medication. The other end of the fill line tube has a pre-attached connector (g), with a removable cap (i) via a break away valve (h).

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

Publication After 18 Months:

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

(12) PATENT APPLICATION PUBLICATION (21) Application No.10968/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: SYSTEM AND METHOD FOR FLASH WELDING

(51) International classification(31) Priority Document No(32) Priority Date	:61/349657 :28/05/2010	(71)Name of Applicant: 1)PROGRESS RAIL SERVICES CORPORATION Address of Applicant: 1600 Progress Drive Albertville AL
(33) Name of priority country	:U.S.A.	35950 U.S.A.
(86) International Application No	:PCT/US2011/038372	(72)Name of Inventor:
Filing Date	:27/05/2011	1)BATTISTI Charles R.
(87) International Publication No	:WO 2011/150348	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		

(57) Abstract:

A welding system (10) is disclosed. The welding system may have a power supply (18) a forging arrangement (16) configured to hold and move ends of two components (12 14) to be welded together and a plurality of contacts (25) connecting the power supply to the two components. The welding system may also have a controller (20) in communication with the power supply and the forging arrangement. The controller may be configured to regulate the power supply to selectively operate in a constant voltage mode and a constant current mode during different stages of a single weld cycle and to actuate the forging arrangement to move the ends of the two components together during a final stage of the single weld cycle.

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

(21) Application No.10969/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 17/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention : PROCESS FOR PRODUCING AN ORGANIC SEMICONDUCTOR LAYER CONSISTING OF A MIXTURE OF A FIRST AND A SECOND SEMICONDUCTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H01L51/42 :1055990 :22/07/2010 :France :PCT/FR2011/051332 :10/06/2011 :WO 2012/010759 :NA :NA	(71)Name of Applicant: 1)COMMISSARIAT A LENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES Address of Applicant: 25 Rue Leblanc Btiment Le Ponant D F 75015 Paris France (72)Name of Inventor: 1)BENWADIH Mohammed
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This process for producing an organic semiconductor layer (38), consisting of a mixture of a first and a second organic semiconductor, comprises the fbllowing steps: (i) production of a porous solid volume (32) consisting of a first semiconductor, of open porosity and suitable for receiving a second semiconductor; (ii) dposition, at least on an external surface of the porous solid volume, of a liquid comprising the second semiconductor dissolved or dispersed in a solvent, the solvent being inert with respect to the first semiconductor and having an evaporation temprature below the evaporation temprature of the second semiconductor; and (iii) once the porous solid volume (32) has been at least partially imbibed by the liquid, evaporation of the solvent by heating to a temprature above the evaporation temprature of said solvent but below the evaporation temprature of the first and second semiconductors. The porous solid is produced by injecting gas bubbles into a solution of the first semiconductor dissolved or dispersed in a solvent (B) and then evaporating said solvent (B), the temprature of said solvent (B) being below the evaporation temprature of the gas.

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

(21) Application No.10970/DELNP/2012 A

1)BALMORAL AUSTRALIA PTY LTD

Address of Applicant :100 Pacific Highway St Leonards New

(19) INDIA

(22) Date of filing of Application: 17/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: TREATMENT OF PROLIFERATIVE DISEASES

(51) International :A61K38/16,A61P35/00,G01N33/50 classification

(31) Priority Document No :61/358126 (32) Priority Date :24/06/2010 (33) Name of priority country: U.S.A.

(86) International :PCT/AU2011/000760

Application No :23/06/2011 Filing Date

(87) International Publication :WO 2011/160174

No

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

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

1)HULETT Mark Darren

3)ANDERSON Marilyn Anne

(71)Name of Applicant:

South Wales 2065 Australia

2)HEXIMA LIMITED (72)Name of Inventor:

2)POON Ivan Ka Ho

(57) Abstract:

The present invention relates to methods for preventing or treating proliferative diseases. In particular the present invention relates to the use of compositions derived or derivable from plants such as plant defensins particularly in methods for the prevention or treatment of proliferative diseases such as cancer The present invention also relates to associated uses systems and kits.

No. of Pages: 106 No. of Claims: 29

(21) Application No.10972/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 17/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention : ELECTROMAGNETIC COIL STRUCTURE HAVING A FLAT CONDUCTIVE TRACK MAGNETIC CORE AND MAGNETO ELECTRONIC ANGLE SENSOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01R33/04 :10 005 569.8 :28/05/2010 :EPO :PCT/EP2011/057677 :12/05/2011 :WO 2011/147689 :NA :NA :NA	(71)Name of Applicant: 1)TYCO ELECTRONICS BELGIUM EC BVBA Address of Applicant: Siemenslaan 14 B 8020 Oostkamp Belgium (72)Name of Inventor: 1)OCKET Tom 2)MERTENS Guus 3)VAN CAUWENBERGE Jan 4)VAN TOMME Marc
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(57) Abstract:

The present invention relates to an electromagnetic coil structure for being mounted on a magnetic core. Such a magnetic core is for instance a part of a rotating electric machine or of a magneto electronic angle sensor. The present invention further relates to a belonging magnetic core and to a magneto electronic angle sensor in particular a reluctance resolver. Furthermore the present invention relates to a method for fabricating such an angle sensor. The coil structure (106) comprises at least one electrically conductive winding formed as a flat conductive track (110) and at least one flexible electrically insulating carrier (112) for carrying said winding. Said coil structure has at least one opening (108) for receiving a magnetic flux guiding element (104) of said core. The circumferential surface of the core whereto said electromagnetic coil structure (106) is mounted has a polygonal shape.

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

(21) Application No.10973/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: DISTRIBUTION FRAME WITH PATCH CABLES

(71) T	G00D (/00 G00D (/44	(71) N
(51) International classification	:G02B6/38,G02B6/44	(71)Name of Applicant :
(31) Priority Document No	:61/350730	1)TYCO ELECTRONICS CORPORATION
(32) Priority Date	:02/06/2010	Address of Applicant :1050 Westlakes Drive Berwyn PA
(33) Name of priority country	:U.S.A.	19312 U.S.A.
(86) International Application No	:PCT/US2011/001002	(72)Name of Inventor:
Filing Date	:02/06/2011	1)BARRY Bruce Eltringham
(87) International Publication No	:WO 2011/152874	2)KEPKO Michael Jon
(61) Patent of Addition to Application	:NA	3)EBERLE James Joseph
Number	:NA	4)KELLY Sean Patrick
Filing Date	,IVA	5)SHIPE Jeffrey Dean
(62) Divisional to Application Number	:NA	6)HALL Kenneth Cameron
Filing Date	:NA	7)ERDMAN David Donald

(57) Abstract:

The switch rack system of the present invention comprises a chassis (101) and one or more cards (102) mounted in the chassis (101). Each card has a plurality of switch ports (103) which are aligned in one or more columns. The switch rack system also includes an aggregator (104) mounted adjacent the chassis (101). The aggregator (104) has a plurality of bays (105) where each bay is aligned with a card [102] in the chassis. At least one of the bays (105) has a faceplate (106) comprising at least first and second aggregator ports (121 122) aligned in a column. The switch rack system also includes at least first and second hydras (108 109). Each hydra comprises at least a first connector (110) a plurality of second connectors (111) and a plurality of conductors (112).

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

(21) Application No.10974/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 17/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention : CONNECTOR ASSEMBLY FOR AN ELECTRICAL PLUG IN CONNECTOR ELECTRICAL PLUG IN CONNECTOR AND MANUFACTURED ELECTRIC CABLE

(51) International :H01R13/58,H01R13/66,H01R13/627

(31) Priority Document No :10 2010 029 670.8

(32) Priority Date :02/06/2010 (33) Name of priority :Germany

country

(86) International PCT/EP2011/058067
Application No

Filing Date :18/05/2011

(87) International Publication No :WO 2011/151181

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

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

(71)Name of Applicant:

1)TYCO ELECTRONICS AMP GMBH

Address of Applicant : Amperestrasse 12 14 D 64625

Bensheim Germany (72)Name of Inventor:
1)HOTEA Gabriel
2)MUMPER Guenther
3)RIPPER Hartmut

(57) Abstract:

The invention relates to a connector assembly for an electrical plug in connector (10) in particular an electrical socket plug in connector (10) for an igniter of an airbag with a contact casing (100) in which at least one electrical contact means (50) can be provided and a contact securing means (200) which has a locking means (210) by means of which the contact means (50) can be locked in the contact casing (100); the contact securing means (200) having a strain relief means (230) by means of which at least partially a strain relief for an electric line (60) connected to the contact means (50) can be set up on/in the connector assembly (12); and/or the connector assembly (12) having a plug in connector securing means (400) which starting from a pre latching position (V) on the connector assembly (12) for a final latching position (E) can be brought into engagement with the contact securing means (200) and/or a strain relief cover (300) of the connector assembly (12).

No. of Pages: 31 No. of Claims: 10

(21) Application No.10975/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 17/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: NOVEL ANTI CMET ANTIBODY

(51) International classification :A61K39/395,A61P35/00,C07K16/28

(31) Priority Document No :12/791681 (32) Priority Date :01/06/2010 (33) Name of priority

country :U.S.A.

(86) International

Application No :PCT/EP2011/059139

Filing Date :01/06/2011

(87) International Publication No :WO 2011/151412

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

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

(71)Name of Applicant:

1)PIERRE FABRE MEDICAMENT

Address of Applicant :45 place Abel Gance F 92100 Boulogne

Billancourt France (72)Name of Inventor: 1)GOETSCH Liliane 2)WURCH Thierry

3)BES Cdric

(57) Abstract:

The present invention relates to a novel divalent antibody capable of binding specifically to the human c Met receptor and/or capable of specifically inhibiting the tyrosine kinase activity of said receptor preferably both in a ligand dependent and in a ligand independent manner as well as the amino acid and nucleic acid sequences coding for said antibody. More preferably said antibody comprises a modified hinge region and exhibits an improved antagonistic activity. More particularly the antibody according to the invention is capable of inhibiting the c Met dimerization. The invention likewise comprises the use of said antibody as a medicament for the prophylactic and/or therapeutic treatment of cancers preferably for cancer characterized by a ligand independent activation of c Met or any pathology connected with the over expression of said receptor as well as in processes or kits for diagnosis of illnesses connected with the over expression of c Met. The invention finally comprises products and/or compositions comprising such an antibody in combination with other antibodies and/or chemical compounds directed against other growth factors involved in tumor progression or metastasis and/or compounds and/or anti cancer agents or agents conjugated with toxins and their use for the prevention and/or the treatment of certain cancers.

No. of Pages: 180 No. of Claims: 22

(22) Date of filing of Application :19/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention : COMPOSITIONS COMPRISING A NEAR TERMINAL BRANCHED COMPOUND AND METHODS OF MAKING THE SAME

(51) International algorithm	. A 611/0/24	(71)Nome of Applicant
(51) International classification	:A61K8/34	(71)Name of Applicant:
(31) Priority Document No	:61/364519	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:15/07/2010	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/US2011/043993	(72)Name of Inventor:
Filing Date	:14/07/2011	1)SCHEIBEL Jeffrey John
(87) International Publication No	:WO 2012/009525	2)KITKO David Johnathan
(61) Patent of Addition to Application	:NA	3)XU Jun
Number	*	4)SAUNDERS Charles Winston
Filing Date	:NA	5)PRICE Kenneth Nathan
(62) Divisional to Application Number	:NA	6)URBIN Stephanie Ann
Filing Date	:NA	7)GREEN Phillip Richard

(57) Abstract:

Disclosed herein are novel mixtures of near terminal branched compounds and derivatives thereof. Further disclosed are methods of making these mixtures and uses of these mixtures in cleaning compositions (e.g. dishcare laundry hard surface cleaners) and/or personal care compositions (e.g. skin cleansers shampoo hair conditioners).

No. of Pages: 136 No. of Claims: 10

(21) Application No.11026/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 19/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: CHIMERIC MOMP ANTIGEN METHOD AND USE

(51) International classification :C07K14/295,A61K39 (31) Priority Document No :10505352 (32) Priority Date :28/05/2010

(33) Name of priority country :Sweden

(86) International Application No :PCT/EP2011/058755 Filing Date :27/05/2011 (87) International Publication No :WO 2011/147975

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

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

:C07K14/295,A61K39/118 (71)Name of Applicant :

1)SPIXIA BIOTECHNOLOGY AB

Address of Applicant :c/o Inkubera AB Net City 7 S 701 83 –

rebro Sweden

(72)Name of Inventor: 1)ANDERSSON Sren

2)STRID ...ke

(57) Abstract:

The present invention regards polypeptides capable of eliciting an immunological response that is protective against. The polypeptide comprises a first amino acid sequence which has at least 90% homology with the amino acid sequence according to SEQ ID NO: 1 and a second amino acid sequence which has at least 90% homology with the amino acid sequence according to SEQ ID NO: 2. Furthermore production of these polypeptides and pharmaceutical compositions comprising them are also provided.

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

(19) INDIA

(22) Date of filing of Application :19/12/2012 (43) Publication

(43) Publication Date: 17/10/2014

(21) Application No.11028/DELNP/2012 A

(54) Title of the invention: HEAT EXCHANGE UNIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F28D7/02 :1008806.0 :26/05/2010 :U.K. :PCT/GB2011/050991 :26/05/2011 :WO 2011/148178 :NA :NA	(71)Name of Applicant: 1)HEAT RECOVERY SOLUTIONS LTD Address of Applicant :Boundary House Boston Road London W7 2QQ U.K. (72)Name of Inventor: 1)WICKHAM Mark
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A heat exchange unit (214) arranged to be used to recover energy from exhaust gas the heat exchange unit (214) comprising a gas inlet duct (222) to which a heat exchange duct (216) is connected wherein a heat exchange array (752 754) of a heat exchange system is situated within the heat exchange duct (216) surrounding a maintenance duct and wherein the maintenance duct (226) is arranged to allow access for inspection and/or maintenance of at least part of the heat exchange system.

No. of Pages: 39 No. of Claims: 33

(21) Application No.11029/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: DATA CENTRE COOLING SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H05K7/20 :1008825.0 :26/05/2010 :U.K. :PCT/GB2011/050987 :25/05/2011 :WO 2011/148175 :NA :NA :NA	(71)Name of Applicant: 1)BRIPCO BVBA Address of Applicant: Henri van Heurckstraat 15 B 2000 Antwerp Belgium (72)Name of Inventor: 1)VANEY Nick 2)KINGHAM Tom 3)BRITTON Simon
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(57) Abstract:

A method of cooling a data centre having at least one hot aisle (145) and at least one cold aisle (144) including the steps of producing cooling air having controlled to have temperature and relative humidity within certain pre defined limits; supplying the cooling air to a plurality of items of IT equipment (143) located in the data centre between the cold aisle and the hot aisle; measuring the velocity of air flowing from the hot aisle to the cold aisle through an opening (150) between the hot aisle and the cold aisle; and controlling the rate of supply of cooling air to the items of IT equipment in dependence on the velocity of air so measured.

No. of Pages: 80 No. of Claims: 41

(21) Application No.11030/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 19/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: NON TEMPER TEXTURE PROVIDING FAT COMPOSITIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:PA 2010 70289 :24/06/2010 :Denmark	(71)Name of Applicant: 1)AARHUSKARLSHAMN DENMARK A/S Address of Applicant: M.P. Bruuns Gade 27 DK 8000 Aarhus C Denmark (72)Name of Inventor: 1)ANDERSEN Morten Daugaard 2)JUUL Bjarne
(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 non temper texture providing fat composition comprising 10 65% by weight of one or more vegetable oils having a slip melting point of no more than 25°C and 35 90 % by weight of one or more vegetable fats having a slip melting point of more than 25°C; wherein in said one or more vegetable fats at least 90% by weight of the constituent fatty acid chains are longer than C12 the ratio C16:0 / C18:0 C24:0 is no more than 4 and the ratio SSU / SUS is at least 1 and wherein in said composition the content of S type of triglycerides is at least 0.5% by weight wherein the groups S designates identical or different saturated fatty acids and the groups U designates identical or different unsaturated fatty acids. The fat compositions provides texture at a similar or higher rate compared to state of the art fats at the same or a lower content of saturated fatty acids in confectionary applications. A method for the production of the fat compositions is described as well as some uses.

No. of Pages: 25 No. of Claims: 13

(19) INDIA

(22) Date of filing of Application: 19/12/2012 (43) Publication Date: 17/10/2014

:NA

(54) Title of the invention: COOLING DEVICE FOR USE IN A VEHICLE

(51) International classification	:B61C17/00,B61C3/00	(71)Name of Applicant:
(31) Priority Document No	:2010166487	1)KABUSHIKI KAISHA TOSHIBA
(32) Priority Date	:23/07/2010	Address of Applicant :1 1 Shibaura 1 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1058001 Japan
(86) International Application No	:PCT/JP2011/066127	(72)Name of Inventor:
Filing Date	:14/07/2011	1)KANDA Masahiko
(87) International Publication No	:WO 2012/011433	2)HIRAHARA Akira
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	

(21) Application No.11040/DELNP/2012 A

(57) Abstract:

Filing Date

The disclosed cooling device for use in a vehicle is provided with: an air intake duct (4) that is installed inside the body (1) of a vehicle and brings external air into the vehicle body (1) via an air inlet (11) provided in a wall section of the vehicle body (1); a fan (6) that is connected to the downstream end of the air intake duct (4) in an airtight manner; a removal duct (5) that is connected to the downstream end of the fan (6) in an airtight manner; a filter (9) that is installed inside the removal duct (5) and removes dust from external air that passes through the removal duct (5); a cooling duct (7) that directs external air which has passed through the filter (9) and had dust removed therefrom to a device (23) to be cooled; and an openable/closable inspection port (10) that is formed in the removal duct (5) opposite the filter (9) and opens to the interior of the vehicle body (1).

No. of Pages: 24 No. of Claims: 8

(21) Application No.11042/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention : METHOD AND APPARATUS FOR TWISTING BAR CONDUCTORS IN PARTICULAR FOR BAR WINDINGS OF ELECTRIC MACHINES

(31) Priority Document No (32) Priority Date	:H02K3/12,H02K3/28,H02K15/04 :NA :NA	1)TECNOMATIC S.P.A. Address of Applicant :Zona Industriale Santa Scolastica Via
(33) Name of priority country (86) International Application No Filing Date	:NA :PCT/IT2010/000305 :08/07/2010	Copernico 2 64013 Corropoli (Teramo) Italy (72)Name of Inventor: 1)GUERCIONI Sante
(87) International Publication No	:WO 2012/004817	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method (100) is described for twisting preformed bar conductors (25) of electric machines said conductors (25) comprising a first and a second leg (5) joined together by a connection portion (15). The method (100) comprises the steps of: a) providing (101) a twisting apparatus (30) comprising a twisting device (50) having at least a first (51) and a second body (52) coaxial with each other and extended around a twisting axis (Zt Zt) respectively comprising a first Al and a second A2 circular array of pockets with center on such axis (Z Z) b) loading (102) in a subset of said pockets a first plurality of said preformed conductors (25) the loading step (102) being such to leave a1 first residual subset of pockets free; c) driving (103) the first (51) and the second (52) body in relative rotation around said axis (Zt Zt) in order to distance such legs (5) from each other by a first pre established twisting pitch; d) loading (104) in a second subset of said second plurality of pockets a second plurality of preformed conductors (25; e) driving (106) the first (51) and the second (52) body in relative rotation around said axis (Zt Zt) in order to distance the legs (5) of the conductors of the second plurality of conductors from each other by a second pre established twisting pitch and to further distance the legs of the second plurality of conductors from each other by said second pre established twisting pitch.

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

(21) Application No.11046/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 19/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: METHOD OF AND SYSTEM FOR GRINDING PYROLYSIS OF PARTICULATE CARBONACEOUS **FEEDSTOCK**

(51) International :C10B57/14,C10B53/02,C10B49/16

classification

(31) Priority Document No :2010902743 :22/06/2010 (32) Priority Date (33) Name of priority country: Australia

(86) International Application :PCT/AU2011/000741 No

:21/06/2011 Filing Date

(87) International Publication: WO 2011/160163

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

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

(71)Name of Applicant:

1)CURTIN UNIVERSITY OF TECHNOLOGY

Address of Applicant :Kent Street Bentley Western Australia

6102 Australia

(72)Name of Inventor:

1)LI Chun Zhu 2)WANG Xiaoshan 3)WU Hongwei

(57) Abstract:

A pyrolysis plant (20) comprises a grinding pyrolyser (22) being a machine or apparatus in which both particle size reduction and pyrolysis occur simultaneously. Plant (20) also comprises a bin (30) for holding wet particulate biomass feedstock. Chute (32) leads from the bin (30) to a biomass dryer 34 which reduces moisture content of the feedstock to below about 10 % wt. Dried feedstock is conveyed from dryer (34) via line (36) to a dried biomass feedstock hopper (38). Dried feedstock is fed from hopper (38) into a chute (40) which leads to an inlet trunnion (42) of grinding pyrolyser (22). A discharge trunnion (44) of grinding pyrolyser (22) leads to a char holder (60) for collecting char particles and a condensation train (62) for condensing vapour generated by the pyrolysis to produce oil.

No. of Pages: 26 No. of Claims: 44

(22) Date of filing of Application :20/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: NEW INTERNAL COMBUSTION ENGINE AT ALTERNATING CYCLE WITH CONTROLLED VARIABLE COMPRESSION RATIO CVCR

(51) International classification :F02B75/04,F01B9/06,F01B7/16 (71) Name of Applicant:

:NA

(31) Priority Document No :RM 2010 A000336

(32) Priority Date :21/06/2010

(33) Name of priority country :Italy

(86) International Application No:PCT/IT2011/000171

Filing Date :23/05/2011

(87) International Publication No: WO 2011/161708

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

(62) Divisional to Application :NA Number

Filing Date

1)GIOVENGA Pietro

Address of Applicant: Via Nomentana Nuova 25 I 00141

Rome Italy

(72)Name of Inventor: 1)GIOVENGA Pietro

(57) Abstract:

The mechanic system in object uses the new structure of the crank mechanism assembly for internal combustion engines at alternating cycle without modifying the cycle. The system places instead of traditional connecting rod a new system. The system allows using two coaxial pistons with the opposite head acting in the same cylinder and has opposed combustion chambers. The system then replace the classical three elements for piston (piston connecting rod and crankshaft) with a system that can be considered to be composed of four elements for two Pistons with an evident general kinematic savings. The salient features of the system are: 1. Reduced lateral piston friction on the cylinder; 2. Reduction of General weights of the crankshaft assembly; 3. Lack of sucking effect resulting in better efficiency; 4. The new system of transmission is composed of two parts. That allows controlling the compression ratio and NOK. The proposed system tends to maintain optimal compression ratio between the volume of air/fuel mixture and the volume of the combustion chamber. 5. The system is governed by a hydraulic circuit the RC as determined by the program s control unit that controls the real pistons position through an electromagnetic sensors. 6. The system wanting to get higher specific power allow to use even the NOK indeed on the practice experimentation it was found that the RC can significantly exceed the maximum permissible RC which fuel is used while in a conventional engine owing to its rigidity when the NOK happens the piston MUST reach the TDC creating conflicting forces that create overpressure which tend to lock the engine and compromise its integrity with pressure of more than 200 bar. In the case of the new system these pressures can be controlled keeping them in limits (120/130 bar). 8. The system (which is calculated and prearranged for each specific engine type) in addition to the compression ratio change the intake capacity of Pistons which when the rpm increase make a bigger intake stroke; 9. The decrease of the rotating masses and the symmetrical position of opposed pistons with a cycle of explosions at 90° degrees on the same axis and on the same plane decreases drastically the vibrations of the first level and exclude the need of important stabiliser flywheel for the continuity of the cycle with a reduction of weight and mass; 10. The drive shaft of very small size (1/3 of the conventional drive shaft) decrease twists and longitudinal bending couple reducing vibrations of 2nd level. The small size of drive shaft reduces the couple of rotation of the engine reducing friction and fuel of materials consumption too; 11. The proximity of the cylinder and compactness of the crankshaft involve the reduction of the engine mounting (for 4 Pistons three engine mounting); 12. The placement of the connection point in the new system changing where the forces of the Pistons are applied to the rod and crankshaft change the characteristics of the engine power; 13. The tiling and using of a single sliding cylinder for two pistons reduces the size of the engine drastically and whereas practically all the cylinders can be wrapped from the coolant liquid paradoxically with a correct cooling system should improve the possibility of lubrication and cooling; 14. The system of electronic ignition must be calibrated in order to optimize the ignition considering the real RC and TDC at the moment of the explosion: The purpose of the new crankshaft Assembly are those of producing engines with reduced fuel consumption more compact and with torque and power best curves compared to the current engines.

No. of Pages: 20 No. of Claims: 4

(22) Date of filing of Application :20/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHODS FOR INHIBITING MUSCLE ATROPHY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:19/05/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)UNIVERSITY OF IOWA RESEARCH FOUNDATION Address of Applicant: Iowa Centers for Enterprise 2660 University Capitol Centre Iowa City IA 52242-5500 USA (72)Name of Inventor: 1)ADAMS Christopher M. 2)KUNKEL Steven D. 3)SUNEJA Manish 4)WELSH Michael
Filing Date	:NA	

(57) Abstract:

In one aspect the invention relates methods for inhibiting or preventing muscle atrophy or increasing muscle mass by providing to a subject in need thereof an effective amount of ursolic acid a derivative thereof or an analog of the ursane scaffold. 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: 225 No. of Claims: 20

(22) Date of filing of Application :20/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: SUSPENSION DEVICE FOR CONTAINERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B65D25/32 :MU90012771 :02/06/2010 :Brazil :PCT/BR2011/000175 :01/06/2011 :WO 2011/150485	(71)Name of Applicant: 1)BRASILATA S.A. EMBALAGENS MET LICAS Address of Applicant: Rua Robert Bosch 332 01141 010 S£o Paulo SP Brazil (72)Name of Inventor: 1) LVARES Antonio Carlos Teixeira 2)SENE Antonio Roberto
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The suspension device (A) is formed: by a ring (20) incorporating two opposite radial pins (21) and being ascendingly seated and locked against an external peripheral rib (14) of the body (10) of the container; and by a U shaped handle (30) having end portions (31) articulated in the radial pins (21) and being angularly displaced between inoperative and operative positions. The ring (20) incorporates a lock means (40) to retain the handle (30) in the inoperative position. Each end portion (31) of the handle (30) has a through opening (33) supporting a radial pin (21) and presenting a width in the direction transversal to the extension of the handle (30) sufficient to tightly support in said direction the radial pin and a length in the longitudinal direction of the handle (30) sufficient to support the radial pin (21) both with the handle (30) in the inoperative position and with the handle (30) in angular displacement from the inoperative position to the operative position.

No. of Pages: 30 No. of Claims: 14

(21) Application No.11066/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/12/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention: BENZOQUINOLONE INHIBITORS OF VMAT2

(51) International :C07D471/04,A61K31/4375,A61P25/00 classification

(31) Priority Document :61/350090

No

(32) Priority Date :01/06/2010 (33) Name of priority :U.S.A.

country

(86) International :PCT/US2011/038592

Application No :31/05/2011 Filing Date

(87) International :WO 2011/153157

Publication No (61) Patent of Addition to :NA Application Number

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

(71)Name of Applicant:

1)AUSPEX PHARMACEUTICAL INC.

Address of Applicant: 1261 Liberty Way Suite C Vista CA

92180 U.S.A.

(72)Name of Inventor:

1)GANT Thomas G.

2) ZHANG Chengzhi

3)SHAHBAZ Manouchehr

(57) Abstract:

The present invention relates to new benzoquinolone inhibitors of VMAT2 pharmaceutical compositions thereof and methods of use thereof.Formula (I)

No. of Pages: 97 No. of Claims: 42

(21) Application No.11067/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/12/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention : THERMAL EQUIPMENT THAT CAN BE MODIFIED TO EXTEND AND CONTROL THE THERMAL INERTIA OF INSULATED CONTAINERS

Filing Date :23/05/2011 (87) International Publication No :WO 2011/148311 (61) Patent of Addition to Application Number Filing Date :NA :NA (62) Divisional to Application Number :NA	 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:23/05/2011 :WO 2011/148311 :NA :NA	5
Filing Date :NA :NA	` /		

(57) Abstract:

The modifiable thermal equipment (9) is made up of an insulating container (I) and of a high emissivity heating body (2) sharing a common conduction surface (3). The thermal equipment (9) closed by an insulator (4) and by the lid (5) and through which there passes a thermal flux (7) defined by a temperature limiter (6) is capable of storing and of releasing the thermal flux (8) directed towards the container and of controlling the rate of cooling thereof by modifying the ambient conditions of the said container in order to cook or to keep at a precise temperature through the inertia of transmission the foodstuffs contained in the container (1).

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

(21) Application No.11069/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/12/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention : PROCESS FOR PRODUCING A METHANE CONTAINING GAS FROM SYNTHESIS GAS AND METHANE PRODUCTION PLANT FOR CARRYING OUT THE PROCESS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:10 2010 032 528.7 :28/07/2010 :Germany :PCT/EP2011/061893 :12/07/2011 :WO 2012/013493	(71)Name of Applicant: 1)THYSSENKRUPP UHDE GMBH Address of Applicant: Friedrich Uhde Strae 15 44141 Dortmund Germany (72)Name of Inventor: 1)MENZEL Johannes 2)THIELERT Holger
(61) Patent of Addition to Application Number	:WO 2012/013493 :NA :NA	2)THIELERT Holger
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a process for producing a methane containing gas from synthesis gas wherein a synthesis gas containing carbon monoxide and hydrogen is fed for methanation to a reactor system (1) having a catalyst material wherein the process gas stream leaving the reactor system (1) is divided into a product gas stream and a recycle gas stream and wherein the recycle gas stream for compensation of the pressure drop is transported through an ejector (5) and for cooling is passed together with the synthesis gas into the reactor system (1). According to the invention the product gas stream is compressed to a pressure which is greater than the pressure of the synthesis gas that is fed to the reactor system (1). Either compressed product gas or industrial gas from an industrial gas pipe system (9) is fed as propellant medium to the ejector (5). The invention also relates to a methane production plant for carrying out the process.

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

(22) Date of filing of Application :20/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: ROLLED STEEL BAR OR WIRE FOR HOT FORGING

:WO 2012/011469

(51) International classification: C22C38/00,C21D8/06,C22C38/58 (71) Name of Applicant:

(31) Priority Document No :2010162442 (32) Priority Date :20/07/2010

(33) Name of priority country: Japan

(86) International Application :PCT/JP2011/066365

No Filing Date

:19/07/2011

(87) International Publication

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

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

Filing Date (57) Abstract:

1)NIPPON STEEL & SUMITOMO METAL

CORPORATION

Address of Applicant: 6 1 Marunouchi 2 chome Chiyoda ku

Tokyo 1008071 Japan

2)HONDA MOTOR CO. LTD.

(72)Name of Inventor: 1)HASHIGUCHI Kunio 2)HASEGAWA Tatsuva 3)MATSUMOTO Hitoshi

4)EGASHIRA Makoto 5)TANAHASHI Tsutomu 6)TSUKAMOTO Tatsuva 7)SHINKAWA Masaki

Disclosed is a rolled steel bar or wire for hot forging which has a chemical composition that contains 0.10 0.20% of C 0.01 0.30% of Si 1.00 2.30% of Mn 0.040% or less of S 0.10 0.80% of Cr 0.010 0.080% of Al 0.0002 0.0050% of B 0.010 0.080% of Ti and 0.0020 0.0080% of N with the balance made up of Fe and impurities while limiting P to 0.040% or less Cu to less than 0.10% Ni to less than 0.10% Mo to less than 0.05% and V to 0.01% or less among the impurities in said chemical composition [Ti 3.4N = 0.001] being satisfied Ceq represented by a specific formula of C Si Mn Ni Cr Mo and V being 0.57 or less and DI represented by a specific formula of C Si Mn P S Cr Ni Mo and Cu being 70 170. The rolled steel bar or wire for hot forging has 10 or more Ti precipitates having a circle equivalent diameter of 0.07 1.0 µm and 10 or more Ti precipitates having a circle equivalent diameter of 0.01 0.05 µm in an area of 100 µm. Since the rolled steel bar or wire for hot forging is weldable and has excellent strength and toughness of the matrix and excellent toughness of HAZ the rolled steel bar or wire for hot forging is suitable as a material for underbody components of automobiles such as a spindle.

No. of Pages: 44 No. of Claims: 2

(21) Application No.11076/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: FORGED CRANKSHAFT

(51) International classification: C22C38/00,C22C38/60,F16C3/08 (71) Name of Applicant:

(31) Priority Document No :2010137724 (32) Priority Date :16/06/2010

(33) Name of priority country :Japan

(86) International Application :PCT/JP2011/063490

No Filing Date

(87) International Publication

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

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

:WO 2011/158782

:NA

:13/06/2011

:NA

:NA

1)NIPPON STEEL & SUMITOMO METAL

CORPORATION

Address of Applicant: 6 1 Marunouchi 2 chome Chiyoda ku

Tokyo 1008071 Japan

(72)Name of Inventor:

1)KIM Kisung 2)TAHIRA Hiroaki

3)MAEJIMATaketo

(57) Abstract:

Provided is a forged crankshaft having excellent wear resistance. The forged crankshaft is constituted of a non heat treated steel material. The non heat treated steel material has a chemical composition which contains in terms of mass% 0.45 0.70% C 0.75 1.30% Si 1.00 2.00% Mn 0.03 0.30% S 0.05 0.30% Cr 0.005 0.050% Al and 0.005 0.020% N with the remainder comprising Fe and impurities and which satisfies relationship (1). The matrix of the non heat treated steel material comprises a ferrite pearlite structure or pearlite structure which has a pro eutectoid ferrite content less than 10% in terms of areal proportion. 1.1C+Mn+0.2Cr>2.0 (1) In relationship (1) the contents (mass%) of the respective elements are substituted for the atomic symbols.

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

(21) Application No.11078/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: NOVEL ALKYL PERFLUOROALKENE ETHERS AND USES THEREOF

(31) Priority Document No (32) Priority Date	n:C07C43/17,C09K5/10,C07C41/01 :61/362833 :09/07/2010	1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant :1007 Market Street Wilmington
(33) Name of priority country (86) International Application No	:U.S.A. :PCT/US2011/043301 :08/07/2011	Delaware 19898 U.S.A. (72)Name of Inventor: 1)BARTELT Joan Ellen
Filing Date (87) International Publication No	:WO 2012/006493	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed are methods of transferring heat comprising providing a device, using a heat-transfer fluid to transfer heat to or from the device, wherein the heat-transfer fluid compositions comprise at least one unsaturated fluoroether having the formula CF3(CF2)xCF=CFCF(OR)(CF2) CF3, CF3(CF2)xC(OR)=CFCF2(CF2) CF3, CF3(CF2)xCF=CFCF(OR)(CF2)x(CF2) CF3, CF3(CF2)xCF=CFCF2(CF2)xCF=CFCF2(CF2)xCF=CF2)xCF=CF2(CF2)xCF=CF

No. of Pages: 29 No. of Claims: 13

(21) Application No.11079/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: INSULIN ANALOGUES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:25/05/2011 :WO 2011/146973 :NA	(71)Name of Applicant: 1)SYNGENE LIMITED Address of Applicant:10 Wallace Avenue Toorak VIC 3142 Australia (72)Name of Inventor: 1)ROBINSON Andrea 2)VAN LIEROP Bianca
. ,	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A dicarba analogue of insulin comprising an A chain and a B chain or fragments salts solvates derivatives isomers or tautomers of the A chain the B chain or both provided that the dicarba analogue is not [A7 B7 (2 7 diaminosuberoyl] des (B26 B30) insulin B25 amide.

No. of Pages: 231 No. of Claims: 43

(22) Date of filing of Application :20/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: SYNTHESIS OF 1234YF BY SELECTIVE DEHYDROCHLORINATION OF 244BB

(51) International classification :C07C17/25,C07C21/18 (71)Name of Applicant : (31) Priority Document No 1)E. I. DU PONT DE NEMOURS AND COMPANY :61/361713 (32) Priority Date :06/07/2010 Address of Applicant :1007 Market Street Wilmington (33) Name of priority country Delaware 19898 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/042984 (72)Name of Inventor: 1)NAPPA Mario Joseph Filing Date :06/07/2011 (87) International Publication No :WO 2012/006295 2)LOUSENBERG Robert D. (61) Patent of Addition to Application 3)JACKSON Andrew :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Disclosed is a process for the manufacture of 2 3 3 3 tetrafluoropropene comprising: (a) contacting 1 1 1 2 tetrafluoro 2 chloropropane with a catalyst comprised of chromium (III) oxide and at least 1% of an alkali metal to produce a product mixture comprising 2 3 3 3 tetrafluoropropene; and (b) recovering said 2 3 3 3 tetrafluoropropene from the product mixture produced in step (a) above.

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

(21) Application No.11048/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 19/12/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention: METHOD AND CIRCUIT ASSEMBLY FOR THE DIAGNOSIS OF A LOAD PATH IN A VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:102010030826.9 :01/07/2010 :Germany :PCT/EP2011/060706 :27/06/2011 :WO 2012/000931 :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor: 1)SZOKE Szilard 2)KOSZNAI Zoltan 3)FATER Istvan
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method and to a circuit assembly for the diagnosis of a load path (30) in a vehicle wherein the load path (30) comprises a DC voltage source (32) a switchable load (34) permanently connected to a negative pole () and a load switch (36) permanently connected to a positive pole (+) which switch can be controlled by means of a load control signal (SL) wherein in the closed state of the load switch (36) a load current (lL) can be conducted through the switchable load (34). The invention further relates to an associated circuit assembly for the diagnosis of a load path. According to the invention during the diagnosis a test current (lT) having a defined level is generated and is output to the switchable load (34) in accordance with a test control signal (ST) via a test switch (16) on an output terminal (OUT) wherein a resulting voltage (UOUT, UOUT, UOUT) is detected processed and evaluated at the output terminal (OUT) wherein the load switch (36) is opened during the diagnosis and wherein at least two different diagnostic cases are generated via the test control signal (ST) and the resulting switching state of the test switch (16).

No. of Pages: 28 No. of Claims: 14

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: STEEL HAVING EXCELLENT MACHINABILITY FOR MECHANICAL STRUCTURE

(51) International classification :C22C38/00,C22C38/60 (71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL (31) Priority Document No :2010160136 (32) Priority Date :14/07/2010 CORPORATION (33) Name of priority country Address of Applicant: 6 1 Marunouchi 2 chome Chiyoda ku :Japan (86) International Application No :PCT/JP2011/065782 Tokyo 1008071 Japan Filing Date :11/07/2011 (72)Name of Inventor: :WO 2012/008405 (87) International Publication No 1)AISO Toshiharu (61) Patent of Addition to Application 2)YOSHIDA Suguru :NA Number 3)KUBOTA Manabu :NA Filing Date 4)MIYANISHI Kei (62) Divisional to Application Number :NA 5)KOZAWA Shuji Filing Date :NA

(57) Abstract:

Provided is a steel for a mechanical structure which comprises by mass% 0.40% to less than 0.75% of C 0.01% to 3.0% of Si 0.1% to 1.8% of Mn 0.001% to 0.1% of S greater than 0.1% to 1.0% of Al 0.001% to 0.02% of N no more than 0.05% of P and residual Fe and inevitable impurities as the balance and which satisfies 139.38=214—[C]+30.6—[Si]+42.8—[Mn] 14.7—[Al]=177 and 0.72=[C]+1/7—[Si]+1/5—[Mn]<1.539.

No. of Pages: 43 No. of Claims: 11

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: ELECTRO MECHANICAL PUSH BUTTON VEHICLE SEAT ACTUATION MECHANISM

(51) International classification (31) Priority Document No	:B60N2/12 :61/358252	(71)Name of Applicant: 1)JOHNSON CONTROLS TECHNOLOGY COMPANY
(32) Priority Date	:24/06/2010	Address of Applicant :915 East 32nd Street Holland MI 49423
(33) Name of priority country(86) International Application No	:U.S.A. :PCT/US2011/041686	U.S.A. (72)Name of Inventor :
Filing Date (87) International Publication No	:23/06/2011 :WO 2011/163516	1)MICHALAK Eric B. 2)RAJKUMAR Joseph
(61) Patent of Addition to Application Number	:NA	3)KOWALSKI Mark 4)HAVALI Vijay
Filing Date (62) Divisional to Application Number	:NA	5)MEDVECKY Jeffrey P.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A vehicle seat having a seat back pivotably coupled to a seat base by a seat recliner mechanism such that the seat back can be pivoted in a forward and rearward direction relative the seat base. The seat includes a track assembly coupled to the vehicle and the seat such that the seat can be moved in the forward and rearward directions relative to the vehicle interior. The seat further includes an actuator mechanism having a first actuator that includes a push button located on the seat and an actuator in electrical communication with the push button A force transmitting device has one end connected to the actuator and a second end connected to the seat recliner mechanism such that energizing the actuator actuates the force transmitting device to release the seat recliner mechanism and move the seat between a use and a tipped and forward position.

No. of Pages: 40 No. of Claims: 15

(21) Application No.11236/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: MORTISE LOCK CYLINDER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:22/06/2011 :WO 2011/163335 :NA :NA	(71)Name of Applicant: 1)NEWFREY LLC Address of Applicant: 1207 Drummond Plaza Newark DE 19711 U.S.A. (72)Name of Inventor: 1)BUI Jeanette Vy 2)WINARDI Michael
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A mortise lock cylinder includes a turn piece assembly including a turn piece in driving engagement with a first clutch. A keyed cylinder assembly includes a plug body in driving engagement with a second clutch. A first portion of the turn piece assembly is received in the first end of a housing and a second portion of the keyed cylinder assembly is received in the second end of the housing. A cam is positioned in the cam slot and mounted for rotation. The mortise lock cylinder is configured such that the cam always is drivably engaged with the first clutch and configured such that the second clutch is drivably coupled to the cam via the first clutch when the key is inserted into the keyed cylinder assembly.

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

(21) Application No.11240/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: DELIVERY OF LENTIVIRAL VECTORS TO THE BRAIN

(51) International classification :A61K48/00,C
(31) Priority Document No :1009052.0
(32) Priority Date :28/05/2010

(33) Name of priority country :U.K. (86) International Application No :PCT/0

(86) International Application No :PCT/GB2011/051009 Filing Date :27/05/2011 (87) International Publication No :WO 2011/148194

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

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

:A61K48/00,C12N15/867 (71)Name of Applicant :

1)OXFORD BIOMEDICA (UK) LTD

Address of Applicant: Medawar Centre Robert Robinson Avenue The Oxford Science Park Oxford Oxfordshire OX4 4GA

U.K

(72)Name of Inventor:
1)WIDDOWSON Peter

2)RALPH Scott

3)MITROPHANOUS Kyriacos

(57) Abstract:

The present invention provides a lentiviral vector for delivery to the brain for use in treating a neurological condition wherein the lentiviral vector is delivered directly to the brain by delivering the lentiviral vector via six or fewer tracts per hemisphere at a single deposit point per tract.

No. of Pages: 46 No. of Claims: 17

(21) Application No.11244/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: VEHICLE STABILIZATION IN THE EVENT OF LARGE DETONATION

(51) International classification	:F41H7/04,F41H13/00,F41H5/007	(71)Name of Applicant:
(31) Priority Document No	:1008903.5	1)SLOMAN Roger Mark
(32) Priority Date	:27/05/2010	Address of Applicant :Hazlehurst Farm Mercaston Ashbourne
(33) Name of priority country	:U.K.	Derbyshire DE6 3BH U.K.
(86) International Application	:PCT/GB2010/051732	(72)Name of Inventor:
No	:14/10/2010	1)SLOMAN Roger Mark
Filing Date	.14/10/2010	
(87) International Publication	:WO 2011/148118	
No	0 2011/11/0110	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date		

(57) Abstract:

A vehicle apparatus (10) method and computer program are provided. The vehicle comprises: vehicle stabilizing means (18) for ejecting at least one non gaseous mass (52); means (16) for detecting an explosion local to the vehicle; and control means (12) for controlling in response to detection of an explosion local to the vehicle stabilizing means to eject at least one non gaseous mass in order to apply a force to the vehicle and stabilize the vehicle in response to the explosion.

No. of Pages: 52 No. of Claims: 41

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: A DEVICE FOR ADAPTING A FOOD CAPSULE INTO A CAPSULE HOLDER

(33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number (88) International Publication No Switzerland (72)Name of Inventor: (72)Name of Inventor:	
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract:

The present invention concerns an adapting device (6) for adapting a capsule (100) into the capsule holder (7) of a food machine when said capsule or pod (100) is smaller than capsules or pods originally designed for insertion into said capsule holder said machine comprising a fluid injection element (11) for circulating a fluid through the capsule to a discharge opening said capsule comprising a body enclosing a food ingredient to be dissolved and/or extracted so as to produce a food product and further comprising circumferential edges (4 22) said device comprising: a holding portion for holding at least a portion of said capsule and sealing means (16 17 32) for circumferentially adapting to the capsule holder and/or to the fluid injection element and/or to the capsule outside surface in a leak tight manner so that the fluid flow is directed solely from the fluid injection element (11) through the capsule to a discharge opening.

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

(21) Application No.11248/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: DOSING UNIT FOR A POWDER DISPENSER

(51) International classification	:A47J31/40,G01F11/24	(71)Name of Applicant:
(31) Priority Document No	:201010253787.4	1)NESTEC S.A.
(32) Priority Date	:24/06/2010	Address of Applicant :Av. Nestl 55 CH 1800 Vevey
(33) Name of priority country	:China	Switzerland
(86) International Application No	:PCT/EP2011/059291	(72)Name of Inventor:
Filing Date	:06/06/2011	1)HU Ruguo
(87) International Publication No	:WO 2011/160938	2)CHEN Rong
(61) Patent of Addition to Application	:NA	3)YANG Smith
Number	:NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention concerns a dosing unit for a powder dispenser comprising two dosing chambers (2 3) each chamber comprising: one upstream inlet (21 31) and one downstream outlet (22 32) an upstream means (23 33) for opening and closing the inlet a downstream means (24 34) for opening and closing the outlet the upstream means (23 33) closing the inlet (21 31) when the downstream means (24 34) opens the outlet (22 32) and reciprocally wherein the upstream means (23) of the first chamber closes the first chamber (2) when the upstream means (33) of the second chamber opens the second chamber (3) and reciprocally.

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

(21) Application No.11249/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD FOR DETERMINING A CORRECTION CHARACTERISTIC CURVE

(51) International classification :F02D41/24,F02D41/14,F02D41/38

(31) Priority Document No :10 2010 030 872.2 (32) Priority Date :02/07/2010

(33) Name of priority country: Germany

(86) International Application :PCT/EP2011/060679

Filing Date :27/06/2011

(87) International Publication :WO 2012/000920

No

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

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

(71)Name of Applicant : 1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor:
1)VEIT Guenter

(57) Abstract:

The invention relates to a method for determining a correction characteristic curve (29) for adapting a characteristic curve of an injection system (26) in which the correction characteristic curve (29) comprises at least one deviation of a measured characteristic curve with respect to a setpoint characteristic curve wherein the at least one deviation comprises a sum tolerance of at least two components of the injection system (26) which influence the characteristic curve.

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

(21) Application No.10458/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/11/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: ANTI VEGF ANTIBODIES AND USES THEREOF

(51) International classification	:A61K39/395,C07K16/00	(71)Name of Applicant:
(31) Priority Document No	:61/354590	1)VACCINEX INC.
(32) Priority Date	:14/06/2010	Address of Applicant :1895 Mt. Hope Avenue Rochester New
(33) Name of priority country	:U.S.A.	York 14620 U.S.A.
(86) International Application No	:PCT/US2011/040361	(72)Name of Inventor:
Filing Date	:14/06/2011	1)CROY Leslie A.
(87) International Publication No	:WO 2011/159704	2)PARIS Mark J.
(61) Patent of Addition to Application	:NA	3)SMITH Ernest S.
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided are monoclonal antibodies and antigen binding fragments thereof that specifically bind vascular endothelial growth factor (VEGF). The anti VEGF monoclonal antibodies block VEGF binding to its receptors (e.g. VEGFR1 and/or VEGFR2) and prevent phosphorylation of VEGFR2 by VEGF. Also provided are methods of using the monoclonal anti VEGF antibodies for treatment of disease including cancer.

No. of Pages: 103 No. of Claims: 119

(21) Application No.10460/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/11/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention : FORK FOR EFFECTING THE TRANSLATIONAL MOVEMENT OF THE SLIDING SLEEVE IN A GEARBOX

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:31/05/2011 :WO 2011/151594 :NA :NA	(71)Name of Applicant: 1)DURA AUTOMOTIVE SYSTEMS SAS Address of Applicant: 14 Parc Burospace Route de Gisy F 91570 Bi vres France (72)Name of Inventor: 1)MAITRE Sbastien 2)BLANC Hugues
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The fork comprises inserts, overmoulded in a body (3) made of a thermoplastic resin, whose modulus of elasticity is at least twice as high as that of the thermoplastic resin and shaped to form an arc-of-a-circle profile (1) substantially matching the cross section delimited by the two prongs of the fork and, possibly, a ring (2) for housing a drive shaft, the said resin being charged, lOin particular with glass fibres, capable of linking the functions performed by said inserts (1) and (2). REFERENCE:

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

(21) Application No.11279/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: WIND TURBINE

(51) International classification :H02J3/38,H02H7/06,H02H7/08 (71)Name of Applicant :

(31) Priority Document No :PA 2010 70307 (32) Priority Date :30/06/2010

(33) Name of priority country :Denmark

(86) International Application No: PCT/DK2011/050243

Filing Date :29/06/2011 (87) International Publication No :WO 2012/000508

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

:NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1) VESTAS WIND SYSTEMS A/S

Address of Applicant : Hedeager 44 DK 8200 Aarhus N

Denmark

(72)Name of Inventor: 1)GUPTA Amit Kumar 2)TRIPATHI Anshuman 3)ANBARASU Ramasamy

4)STYHM Ove

5)OPINA Gil Lampong Jr 6)KARUPPANAN Yugarajan

7)LI Bing 8)CAO Shu Yu

(57) Abstract:

A wind turbine is provided. The wind turbine includes a generator an output thereof being connectable to a power grid via a power transmission path the power transmission path comprising a generator side converter coupled to the output of the generator a grid side converter coupled to the power grid and a DC link coupled between the generator side converter and the grid side converter. For diverting the generator power a load dump arrangement is provided which includes at least one resistor a plurality of switches and a plurality of electrical connections which electrically connect the at least one resistor to the output of the generator and across the DC link via the plurality of switches. One common and configurable load dump is used for both converter system failures and grid failures. As compared to two separate load dumps for converter failures and grid failures the single load dump will require a smaller space for a wind turbine. Thus the weight and size of the power converter system may be reduced.

No. of Pages: 77 No. of Claims: 22

(21) Application No.11280/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: GRINDING AID

(51) International classification :C04B24/12,C04B28/04 (71)Name of Applicant : (31) Priority Document No :1010306.7

(32) Priority Date :21/06/2010

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

(86) International Application No :PCT/GB2011/051163 Filing Date :21/06/2011

:WO 2011/161447 (87) International Publication No

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

1)FOSROC INTERNATIONAL LIMITED

Address of Applicant: 4th Floor 40a Dover Street London

W1S 4NW U.K.

(72)Name of Inventor:

1)MONTECELO Ivan

2)VILES Robert Franklyn

3)INAMDAR Madhav

(57) Abstract:

The invention relates to the use of methyldiethanolamine as a grinding aid for cement and in particular its use as a strength enhancing grinding aid for cement. The compressive strength may be enhanced by the methyldiethanolamine at both at an early stage (1and/or 3 days from the start of hydration) and at a late stage (7 and/or 28 days from the start of hydration). The early stage strength enhancing effect is particularly notable for a blended cement composition with lower clinker content.

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

(22) Date of filing of Application :27/12/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention : METHOD AND DEVICES FOR CREATING AND USING AN IDENTIFICATION DOCUMENT THAT CAN BE DISPLAYED ON A MOBILE DEVICE

(51) International classification (31) Priority Document No	:H04W12/06,H04L29/06,G06Q20/00 :NA	(71)Name of Applicant : 1)SWISS TECHNICAL ELECTRONICS (STE) HOLDING AG
(32) Priority Date	:NA	Address of Applicant :Heiligenkreuz 6 FL 9490 Vaduz
(33) Name of priority country	:NA	Liechtenstein (72)Name of Inventor:
(86) International Application No Filing Date	:PCT/EP2010/003256 :28/05/2010	1)LOCHER Johann Kaspar
(87) International Publication No	:WO 2011/147433	
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method for producing an identification document that can be displayed on a mobile communication device of an ID user and a server arrangement for carrying out the method, an identification document, in particular for the authentication of authorizations or qualifications of a person and the use of this identification document for processing transactions at a transaction terminal and a method for the management of the identification documents. 38

No. of Pages: 44 No. of Claims: 33

(22) Date of filing of Application :27/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: DRY PROCESS ARTIFICIAL LEATHER MANUFACTURING MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:15/02/2011 :WO 2012/065372 :NA :NA	(71)Name of Applicant: 1)LI Zhi Address of Applicant: King Full Machinery Co. LTD Nanwu Village HouJie Dongguan Guangdong 523000 China (72)Name of Inventor: 1)LI Zhi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A dry process artificial leather manufacturing machine is disclosed. The machine includes a supporting frame and a heating wheel mechanism thereon. The heating wheel mechanism includes a scraping unit a rotating heating wheel and a laminating wheel. The heating wheel is provided with a heat supply device and the outer circumferential surface of the heating wheel is a smooth working surface. The scraping unit is set above corresponding to the working surface of the heating wheel and the laminating wheel is set beside corresponding to the working surface of the heating wheel to make it in front of the scraping unit along the rotating direction of the heating wheel. The scraping unit the heating device the transmitting device the laminating device and the setting device in traditional technology are masterly integrated into one heating wheel mechanism which is shared in common by the processes of scraping heating transmitting laminating and setting. By passing the coating material and the base material belts through the heating wheel of present invention the steps of scraping heating transmitting laminating and setting upon the coating material and the base material belts are accomplished. The production line of present invention is short and free of release paper consumption.

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

(21) Application No.11268/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/12/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention: A METHOD AND DEVICE FOR SELF ACTING HEAT TRANSFER IN A DIRECTION REVERSE TO NATURAL CONVECTION

(51) International :F28D15/00,F28D15/02,F28D15/06

classification

(31) Priority Document No :P.391961 :26/07/2010 (32) Priority Date (33) Name of priority country: Poland

(86) International Application :PCT/PL2011/000077

No :15/07/2011 Filing Date

(87) International Publication :WO 2012/015321

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

(62) Divisional to Application :NA Number :NA

Filing Date

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(72)Name of Inventor:

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3)DUDA Michal

4)PIECHOCKI Janusz

5)SAMSEL Marek

6)WJCIK Robert

(57) Abstract:

According to the present invention the method of heat transfer in a direction which is reverse to natural convection consists in introduction of an additional pumping substance into the heated area. The pumping substance is incapable to be dissolved in the heat transfer agent and its boiling temperature is lower than the boiling temperature of the heat transfer agent. The heat transfer agent is heated up the pumping substance evaporates and the vapour pressure of the pumping substance is used to force the hot heat transfer agent to flow along the branches of the circulating loop. The device for heat transfer in a direction reverse to the natural convection characterized in that its design incorporates technical means intended for vapour condensation of the pumping substance as well as technical means intended for draining that condensate from the condensation area to the evaporation area.

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

(21) Application No.11269/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: PYRAZINYL CARBOXAMIDES AS FUNGICIDES

(51) International classification	:C07D241/02,A01N43/56	(71)Name of Applicant:
(31) Priority Document No	:61/352104	1)DOW AGROSCIENCES LLC
(32) Priority Date	:07/06/2010	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/US2011/038517	(72)Name of Inventor:
Filing Date	:31/05/2011	1)BRYAN Kristy
(87) International Publication No	:WO 2011/156174	2)DAVIS George
(61) Patent of Addition to Application	:NA	3)GRAUPNER Paul
Number	:NA	4)LORSBACH Beth
Filing Date		5)OWEN W.
(62) Divisional to Application Number	:NA	6)TISDELL Francis
Filing Date	:NA	

(57) Abstract:

This present disclosure is related to the field of pyrazine carboxamides and their derivatives and the use of these compounds as fungicides.

No. of Pages: 25 No. of Claims: 4

(21) Application No.11270/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/12/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention: ANTHRANILIC ACID DIAMIDE DERIVATIVES WITH CYCLICAL SIDE CHAINS

(51) International

:C07D403/06,C07D405/14,C07D409/14

classification

(31) Priority Document

(32) Priority Date

:15/06/2010

:10166063.7

(33) Name of priority country

:EPO

(86) International

:PCT/EP2011/059692

Application No Filing Date

:10/06/2011

(87) International Publication No

:WO 2011/157651

(61) Patent of Addition to :NA

:NA

Application Number Filing Date

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

Filing Date

(71)Name of Applicant:

1)BAYER INTELLECTUAL PROPERTY GMBH

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2)GRONDAL Christoph

3)HEIL Markus

4)WROBLOWSKY Heinz Juergen

5) GESING Ernst Rudolf

6)VOERSTE Arnd

7)G-RGENS Ulrich

(57) Abstract:

The present invention relates to novel anthranilic diamide derivatives of the general formula (I) R3NR2 R e / N - N Q -in which R1, R2, R3, R4, R5, R6, A, Q and n have the meanings given in the description, to their use as insecticides and acaricides for controlling animal pests, also in combination with other agents for activity boosting, and a plurality of processes for their preparation.

No. of Pages: 134 No. of Claims: 11

(22) Date of filing of Application :27/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: SUBSTITUTED TRIAZOLOPYRIDINES

(51) International :C07D471/04,C07D519/00,A61K31/437 classification

(31) Priority Document :10166149.4

(32) Priority Date

(33) Name of priority country

(86) International

Application No Filing Date

(87) International

Publication No

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

Filing Date (62) Divisional to Application Number Filing Date

:16/06/2010

:EPO

:PCT/EP2011/059806 :14/06/2011

:WO 2011/157688

:NA

:NA :NA (71)Name of Applicant:

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(72)Name of Inventor:

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2)KOSEMUND Dirk 3)SCHIROK Hartmut

4)BADER Benjamin 5)LIENAU Philip

6)WENGNER Antje Margret

7)BRIEM Hans 8)HOLTON Simon

9)SIEMEISTER Gerhard 10)PRECHTL Stefan 11)KOPPITZ Marcus 12)ST-CKIGT Detlef

13)PRIEN Olaf

(57) Abstract:

The present invention relates to substituted triazolopyridine compounds of general formula (I): in which R R R R and R are as given in the description and in the claims to methods of preparing said compounds to pharmaceutical compositions and combinations comprising said compounds to the use of said compounds for manufacturing a pharmaceutical composition for the treatment or prophylaxis of a disease of uncontrolled cell growth proliferation and/or survival as well as to the use of intermediate compounds for the preparation of said compounds.

No. of Pages: 290 No. of Claims: 17

(22) Date of filing of Application :27/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention : NETWORK ELEMENTS FOR END TO END (E2E) CIRCUIT SERVICE (CS) CALL TRACING FUNCTIONALITY

(51) International classification :H04W88/00 (71)Name of Applicant: (31) Priority Document No :PCT/CN2010/075863 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (32) Priority Date Address of Applicant :SE 16483 Stockholm Sweden :10/08/2010 (33) Name of priority country (72)Name of Inventor: :China (86) International Application No :PCT/CN2010/077110 1)WANG Chunbo Filing Date :19/09/2010 2)TURINA Klaus (87) International Publication No :WO 2012/019375 3)CHU Haibin (61) Patent of Addition to Application 4)DONG Zhenghao :NA Number 5)XU Mingqiu :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

According to the invention it provides a Network Element (NE) acting as an originating NE for End to End (E2E) Circuit Service (CS) call tracing functionality the NE comprising: a receiver configured to receive a trace activation message which contains trace control and configuration parameters wherein the trace control and configuration parameters include at least a Trace Reference a start triggering event a stop triggering event an E2E call tracing option and an address of a Trace Collection Entity; a storage device configured to store the trace control and configuration parameters received by the receiver; a trace data reporter configured to start a trace session with the Trace Reference to start a Trace Recording Session with a Trace Recording Session Reference when the start triggering event occurs and to record and output trace data according to the stored trace control and configuration parameters; and a sender configured to detect that the E2E call tracing option is included in the trace activation message and to include/send a trace extension field in a protocol signaling message towards a next NE wherein the trace extension field includes at least the Trace Reference the Trace Recording Session Reference and the address of the Trace Collection Entity wherein the trace data reporter is further configured to stop the Trace Recording Session when the stop triggering event occurs. Also the present invention provides an NE acting as an intermediate NE and an NE acting as a terminated NE both for the E2E CS call tracing functionality.

No. of Pages: 53 No. of Claims: 32

(22) Date of filing of Application :27/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: 2 PYRIDYL SUBSTITUTED IMIDAZOLES AS THERAPEUTIC ALK5 AND/OR ALK4 INHIBITORS

(51) International (71)Name of Applicant: :C07D471/04,C07D401/14,C07D413/14 classification 1)EWHA UNIVERSITY INDUSTRY COLLABORATION (31) Priority Document **FOUNDATION** :12/826338 Address of Applicant: 11 1 Daehyun dong Seodaemun gu Seoul 120 750 Republic of Korea (32) Priority Date :29/06/2010 (33) Name of priority (72)Name of Inventor: :U.S.A. 1)KIM Dae Kee country (86) International 2) SHEEN Yhun Yhong :PCT/KR2011/004631 Application No 3)JIN Cheng Hua :24/06/2011 Filing Date 4)PARK Chul Yong (87) International 5)SREENU Domalapally :WO 2012/002680 Publication No 6)RAO Kota Sudhakar (61) Patent of Addition to :NA 7)KRISHNAIAH Maddeboina **Application Number** 8)SUBRAHMANYAM Vura Bala :NA Filing Date (62) Divisional to

(57) Abstract:

Application Number

Filing Date

This invention relates to 2 pyridyl substituted imidazoles which are inhibitors of the transforming growth factor (TGF) type I receptor (ALK5) and/or the activin type I receptor (ALK4) methods for their preparation and their use in medicine specifically in the treatment and prevention of a disease state mediated by these receptors.

No. of Pages: 124 No. of Claims: 8

:NA

:NA

(21) Application No.11285/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: MULTIFUNCTIONAL ANTIBODY CONJUGATES

(51) International :A61K47/48,C07K16/28,A61P35/00

classification (31) Priority Document No :61/363507

(32) Priority Date :12/07/2010 (33) Name of priority country: U.S.A.

(86) International Application: PCT/IB2011/053092

:11/07/2011 Filing Date

(87) International Publication :WO 2012/007896

No (61) Patent of Addition to :NA **Application Number**

:NA Filing Date

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

(71)Name of Applicant:

1)COVX TECHNOLOGIES IRELAND LIMITED

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Co. Cork Ireland

(72)Name of Inventor:

1)BHAT Abhiit Suresh

2)BRADSHAW Curt William 3)LAURENT Olivier Alexandre

4)PRESTON Richard Rvan

5)TUMELTY David

6)WOOD Lauren Diane

7)YU Wei Hong

8)LEE Alice

(57) Abstract:

The present invention relates to Multifunctional Antibody Conjugates comprising an antibody or antigen binding portion thereof comprising at least a fragment of a light chain constant kappa region (CL) comprising K according to Kabat numbering; a linker comprising the formula X Y Z wherein Z is a group is covalently connected to the antibody through the side chain of K Y is a linear or branched biologically compatible connecting chain and X is a group covalently connected to at least one Effector Moiety. The invention further provides specific MAC compounds and compositions of the invention.

No. of Pages: 225 No. of Claims: 80

(22) Date of filing of Application :27/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD FOR FEEDING ELECTRICAL POWER INTO A THREE PHASE AC VOLTAGE SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02J3/26,H02J3/38 :10 2010 029 951.0 :10/06/2010 :Germany :PCT/EP2011/059717 :10/06/2011 :WO 2011/154532 :NA :NA	(71)Name of Applicant: 1)WOBBEN PROPERTIES GMBH Address of Applicant: Dreekamp 5 26605 Aurich Germany (72)Name of Inventor: 1)ADLOFF Stephan
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(57) Abstract:

The present invention relates to a method for feeding an unbalanced, three-phase current into a three-phase AC voltage system, comprising the steps of: producing a positive phase-sequence system for the current to be fed in, producing a negative phase-sequence system for the current to be fed in, superimposing the positive phase-sequence system and the negative phase-sequence system to form the current to be fed in and feeding the current composed in this manner into the three-phase AC voltage system.

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

(22) Date of filing of Application :20/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: PIPERIDINYL PYRIMIDINE AMIDES AS KV7 POTASSIUM CHANNEL OPENERS

(51) International classification :C07D401/04,A61K31/506,A61P25/08

(31) Priority Document No :61/362505 (32) Priority Date :08/07/2010 (33) Name of priority :U.S.A.

country

(86) International Application No :PCT/IB2011/052686

Filing Date :20/06/2011

(87) International Publication No :WO 2012/004698

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

(71)Name of Applicant:

1)PFIZER INC.

Address of Applicant :235 East 42nd Street New York New

York 10017 U.S.A.

(72)Name of Inventor:
1)CLAFFEY Michelle Marie

2)DAVOREN Jennifer Elizabeth

3)LOWE John Adams III

4)MATHER Robert Joseph

(57) Abstract:

The present invention relates to compounds of Formula (I) as described herein or a pharmaceutically acceptable salt thereof pharmaceutical composition comprising a compound of Formula (I) or a pharmaceutically acceptable salt thereof and methods of treating or manufacture of a medicament to treat a disease disorder or condition of the central nervous system including bipolar disorder depressive disorders anxiety disorders cognitive disorders pain disorders urogentital disorder and epilepsy among the other diseases disorders or conditions discussed herein as mono therapy or in combination with another active pharmaceutical ingredient.

No. of Pages: 32 No. of Claims: 9

(21) Application No.11072/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: ELECTRONIC THROTTLE CONTROL

(51) International :F02D11/10,B60W30/18,B60W10/10 classification

(31) Priority Document No :61/396817 (32) Priority Date :03/06/2010 (33) Name of priority

:U.S.A. country

(86) International

:PCT/US2011/039165 Application No :03/06/2011

Filing Date

(87) International :WO 2011/153494 Publication No

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

(71)Name of Applicant:

1)POLARIS INDUSTRIES INC.

Address of Applicant :2100 Highway 55 Medina MN 55340

U.S.A.

(72)Name of Inventor:

1)GRAJKOWSKI Karl J. 2)GILLINGHAM Brian 3)SANDSTROM Scott P. 4)CARLSON Ryan 5)MALONE Amber P. 6)NELSON Stephen L.

7)KOENIG Dave J. 8)NAULT Eric P.

9) ERICKSON Steven C.

(57) Abstract:

An electronic throttle control (ETC) system is disclosed for use on a recreational or a utility vehicle. The ETC system includes a drive mode selection device for selecting between a plurality of drive modes. The ETC system provides an adjustable engine idle speed and an engine power limiting feature.

No. of Pages: 70 No. of Claims: 88

(22) Date of filing of Application :20/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: CONTROL METHOD FOR A WIND TURBINE

(51) International classification	:F03D7/04,F03D7/02	(71)Name of Applicant:
(31) Priority Document No	:PA 2010 70273	1)VESTAS WIND SYSTEMS A/S
(32) Priority Date	:18/06/2010	Address of Applicant :Hedeager 44 DK 8200 Aarhus N
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2011/050211	(72)Name of Inventor:
Filing Date	:13/06/2011	1)DALSGAARD S¸ren
(87) International Publication No	:WO 2011/157272	2)RISAGER Lars
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method of controlling a wind turbine having a rotor with pitchable wind turbine blades and a generator for producing power where a pitch reference value for the wind turbine blades is determined and an operational parameter representing a loading on the wind turbine rotor exerted by the wind is measured at time intervals. A variation parameter reflecting a variation of the operational parameter over time is determined and used in the determination of a minimum pitch limit value of the pitch reference value. The wind turbine is then controlled according to the pitch reference value only if the pitch reference value is above or equal to the minimum pitch limit value and otherwise according to the minimum pitch limit value. The invention further relates to a method of controlling the change in the operational parameter as measured in two successive time steps is determined and the turbine then being controlled according to a safety control strategy if the difference between the operational parameter change and the variation parameter is above a certain alert threshold. The invention further relates to a control system configured to perform the above control method and a wind turbine comprising such system.

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

(19) INDIA

(22) Date of filing of Application :28/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: NOVEL TETRAHYDROQUINOLINE DERIVATIVES

(51) International :C07D215/48,C07D401/06,C07D405/12 classification

:02/07/2010

:29/06/2011

:PCT/EP2011/060864

:WO 2012/001020

:China

(31) Priority Document

:PCT/CN2010/074931

(32) Priority Date

(33) Name of priority country

(86) International

Application No Filing Date

(87) International Publication No

(61) Patent of Addition to :NA

Application Number

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

(71)Name of Applicant:

1)F. HOFFMANN LA ROCHE AG

(21) Application No.11308/DELNP/2012 A

Address of Applicant: Grenzacherstrasse 124 CH 4070 Basel

Switzerland

(72)Name of Inventor:

1)CHEN Li 2)FENG Lichun 3)HE Yun

4)HUANG Mengwei

5)LIU Yongfu 6)YUN Hongying 7)ZHOU Mingwei

(57) Abstract:

A compound of formula (I) or a pharmaceutically acceptable salt or ester thereof wherein A to A and R to R have the significance given in claim 1 can be used as AMPK activators.

No. of Pages: 92 No. of Claims: 26

(21) Application No.11310/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention: DEVICE AND METHODS FOR TREATING A LOWER LIMB JOINT PATHOLOGY AND LOWER LIMB PAIN

(51) International :C12N9/88,C12N15/60,C12N15/63

classification

(31) Priority Document No :61/359643 (32) Priority Date :29/06/2010 (33) Name of priority country: U.S.A.

(86) International Application

:PCT/IL2011/000487 No

:19/06/2011 Filing Date

(87) International Publication

:WO 2012/001678 (61) Patent of Addition to

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

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

(71)Name of Applicant:

1)APOS MEDICAL AND SPORTS TECHNOLOGIES

Address of Applicant: 1 Abba Eban St. PO Box 12216 46733

Herzlia Israel

(72)Name of Inventor:

1)ELBAZ Avi 2)MOR Amit

(57) Abstract:

A method of treating a patient suffering from pain in the lower limb or a lower limb musculoskeletal disease is provided. The method includes placement of at least two calibrated differential disturbances or protuberances under the patient's feet.

No. of Pages: 115 No. of Claims: 30

(22) Date of filing of Application :28/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD FOR APPLYING PROTECTIVE COVERING TO PIPES AND TUBES

(51) International classification :B23K11/08,B23K13/04 (71)Name of Applicant : (31) Priority Document No 1)ALSTOM TECHNOLOGY LTD :61/352448 (32) Priority Date Address of Applicant :Brown Boveri Strasse 7 CH 5400 :08/06/2010 (33) Name of priority country Baden Switzerland :U.S.A. (86) International Application No :PCT/US2011/038724 (72)Name of Inventor: 1)KONOPACKI Ronald F. Filing Date :01/06/2011 (87) International Publication No :WO 2011/156188 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The manufacture of clad tubes (30) is described. Tube (10) intended to line the walls of a combustion chamber is made of a high strength material to contain the high pressure steam created. However these tubes (10) are typically not corrosion/erosion resistant. Manufacture of tubes (10) with both high strength and high resistance to corrosion/erosion would be prohibitively expensive. Therefore tubes (10) are covered with a non corrosive material to protect them. This is done by surface welding a strip (20) of high alloy material to the outer surface (12) of the tubes (10). It is preferable to use electric high frequency resistance welding to surface weld the strip (20) onto tube (10). The strips (20) are preferably attached with little melting and metal dilution allowing the strip 20 to keep its corrosion/erosion resistance properties.

No. of Pages: 13 No. of Claims: 14

(21) Application No.11291/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: TRICHLOROSILANE VAPORIZATION SYSTEM

(51) International classification :C01B33/03,F28D1/04,F28F1/40 (71)Name of Applicant:

(31) Priority Document No :12/796360 (32) Priority Date :08/06/2010 (33) Name of priority country :U.S.A.

(86) International Application :PCT/IB2011/052430

No :02/06/2011 Filing Date

(87) International Publication No: WO 2011/154879

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

(62) Divisional to Application :NA Number :NA

Filing Date

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Address of Applicant :501 Pearl Drive St. Peters Missouri

63376 U.S.A.

(72)Name of Inventor:

1)HARI Abarajith

2)GU Zhihui

3)BHUSARAPU Satish 4)TRUONG Timothy Dinh

5)GUPTA Puneet

(57) Abstract:

A heat exchanger for vaporizing a liquid and a method of using the same are disclosed herein. The heat exchanger includes a housing a tube a heater and a plurality of non reactive members. The tube is disposed in the interior of the housing and has an inlet and an outlet. The heater is configured to heat the tube. The plurality of non reactive members are disposed in an interior cavity of the tube in an arrangement such that a plurality of voids are defined between the members and the tube. The arrangement also permits liquid to pass through the voids and travel from the inlet of the tube to the outlet of tube. The plurality of non reactive members and the tube transfer heat to the liquid as the liquid passes through the plurality of voids in order to vaporize the liquid.

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

(21) Application No.11292/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/12/2012 (43)

(43) Publication Date : 17/10/2014

(54) Title of the invention: MICROENCAPSULATED OILS FOR CONTROLLING PESTICIDE SPRAY DRIFT

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:A01N25/04,A01N25/28,A01N37/40 :61/352505 :08/06/2010 :U.S.A. :PCT/US2011/039376 :07/06/2011 :WO 2011/156320 :NA :NA	(71)Name of Applicant: 1)DOW AGROSCIENCES LLC Address of Applicant:9330 Zionsville Road Indianapolis IN 46268 U.S.A. (72)Name of Inventor: 1)WILSON Stephen 2)DOWNER Brandon 3)QIN Kuide 4)LIU Lei 5)TANK Holger 6)LI Mei 7)OUSE David 8)ZHANG Hong
Application Number Filing Date	:NA	

(57) Abstract:

Spray drift during the application of agricultural chemicals is reduced by incorporating microencapsulated oils into the aqueous solution or mixture to be sprayed.

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

(22) Date of filing of Application :27/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention : DEVICE FOR RECEIVING A PULSER MOTOR OF A VENTILATION INSTALLATION OF A VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:14/06/2011 :WO 2011/160983 :NA :NA :NA	(71)Name of Applicant: 1)VALEO SYSTEMES THERMIQUES Address of Applicant: 8 rue Louis Lormand La Verri"re BP 513 F 7832O Le Mesnil Saint Denis France (72)Name of Inventor: 1)TRUILLET Franck 2)DROULEZ Eric 3)COZIC Ronan
Filing Date	:NA	

(57) Abstract:

The invention relates to a device for receiving an electric motor (1) which extends along a longitudinal axis (2) and can be housed inside a motor support of a ventilation installation for a vehicle said receiving device being connected to said motor support by a decoupling means and comprising a collar (18) on which a first blocking means (30) is formed and a ring (13) comprising a second blocking means (22) characterised in that the collar (18) and the ring (13) are separate and connected to each other by at least one fixing means (23).

No. of Pages: 35 No. of Claims: 21

(21) Application No.11294/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/12/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention: METHOD FOR DYNAMICALLY ABSORBING SHOCKS IN A POWER SHAFT IN PARTICULAR A SUPERCRITICAL SHAFT AND SHOCK ABSORBING ARCHITECTURE FOR IMPLEMENTING SAID METHOD

:F16C27/04,F16F15/023 (71)Name of Applicant : (51) International classification (31) Priority Document No :1055272 (32) Priority Date :01/07/2010 (33) Name of priority country :France (86) International Application No :PCT/FR2011/051517 Filing Date :29/06/2011 (87) International Publication No :WO 2012/001304

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

1)TURBOMECA

Address of Applicant :BP 2 F 64510 Bordes France

(72)Name of Inventor: 1)CAZAUX David 2)VOTIE Sylvain Pierre

(57) Abstract:

The invention relates to an architecture making it possible to provide the sufficient absorption of shocks for a power shaft while maintaining rigidity at the front bearings so as to not compromise the meshing of the power teeth of a drive pinion. For this purpose compressible dynamic shock absorption is provided in alignment with the downstream shock absorber of the additional meshing. An assembly for dynamically absorbing shocks for a power shaft according to the invention comprises upstream (12) and downstream (14) bearings having power rollers (12r 14r) mounted on two casings (32 34) and flanking a speed reducing teeth meshing (15). The downstream bearing (14) is coupled to at least one additional roller bearing (20 20r) associated with a compressible shock absorber (26) so as to form a downstream shock absorber (20 26) that is axially offset relative to the upstream bearing (12) opposite the teeth meshing (15). Both downstream bearings (12 14) are connectable by a flexible frame (24) mounted on the common casing (34). The invention can be used for power transmission shafts in particular supercritical shafts in turbine engines.

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

(22) Date of filing of Application: 27/12/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention : BROADCAST SUPPLEMENTAL DATA TRANSMISSION DEVICE AND BROADCAST SUPPLEMENTAL DATA TRANSMISSION METHOD AND BROADCAST SYSTEM

(51) International :H04N7/173,H04H20/16,H04H20/24

(31) Priority Document No :2010124632

(32) Priority Date :31/05/2010

(33) Name of priority country :Japan

(86) International

Application No :PCT/JP2011/061686

Filing Date :20/05/2011

(87) International Publication No :WO 2011/152231

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

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

(71)Name of Applicant: 1)NTT DOCOMO INC.

Address of Applicant :11 1 Nagatacho 2 chome Chiyoda ku

Tokyo 1006150 Japan

2)Mitsubishi Electric Corporation

(72)Name of Inventor:
1)MATSUOKA Hosei
2)YAMADA Akira
3)OHYA Tomoyuki
4)NAKAZAWA Norihiko

5)BABA Masayuki

(57) Abstract:

Disclosed are a disclosed broadcast supplemental data transmission device, a broadcast supplemental data transmission method, and a broadcasting system which make it possible to maximally reduce communication network traffic when supplementing data missing from broadcasted content data. When a GET HTTP/ 1. 1 I f Unmodified Since (time information) is received fixim the receiving device, which is a real research missing data including time information, an HTTP response unit determines on the basis of the time information included in said resend request whether or not the content including the missing data has been resent. Then, if the HTTP response unit determines that there the c content has been resent, a 4 12Precondition Failed, one of the error mes sages, is sent as a response to the receiving device, and the content is not transmitted over the communication network.

No. of Pages: 33 No. of Claims: 9

(21) Application No.11272/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/12/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention: ANTHRANILIC ACID DERIVATIVES

(51) International

:C07D401/06,C07D403/06,C07D413/06

classification

(31) Priority Document

:10166062.9

(32) Priority Date :15/06/2010

(33) Name of priority country

:EPO

(86) International

:PCT/EP2011/059696

Application No Filing Date

:10/06/2011

(87) International

:WO 2011/157653

Publication No (61) Patent of Addition to :NA

:NA

Application Number Filing Date

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

Filing Date

(71)Name of Applicant:

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(72)Name of Inventor:

1)FISCHER R1/4diger

2)GRONDAL Christoph

3)HEIL Markus

4)WROBLOWSKY Heinz Juergen

5) GESING Ernst Rudolf

6)VOERSTE Arnd

7)G-RGENS Ulrich

(57) Abstract:

The present invention relates to novel anthranilic acid derivatives of the general formula (I) R \ .R3 N R A Qy A (I) in which R1, R2, R3, R4, R5, Qx, A, Qy and n have the meanings given in the description, to their use as insecticides and acaricides for controlling animal pests, also in combination with other agents for activity boosting, and to a plurality of processes for their preparation. - x X

No. of Pages: 96 No. of Claims: 12

(43) Publication Date: 17/10/2014

(19) INDIA

(22) Date of filing of Application :27/12/2012

(54) Title of the invention: CLEANING SYSTEM

(51) International classification :B08B6/00 (31) Priority Document No :2010138030 (32) Priority Date :17/06/2010 (33) Name of priority country :Japan

(86) International Application No

Filing Date :15/06/2011 (87) International Publication No :WO 2011/158504

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

(71)Name of Applicant:

1)BANDO KAGAKU KABUSHIKI KAISHA

(21) Application No.11273/DELNP/2012 A

Address of Applicant :6 6 Minatoiimaminami machi 4 chome Chuo ku Kobe shi Hyogo 6500047 Japan

:PCT/JP2011/003413 (72)Name of Inventor : 1)OHTA Masashi 2)TSUTSUMI Mikio 3)MURAKAWA Yuka

(57) Abstract:

Provided is a system in which the adsorption of foreign matter by a cleaning roller can be continued for a prolonged period of time without performing maintenance operations on the cleaning roller. The dis closed cleaning roller (11) moves relatively with respect t o an object t o b e cleaned (S) while rotating and contacting the surface o f the object t o b e cleaned (S), and removes foreign matter, such as dust and dirt, adhering t o the surface of the object t o b e cleaned (S) b y utilizing electrostatic force. A transferring roller (21) rotates while contacting the surface of the cleaning roller (11). The cleaning roller (11) is grounded via a voltage stabilizing circuit (12), and can have the roller surface charged stably with an electric i charge for carrying out adsorption with said electrostatic force. The trans ferring roller (21) can have the surface thereof charged with an electric charge for adsorbing foreign matter adhering t o the surface of the cleaning roller (11) by utilizing electrostatic force, and the transferring roller is connected to an external power source (1) such that the electrification voltage for the adsorption of said foreign matter with said electrostatic force is kept constant.

No. of Pages: 59 No. of Claims: 18

(21) Application No.11274/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/12/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention: COMPOSITIONS AND METHODS OF USING LIVING AND NON LIVING BIOACTIVE DEVICES WITH COMPONENTS DERIVED FROM SELF RENEWING COLONY FORMING CELLS CULTURED AND EXPANDED IN **VITRO**

(51) International classification :A01N1/00,C12N5/07,C12N5/16 (71)Name of Applicant:

(31) Priority Document No :61/349661 (32) Priority Date :28/05/2010 (33) Name of priority country :U.S.A.

(86) International Application

No

:PCT/US2011/038445 :27/05/2011 Filing Date

(87) International Publication No: WO 2011/150398

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

(62) Divisional to Application :NA Number

:NA Filing Date

1)GARNET BIOTHERAPEUTICS INC

Address of Applicant: 1 Great Valley Parkway Suite 12

Malvern PA 19355 U.S.A. (72)Name of Inventor:

1)KOPEN Gene 2)RAGAGLIA Vanessa

3)BRAYFIELD Candace

(57) Abstract:

The invention relates to methods and uses of cells for the prevention and treatment of a wide variety of diseases and disorders and the repair and regeneration of tissues and organs using low passage and extensively passaged in vitro cultured, self-renewing, colony forming somatic cells (CF-SC). For example, adult bone marrow-derived somatic cells (ABM-SC), or compositions produced by such cells, are useful alone or in combination with other components for treating, for example, cardiovascu lar, neurological, integumentary, dermatological, periodontal, and immune mediated diseases, disorders, pathologies, and injuries.

No. of Pages: 225 No. of Claims: 20

(22) Date of filing of Application :27/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: HYDROPHILIC GELS DERIVED FROM GRAFTED PHOTOINITIATORS

(51) International classification :C08F2/50,C08F2/48,C08F12/14 (71)Name of Applicant : :PA 2010 70282 (31) Priority Document No

(32) Priority Date :22/06/2010 :Denmark

(33) Name of priority country (86) International Application No:PCT/DK2011/050228

Filing Date :22/06/2011 (87) International Publication No: WO 2011/160640

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

:NA Number :NA Filing Date

1)COLOPLAST A/S

Address of Applicant :Holtedam 1 DK 3050 Humlebaek

Denmark

(72)Name of Inventor: 1)NIELSEN Christian B. 2)MADSEN Niels Joergen

3)HOEJ Carsten

(57) Abstract:

The invention provides a method for the manufacture of a gel said method comprising the steps of: providing a matrix composition comprising a polymeric photoinitiator of the general formula (I): Polymer [CR CHR Spacer(PI)] (I) curing the matrix composition by exposing it to UV radiation and exposing the matrix composition to a swelling medium. The invention also relates to gels obtainable via the above method. The invention provides a hydrophilic gel precursor manufactured from the polymeric photoinitiator of Formula (I). Medical devices comprising the gels and hydrophilic gel precursors of the invention are provided. The invention also provides the use of a polymeric photoinitiator in the manufacture of a gel.

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

(22) Date of filing of Application :20/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: MEASURING TRANSDUCER HAVING TWO TRANSMISSION CHANNELS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10 2010 017 465.3 :18/06/2010 :Germany	(71)Name of Applicant: 1)PHOENIX CONTACT GMBH & CO. KG Address of Applicant: Flachsmarktstrasse 8 32825 Blomberg Germany (72)Name of Inventor: 1)MEIER Heinz W. Meier 2)ZINK Fabian
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(57) Abstract:

The invention proposes a measuring transducer having a first transmission channel (100) which conditions an analogue measurement input signal (I) in an analogue manner and makes it available as a conditioned measurement signal. In addition the measuring transducer has a second transmission channel (200) which conditions the analogue measurement input signal (I) and makes it available as an influencing signal wherein the conditioned measurement signal and the influencing signal are combined and made available as a measurement output signal (O). In a further embodiment of the invention a measuring system has a temperature sensor and a measuring transducer according to the invention.

No. of Pages: 16 No. of Claims: 12

(21) Application No.11300/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 27/12/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention: PAPER ROLL DISPENSER COMPRISING A BASE AND AT LEAST ONE FIRST DOOR AND ONE SECOND DOOR MOUNTED ON THE BASE OF THE DISPENSER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A47K10/38 :10305621.4 :10/06/2010 :EPO :PCT/FR2011/000338 :09/06/2011 :WO 2011/154625 :NA :NA :NA	(71)Name of Applicant: 1)GEORGIA PACIFIC FRANCE Address of Applicant:60 avenue de lEurope F 92270 Bois Colombes France (72)Name of Inventor: 1)DENIS Yoann 2)POMMIER Nicolas 3)MARIETTA TONDIN Julien 4)JEHL Jean Louis
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(57) Abstract:

The invention relates to a paper dispenser (10) in particular an absorbent paper including a housing (60) in which at least two rolls (4 4) of a web of paper are housed the housing (60) comprising: a base (5) having at least one first and one second recess (51 51) for receiving the at least first and second rolls (4 4) respectively and at least one first door and one second door (1 1) mounted on the base (5) which in the closed position are arranged so as to protect the first and second rolls (4 4) respectively and in the open position to access the first and second recesses (51 51) respectively so as to reload the rolls individually the first and second doors (1 1) comprising first and second nozzles (3 3) for dispensing the webs of the first and second rolls (4 4).

No. of Pages: 27 No. of Claims: 13

(22) Date of filing of Application :27/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: MULTILAYER FILM AND BAG FORMED FROM MULTILAYER FILM

(51) International classification :B32B27/32,A61J1/10,B32B25/08 (71)Name of Applicant:

:31/05/2011

(31) Priority Document No :2010125284 (32) Priority Date :31/05/2010

(33) Name of priority country :Japan

(86) International Application :PCT/JP2011/062465

Filing Date

(87) International Publication :WO 2011/152387

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

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

1)OTSUKA PHARMACEUTICAL FACTORY INC.

Address of Applicant: 115 Aza Kuguhara Tateiwa Muva cho

Naruto shi Tokushima 7728601 Japan

(72)Name of Inventor: 1)IGARASHI Koichi 2)SAITO Tetsuva 3)NAGATA Yasushi 4)KAJIWARA Yasuyuki

(57) Abstract:

Disclosed is a multilayer iilm comprising an upper layer one or more miaale layers (), and a lower layer (C), laminated in that order. The multilayer film is characterized in that: the middle layer (B) comprises the composition (bl) men tioned below, or a composition (b2); the upper layer (A) and the lower layer (C) each independently contain an ethylene polymer and/or a propylene polymer. Composition (bl) is a composition comprising: a propylene polymer (i) having a melting point of 140 t o 165 °C according to differential scanning calorimetry, and a melt flow rate (MFR; ASTM D 1238, 230 °C, 2.16 kg load) of 0.1 to 20 g/10 minutes; a random copolymer of propylene and -olefin (rl) having a molecular weight distribution of 1.0 to 3.5, as measured by gel permeation chromatography (GPC), and a melting point of 90 to 125°, as measured by differential scanning calorimetry; and 30 wt% to 60 wt% ethylene-based elastomer (however, the sum of the blending quantities of the propylene poly mer (i), the random copolymer of propylene and -olefin (rl), and the ethylene-based elastomer is 100 wt%). (If the middle layer (B) is the composition (bl), the ratio of the blending quantity of the propylene polymer (i) in the whole multilayer film to the sum of the blending quantities of the propylene polymer (i) and the random copolymer of propylene and -olefin (rl) in the whole multilayer film is 0.1 to 0.35.)

No. of Pages: 75 No. of Claims: 9

(22) Date of filing of Application :27/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD AND ARCHITECTURE FOR RECOMBINING THE POWER OF A TURBOMACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F02C6/02 :1055460 :06/07/2010 :France :PCT/FR2011/051585 :05/07/2011 :WO 2012/004516 :NA :NA	(71)Name of Applicant: 1)TURBOMECA Address of Applicant: BP 2 F 64510 Bordes France (72)Name of Inventor: 1)BEDRINE Olivier 2)MARCONI Patrick 3)PUERTO Alphonse
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention aims to get around the problems of size, mass or reliability. To do this, energy is recovered in the o exhaust nozzle, converted and recirculated using mechanical and/or electrical power recombining means. An example of an carchitecture of a turbomachine according to the invention includes a main turbine engine (1) and a heat exchanger (18) positioned in the exhaust nozzle (70) and coupled, via pipes (18a and 18b), to an independent System (16) that converts thermal energy into mechanical energy. This independent System (16) is connected to localized (Zl) mechanical recombination means (20) via a power shaft (15) to supply power to a power transmission shaft (80) according to aircraft requirements.

No. of Pages: 35 No. of Claims: 13

(21) Application No.11318/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: PROCESS FOR PREPARING POLYOLEFINS

:29/07/2011

(51) International classification :C08F10/00,C08F2/02,B01J19/18 (71)Name of Applicant: (31) Priority Document No :10171372.5 (32) Priority Date :30/07/2010

(33) Name of priority country :EPO

(86) International Application :PCT/EP2011/063132 No

Filing Date

(87) International Publication :WO 2012/013794

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

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

1)TOTAL RESEARCH & TECHNOLOGY FELUY Address of Applicant :Zone Industrielle C B 7181 Seneffe

Belgium

(72)Name of Inventor: 1)SIRAUX Daniel

2)VANTOMME Aurlien

3)DAMME Eric

4)DEWACHTER Daan

(57) Abstract:

The present invention relates to a process of preparing a polyolefin in a loop reactor by introducing anti fouling agent through a sleeve provided around at least part of the shaft of the pump. Also the invention relates to the use of anti fouling agent to prevent or reduce fouling by feeding the anti fouling agent against the impeller of the pump upon introduction to the loop reactor.

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

(22) Date of filing of Application :28/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: USE OF A CATALYST SLURRY PREPARATION SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:29/07/2011 :WO 2012/013797 :NA	(71)Name of Applicant: 1)TOTAL RESEARCH & TECHNOLOGY FELUY Address of Applicant: Zone Industrielle C B 7181 Seneffe Belgium (72)Name of Inventor: 1)BRUSSELLE Alain 2)FOUARGE Louis
(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 the use of a catalyst preparation system for the preparation of a diluted catalyst slurry. In particular the invention relates to a catalyst preparation system comprising a mixing vessel for mixing a particulate catalyst and a liquid hydrocarbon diluent. According to the invention diluted catalyst slurry is prepared in a mixing vessel comprising a rotatable axial impeller system comprising at least two double bladed hubs. The invention also relates to a process for preparing diluted catalyst slurry for use in the preparation of a particulate polyethylene product in a loop reactor with the catalyst preparation system as described herein.

No. of Pages: 32 No. of Claims: 15

(21) Application No.11320/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention: METHOD FOR PRODUCING POLYETHYLENE

(51) International classification :C08F10/00,C08F2/02,B01J19/18 (71)Name of Applicant: (31) Priority Document No :10171360.0

(32) Priority Date :30/07/2010 (33) Name of priority country :EPO

(86) International Application :PCT/EP2011/063151

:29/07/2011 Filing Date

(87) International Publication :WO 2012/013807

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

Number Filing Date

(62) Divisional to Application :NA :NA

1)TOTAL RESEARCH & TECHNOLOGY FELUY Address of Applicant : Zone Industrielle C B 7181 Seneffe

Belgium

(72)Name of Inventor: 1)STEVENS Peter 2)FANT Franky

3)DEWACHTER Daan 4)BRUSSELLE Alain

(57) Abstract:

The present invention relates to a method for consecutively producing at least two different polyethylene resins in one slurry loop reactor comprising producing a first polyethylene resin in the presence of a Ziegler Natta and/or a Chromium catalyst and consecutively producing a second polyethylene resin in the presence of a metallocene catalyst characterized in that the ratio of the melt flow index of the first produced polyethylene resin to the melt flow index of the second produced polyethylene resin is at least 0.3.

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

(21) Application No.11321/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: PROCESS FOR PREPARING POLYOLEFINS AND USE OF ANTIFOULING AGENTS THEREIN

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application	:C08F10/00,C08F2/02,B01J19/18 :10171363.4 :30/07/2010 :EPO :PCT/EP2011/063147 :29/07/2011 :WO 2012/013805 :NA :NA	(71)Name of Applicant: 1)TOTAL RESEARCH & TECHNOLOGY FELUY Address of Applicant: Zone Industrielle C B 7181 Seneffe Belgium (72)Name of Inventor: 1)SIRAUX Daniel 2)DEWACHTER Daan
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a process of preparing a polyethylene in a loop reactor in the presence of antifouling agent comprising the steps of: a) feeding into said loop reactor diluent monomers optionally hydrogen and optionally one or more co monomers to produce a liquid phase; b) introducing antifouling agent into said loop reactor c) introducing a catalyst into the liquid phase to produce a slurry; and d) polymerizing the monomers and optional co monomers to form the polyethylene characterized in that the time difference between introduction of the antifouling agent and introduction of the catalyst is at most 3 hours.

No. of Pages: 21 No. of Claims: 6

(22) Date of filing of Application :28/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: PROCESS FOR SUPPLYING CATALYST TO A POLYMERIZATION REACTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:29/07/2011 :WO 2012/013800 :NA :NA	(71)Name of Applicant: 1)TOTAL RESEARCH & TECHNOLOGY FELUY Address of Applicant: Zone Industrielle C B 7181 Seneffe Belgium (72)Name of Inventor: 1)DEWACHTER Daan 2)BRUSSELLE Alain
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a method for feeding metallocene catalyst slurry to an olefin polymerization loop reactor (1) using a positive displacement device (5) comprising a first chamber (5 6) and a second chamber (5 3) each chamber having an outlet and each chamber comprising a ball arranged between the walls of said chamber wherein said chambers are connected to each other by a pump chamber (5 2) operably connected to a pump wherein the difference between the diameter of said ball and the diameter of said chamber is comprised between 5 to 200 times the average particle size (d50) of said catalyst.

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

(22) Date of filing of Application :31/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: PROCESS FOR OLEFIN POLYMERISATION USING GROUP 4 METALLOCENE AS CATALYSTS

(51) International classification: C07F17/00,C08F4/64,C08F10/06 (71) Name of Applicant: :10168152.6 (31) Priority Document No 1)BOREALIS AG (32) Priority Date :01/07/2010 Address of Applicant :IZD Tower Wagramerstrasse 17 19 A (33) Name of priority country 1220 Vienna Austria :EPO (86) International Application (72)Name of Inventor: :PCT/EP2011/060920 1)CASTRO Pascal :29/06/2011 Filing Date 2)RESCONI Luigi (87) International Publication 3)HUHTANEN Lauri :WO 2012/001051 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A process for the preparation of a random propylene copolymer comprising polymerising propylene and at least one C2 10 alpha olefin (especially ethylene) in the presence of a catalyst; wherein said catalyst comprises: (i) a complex of formula (I): wherein M is zirconium or hafnium; each X is a sigma ligand; L is a divalent bridge selected from R C R C CR R Si R Si SiR R Ge wherein each R is independently a hydrogen atom C1 C20 hydrocarbyl tri(C1 C20 alkyl)silyl C6 C20 aryl C7 C20 arylalkyl or C7 C20 alkylaryl; each R is a C4 C20 hydrocarbyl radical branched at the atom to the cyclopentadienyl ring optionally containing one or more heteroatoms belonging to groups 14 16 or is a C3 C20 hydrocarbyl radical branched at the atom to the cyclopentadienyl ring where the atom is an Si atom; n is 0 3; each R is the same or different and may be a C1 C20 hydrocarbyl radical optionally containing one or more heteroatoms belonging to groups 14 16; each R is a hydrogen atom or a C1 6 hydrocarbyl radical; each W is a 5 or 6 membered aryl or heteroaryl ring wherein each atom of said ring is optionally substituted with an R group; each R is the same or different and is a C1 C20 hydrocarbyl radical optionally containing one or more heteroatoms belonging to groups 14 16; and optionally two adjacent R groups taken together can form a further mono or multicyclic ring condensed to W optionally substituted by one or two groups R; and (ii) a cocatalyst comprising an organometallic compound of a Group 13 metal.

No. of Pages: 65 No. of Claims: 15

(22) Date of filing of Application :31/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: CATALYST SUPPORTS CATALYSTS AND THEIR MANUFACTURE AND USE

(51) International classification: B01J21/08,B01J23/26,B01J35/10 (71) Name of Applicant: (31) Priority Document No 1)PQ CORPORATION :61/358125 (32) Priority Date :24/06/2010 Address of Applicant :300 Lindenwood Drive Valleybrooke (33) Name of priority country Corporate Center Malvern PA 19355 1740 U.S.A. :U.S.A. (86) International Application 2)INSTONE Terry :PCT/GB2011/000943 (72)Name of Inventor: :23/06/2011 Filing Date 1)SHAH Parag Rasiklal (87) International Publication 2)HU Yatao Rachel :WO 2011/161412 3)LEE Myoung Kie (61) Patent of Addition to :NA **Application Number** :NA Filing Date

(57) Abstract:

Filing Date

Number

(62) Divisional to Application

:NA

:NA

A process for preparation of silica xerogel catalyst support particles having high surface areas involves ageing a silica hydrogel at a pH from 3 to 5 and at a temperature of 45°C or more. The ageing at low pH leads to a silica gel which may be converted to a xerogel having a pore volume of 1.5 cm/g or more and a surface area of 600 m/g or more by removal of liquid from the pore structure by solvent exchange with a liquid solvent having a surface tension of 35 mN/m or less. The resulting particles are useful for carrying catalyst metal compounds such as a chromium compounds in the pore structure to act as catalyst precursors. These catalyst precursors may be activated into porous catalyst particles suitable for use for olefin polymerisation to provide high activity and for forming high molecular weight polymers (low MI polymers) with good crack resistance.

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

(22) Date of filing of Application :31/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: SEMICONDUCTORS BASED ON SUBSTITUTED [1]BENZOTHIENO[3 2 B] [1]

BENZOTHIOPHENES

:C07D495/04,H01L51/00 (71)Name of Applicant : (51) International classification

(31) Priority Document No :102010031897.3 (32) Priority Date :21/07/2010

(33) Name of priority country :Denmark

(86) International Application No :PCT/EP2011/003605

Filing Date :19/07/2011

(87) International Publication No :WO 2012/010292

(61) Patent of Addition to Application :NA Number

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

1)HERAEUS PRECIOUS METALS GMBH & CO. KG.

Address of Applicant : Heraeusstrasse 12 14 63450 Hanau

Germany

(72)Name of Inventor:

1)MEYER FRIEDRICHSEN Timo

2)REUTER Knud 3)ELSCHNER Andreas 4)HALIK Marcus

(57) Abstract:

The present invention relates to compounds of the general formula (I) wherein Z corresponds to a C C alkyl radical substituted by halogen phosphonic acid or phosphonic acid ester groups P(O)(OR) (wherein the radicals R can be identical or different and correspond to a hydrogen atom or C C alkyl) sulphonic acid groups SOH halosilyl radicals SiHalR (R = C C alkyl n = an integer from 1 to 3) thiol groups or trialkoxysilyl radicals Si(OR) (R = C C alkyl) a C C cycloalkyl radical substituted by halogen phosphonic acid or phosphonic acid ester groups P(O)(OR) (wherein the radicals R can be identical or different and correspond to a hydrogen atom or C C alkyl) sulphonic acid groups SOH halosilyl radicals SiHalR (R = C C alkyl n = an integer from 1 to 3) thiol groups or trialkoxysilyl radicals Si(OR) (R = C C alkyl) a C C aryl radical or heteroaryl radical from the group of the thienyl pyrryl furyl or pyridyl radicals substituted by halogen phosphonic acid or phosphonic acid ester groups P(O)(OR) (wherein the radicals R can be identical or different and correspond to a hydrogen atom or C C alkyl) sulphonic acid groups S0H halosilyl radicals SiHalR (R = C C alkyl n = an integer from 1 to 3) thiol groups or trialkoxysilyl radicals Si(OR) (R = C C alkyl) or a C C aralkyl radical optionally substituted by halogen phosphonic acid or phosphonic acid ester groups P(O)(OR) (wherein the radicals R can be identical or different and correspond to a hydrogen atom or C C alkyl) sulphonic acid groups SOH halosilyl radicals SiHalR (R = C C alkyl n = an integer from 1 to 3) thiol groups or trialkoxysilyl radicals Si(OR) (R = C C alkyl) or a trialkylsilyl radical RRRSi in which R R R independently of each other are identical or different C C alkyl radicals. The present invention also relates to a semiconductor layer an electronic component a process for the production of an electronic component the electronic component obtainable by this process and the use of compounds of the general formula (I).

No. of Pages: 57 No. of Claims: 15

(21) Application No.10442/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/11/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: MITOCHONDRIAL PENETRATING PEPTIDES AS CARRIERS FOR ANTICANCER COMPOUNDS

(51) International (71)Name of Applicant: :C07K7/06,A61K47/48,A61P35/00 1)THE GOVERNING COUNCIL OF THE UNIVERSITY classification (31) Priority Document No :61/349881 OF TORONTO (32) Priority Date :30/05/2010 Address of Applicant: 27 Kings College Circle Toronto (33) Name of priority country: U.S.A. Ontario M5S 1A1 Canada (86) International Application (72)Name of Inventor: :PCT/CA2011/000610 1)KELLEY Shana :27/05/2011 Filing Date 2)PEREIRA Mark (87) International Publication 3)FONSECA Sonali :WO 2011/150494 No (61) Patent of Addition to :NA **Application Number** :NA Filing Date

(57) Abstract:

Filing Date

Number

There is described herein compounds comprising a mitochondrial penetrating peptide (MPP) conjugated to an anticancer compound and their method of use.

No. of Pages: 55 No. of Claims: 32

(62) Divisional to Application

:NA

:NA

(22) Date of filing of Application :31/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: CHANGE OF RATE MATCHING MODES IN PRESENCE OF CHANNEL STATE INFORMATION REFERENCE SIGNAL TRANSMISSION

(21) Application No.11421/DELNP/2012 A

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04W28/22 :12/803376 :24/06/2010 :U.S.A. :PCT/EP2011/059004 :01/06/2011 :WO 2011/160926 :NA :NA	(71)Name of Applicant: 1)NOKIA SIEMENS NETWORKS OY Address of Applicant: Karaportti 3 FI 02610 Espoo Finland (72)Name of Inventor: 1)CHMIEL Mieszko 2)ROMAN Timo
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

(19) INDIA

In one aspect thereof the exemplary embodiments of this invention provide a method that includes prior to confirmation that a network access node has correctly acquired capabilities of a user equipment operating a user equipment with the network access node in accordance with a first rate matching mode and only after confirmation to the user equipment that the network access node has correctly acquired capabilities of the user equipment changing the rate matching mode to a second rate matching mode. In an embodiment the first rate matching mode comprises puncturing a downlink shared channel transmission with a set of resource elements which may be at least one of reference symbols and muted resource elements and the second rate matching mode comprises rate matching the downlink shared channel around those resource elements that are members of the set of resource elements. Also described are apparatus and computer readable storage medium storing program code that operate in accordance with the method.

No. of Pages: 38 No. of Claims: 24

(21) Application No.11423/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: FUEL PART AND PROCESS FOR PRODUCING OF A FUEL PART

(51) International :C08L77/06,C08L77/00,C08L77/02 classification

(31) Priority Document No :10170790.9 (32) Priority Date :26/07/2010

(33) Name of priority country: EPO

(86) International Application :PCT/EP2011/062547

:21/07/2011

Filing Date :WO 2012/013570

(87) International Publication No

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

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

Filing Date

(71)Name of Applicant: 1)DSM IP Assets B.V.

Address of Applicant: Het Overloon 1 NL 6411 TE Heerlen

Netherlands

(72)Name of Inventor: 1)TOMIC Katarina 2)DULLAERT Konraad

3) VEGTE VAN DER Eric WIllem

(57) Abstract:

This invention relates to a fuel part comprising a polymer composition comprising: i. a polyamide A in which the ratio of terminal carboxy group concentration over terminal amino group concentration of the polyamide A is equal to 1 or higher and ii. micro talcum in an amount of 0.001 to 1 weight percent with respect to the total amount of the polymer composition and iii, an impact modifier in an amount of at least 1.0 weight percent with respect to the total amount of the polymer composition. This invention also relates to a process for producing a fuel part.

No. of Pages: 13 No. of Claims: 12

(21) Application No.11424/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: HIGH TEMPERATURE LACTAM NEUTRALISATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D201/16 :10168264.9 :02/07/2010 :EPO :PCT/EP2011/003281 :01/07/2011 :WO 2012/019674 :NA :NA	(71)Name of Applicant: 1)DSM IP Assets B.V. Address of Applicant: Het Overloon 1 NL 6411 TE Heerlen Netherlands (72)Name of Inventor: 1)OEVERING Hendrik 2)GUIT Rudolf Philippus Maria 3)BAUR Henricus Anna Christiaan
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(57) Abstract:

The invention relates to a method for preparing a lactam in a continuous process comprising forming the lactam and ammonium sulphate by contacting a lactam sulphate contained in an acidic liquid with ammonia during which forming of lactam heat of reaction is generated which heat is partially or fully recovered wherein ammonia is brought into contact with the acidic liquid as part of a liquid aqueous ammonia solution and wherein the contacting takes place at a temperature of at least 120 °C and wherein the average residence time at a temperature of at least 120 °C is at most 15 minutes and wherein the ammonium sulphate remains dissolved in a liquid phase during said residence time.

No. of Pages: 23 No. of Claims: 12

(22) Date of filing of Application :31/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: TOPICAL USE OF STEVIOL OR DERIVATIVES IN HAIR CARE

(51) International classification: A61K8/365, A61K8/60, A61Q5/00 (71) Name of Applicant: :10170618.2 (31) Priority Document No 1)DSM IP ASSETS B.V. (32) Priority Date :23/07/2010 Address of Applicant: Het Overloon 1 NL 6411 TE Heerlen (33) Name of priority country :EPO Netherlands (86) International Application (72)Name of Inventor: :PCT/EP2011/062425 1)GORALCZYK Regina :20/07/2011 Filing Date 2)GRAEUB Remo (87) International Publication 3)MAYNE MECHAN Annis Olivia :WO 2012/010624 4)PIUSSI Jenny (61) Patent of Addition to 5)RIEGER Henry :NA **Application Number** 6)MOHAJERI Hasan :NA Filing Date (62) Divisional to Application :NA Number :NA

(57) Abstract:

Filing Date

The present invention relates to the use of steviol and/or isosteviol or a salt ester a diester or an ether thereof as depicted in formula (I) formula (I): R1 wherein R1 is hydrogen (H) or a saturated straight or branched C C alkyl group non substituted or substituted with up to 3 hydroxyl alkoxy amino alkylamino or dialkylamino groups R2 is independently a saturated straight or branched C C alkyl group O C C alkyl group OH group a O C(O) C C alkyl or COO(C C alkyl) group R3 is independently CH O or CH (C C alkyl) wherein the enhancement of the appearance of hair is selected from the group consisting of: restoring hair color and delaying the onset of greyness in hair lessening hair loss restoring hair growth after the onset of baldness has occurred increasing the thickness of hair counteracting age associated hair thinning preventing premature hair loss or delaying the onset or severity of age associated hair loss and thinning maintaining of the natural hair colour increasing hair shininess glossiness or volume.

No. of Pages: 57 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :19/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: RNA MOLECULES AND USES THEREOF

Filing Date :NA	 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:23/06/2011 :WO 2011/161460 :NA :NA :NA	(71)Name of Applicant: 1)MINA THERAPEUTICS LIMITED Address of Applicant: 21 Wilson Street London Greater London EC2M 2TD U.K. (72)Name of Inventor: 1)S†TROM Pl
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(21) Application No.11031/DELNP/2012 A

(57) Abstract:

The invention relates to a method of designing a short RNA molecule to increase the expression of a target gene in a cell through the down regulation of a non coding RNA transcript said method comprising the steps of: a) obtaining the nucleotide sequence of the coding strand of the target gene at least between 200 nucleotides upstream of the gene s transcription start site and 200 nucleotides downstream of the gene s transcription start site; b) determining the reverse complementary RNA sequence to the nucleotide sequence determined in step a); and c) designing a short RNA molecule which is the reverse complement or has at least 80% sequence identity with the reverse complement of a region of the sequence determined in step b); wherein said method does not include a step in which the existence of said non coding RNA transcript is determined; as well as to such short RNA molecules and uses thereof.

No. of Pages: 77 No. of Claims: 18

(21) Application No.11032/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF PATCHES OR DRESSINGS OF AUTOLOGOUS SKIN THROUGH CULTIVATION OF AUTOLOGOUS KERATINOCYTES AND FIBROBLASTS WITH AUTOLOGOUS SERUM FOR THE GENERATION OF SKIN

(51) International classification	:C12N5/071	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SOTO PAREJA Rodrigo Foci ³ n
(32) Priority Date	:NA	Address of Applicant :Transversal 5 N° 87 31 Ap 202 10
(33) Name of priority country	:NA	Bogota COLUMBIA
(86) International Application No	:PCT/IB2010/001215	(72)Name of Inventor:
Filing Date	:21/05/2010	1)ZAMBRANO BURGL Juan Carlos
(87) International Publication No	:WO 2011/144956	2)GAONA SILVA Jennifer Cristina
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(FF) 11		·

(57) Abstract:

The process in general is based on taking a sample of skin and a sample of blood rom the patient and based on these two elements skin is cultured, being placed on a collagen patch to produce a dressing which is subsequently placed on the patient requiring it.

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

(21) Application No.11039/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 19/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: ISOQUINOLINE DERIVATIVE

(51) International classification :C07D217/18,A61K31/472,A61P11/02

(31) Priority Document No :2010142187 (32) Priority Date :23/06/2010

(32) Priority Date :23/06/2010 (33) Name of priority country :Japan

(86) International :PCT/JP2011/064208

Application No
Filing Date

Filing Date

Filing Date

(87) International Publication No :WO 2011/162274

:NA

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

NA
:NA
:NA

(71)Name of Applicant:

1)TAISHO PHARMACEUTICAL CO. LTD.

Address of Applicant :24 1 Takada 3 chome Toshima ku

Tokyo 1708633 Japan (72)Name of Inventor:
1)TAKAYAMA Tetsuo
2)KAWAMURA Madoka
3)WAKASUGI Daisuke
4)NISHIKAWA Rie

5)SEKIGUCHI Yoshinori

(57) Abstract:

Filing Date

The chemical compounds represented by formula (I) and the pharmaceutically acceptable salt thereof have CRTH2 inhibiting activity and are useful compounds for pharmaceutical products.

No. of Pages: 58 No. of Claims: 6

(21) Application No.11430/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: OUTLET ATTACHMENT FOR A DISPENSER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:B05B11/00 :1011143.3 :01/07/2010 :U.K. :PCT/GB2011/001002 :01/07/2011 :WO 2012/001375 :NA :NA	(71)Name of Applicant: 1)RIEKE CORPORATION Address of Applicant: 500 West Seventh Street Auburn IN 46706 U.S.A. (72)Name of Inventor: 1)LAW Brian Robert 2)PRITCHETT David John 3)COX Roy
(87) International Publication No(61) Patent of Addition to Application	:WO 2012/001375 :NA	2)PRITCHETT David John
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Pump dispensers are described which are specially adapted for oral administration of medicines e.g. to children. The pump (1) receives fluid product through a valved inlet from a container (100) preferably of the airless type with a follower piston (9). The dispenser may be a movable nozzle or fixed nozzle dispenser. The discharge outlet of the dispenser has a stub nozzle (6) incorporating a rearwardly acting closure valve (96); a spring (98) urges the closure valve (96) forward to close a discharge opening (63) of the stub nozzle (6). This prevents dispensing of product unless a separate nozzle attachment (8) is coupled to the stub nozzle (6). The nozzle attachment (8) is shaped for oral dosing i.e. for putting in the mouth and has an internal rearwardly projecting actuating structure (86) which when the nozzle attachment (8) is coupled onto the stub nozzle (6) pushes the closure valve (96) open. When the nozzle attachment (8) is removed the spring (98) closes the outlet again. Child resistant features are described for fitting the nozzle attachment to the stub nozzle.

No. of Pages: 28 No. of Claims: 13

(22) Date of filing of Application :31/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: SPIROMETER BREATHING TUBE WITH COMPOUND MEMBRANE

		(71)Name of Applicant:
(51) International classification	:A61B5/091,A61B5/093	1)ROSTRUM MEDICAL INNOVATIONS INC.
(31) Priority Document No	:61/359771	Address of Applicant :3687 E. 1st Avenue Vancouver British
(32) Priority Date	:29/06/2010	Columbia V5M 1C2 Canada
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/CA2011/000774	1)HALWANI Fouad
Filing Date	:29/06/2011	2)AYOUBI Nathan
(87) International Publication No	:WO 2012/000101	3)GANSEMAN Jose
(61) Patent of Addition to Application	:NA	4)FINDLAY Judy
Number	:NA	5)BELLAIRE Thomas
Filing Date	.NA	6)BRODKIN Ian
(62) Divisional to Application Number	:NA	7)WILLMS Arthur
Filing Date	:NA	8)DOSIL Victor
		9)AYOUBI Awni

(57) Abstract:

A compound membrane breathing tube for use in spirometric applications is provided. The compound membrane comprises a first sheet and a second sheet of flexible sheeting connected together along the periphery thereof and each of the sheets has an opening cut therethrough to create a flap. The flap of the first sheet overlaps the flap of the second sheet so as to present a higher relative resistance to airflow through the breathing tube at lower airflows.

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

(22) Date of filing of Application :27/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: SECURE REMOTE CONTROL FOR AUDIO/VIDEO RECEIVER/DECODER

(51) International :H04N21/422,H04N7/167,G06F21/00

(31) Priority Document No :61/367470 (32) Priority Date :26/07/2010

(32) Priority Date :26/07/2010 (33) Name of priority :U.S.A.

country .U.S.A.

(86) International PCT/EP2011/062684 Application No

Filing Date :22/07/2011

(87) International :WO 2012/013608

Publication No
(61) Patent of Addition to
Application Number
Filing Date

.WO
:NA
:NA

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

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

Address of Applicant :Route de Gen"ve 22 24 CH 1033

Cheseaux sur Lausanne Switzerland

(72)Name of Inventor: 1)KUDELSKI Andr 2)NICOLAS Christophe

(57) Abstract:

In order to limit the use of generic remote control devices the invention relates to a system comprising a remote control device and a security device both sharing a common key algorithms or protocol specific to a pair formed by the remote control device and the security device. The remote control device comprises means to send wirelessly data to a receiver comprising the security device. The remote control device being paired with the security device is characterized in that data sent by the remote control device towards the receiver is specific to the pair formed by the remote control device and the security device said remote control device comprising encryption means and a memory to store a specific key said data being encrypted by the encryption means with the specific key the security device comprising decryption means and a key corresponding to the specific key to decrypt the received data.

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

(21) Application No.11277/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention : METHOD FOR CONSTRUCTING A BUILDING USING BRICKS CONNECTED USING DRY JOINTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:1002585 :18/06/2010 :France :PCT/FR2011/051415 :20/06/2011 :WO 2011/157972 :NA :NA	(71)Name of Applicant: 1)VICAT Address of Applicant: Tour Manhattan 6 Place de IIris F 92095 Paris la Defense France (72)Name of Inventor: 1)BAUMER Damien
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a brick (1) made from a material comprising vegetable fibres agglomerated using a binder (such as hemp concr te), said brick being provided with a groove (9, 11) and a tongue (5, 7) allowing the dry-joint connection of bricks. The invention also relates to a method for constructing a building using such bricks.

No. of Pages: 31 No. of Claims: 10

(22) Date of filing of Application :27/12/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention : METHOD FOR HYDROGENATION OF ISO ALPHA ACIDS AND TETRAHYDRO ISO ALPHA ACIDS TO HEXAHYDRO ISO ALPHA ACIDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C12C3/12 :1009873.9 :14/06/2010 :U.K. :PCT/EP2011/059814 :14/06/2011 :WO 2011/157692 :NA :NA	(71)Name of Applicant: 1)IFAST NV Address of Applicant :Innovative Flavor & Aroma Science & Technology Koutergat 2 B 1760 Roosdaal Belgium (72)Name of Inventor: 1)MERTENS Pascal 2)DE VOS Dirk 3)STEENACKERS Bart
- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		

(57) Abstract:

The invention relates to a process for the production of hexahydro iso alpha acids starting from iso alpha acids (or tetrahydro iso alpha acids) in which iso alpha acids (or tetrahydro iso alpha acids) are mixed with a heterogeneous ruthenium containing catalyst that catalyzes the hydrogenation from iso alpha acids or tetrahydro iso alpha acids to hexahydro iso alpha acids either in solvent free conditions or in the presence of a solvent phase (e.g. carbon dioxide water ethanol or another organic solvent or mixtures thereof) and in the absence or presence of other hop compounds (such as beta acids). The resulting mixture is then subjected to a temperature at which the iso alpha acid (or tetrahydro iso alpha acid) containing reaction medium is sufficiently low in viscosity to allow easy mixing with the heterogeneous ruthenium containing catalyst and held under a hydrogen containing atmosphere (either pure hydrogen gas or mixed with an inert gas) for a reaction time sufficient to effect high conversion of the iso alpha acid (or tetrahydro iso alpha acid) reactant into the hexahydro iso alpha acid product. The molar ratio of iso alpha acid or tetrahydro iso alpha acid to ruthenium varies between 1:1 and 2000:1. After the hydrogenation process the heterogeneous ruthenium containing catalyst can be separated from the hexahydro iso alpha acid product phase by centrifugation filtration decantation or other liquid solid separation techniques. The hydrogenation process can be performed batch wise or alternatively in continuous mode.

No. of Pages: 28 No. of Claims: 21

(21) Application No.116/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: SYSTEM FOR REAL TIME SIMULATION OF THE ENVIRONMENT OF AN AIRCRAFT ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:PCT/FR2011/051378 :16/06/2011 :WO 2011/161359 :NA :NA	(71)Name of Applicant: 1)TURBOMECA Address of Applicant: F 64510 Bordes France (72)Name of Inventor: 1)EVRA Yannick 2)PY Jean Michel 3)RUPERT Pascal
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The disclosed System (SYS1) comprises a digital computer (FADI), the inputs of which a slection module (MSELI) directs to a sensor (CAPi) or to a substitute digital bus (BSUI) on which substitute digital data (DSUi) generated by a real-time Simulator (SIM) can transit.

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

(19) INDIA

(22) Date of filing of Application :17/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: INDEXABLE EXPANDING DRILL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B23B51/06 :201110119826.6 :10/05/2011 :China :PCT/CN2012/071225 :16/02/2012 :WO 2012/152101 :NA :NA	(71)Name of Applicant: 1)SHANGHAI BOILER WORKS CO. LTD. Address of Applicant: No.250 Huaning Road Minhang Shanghai 200245 China (72)Name of Inventor: 1)FAN Hui 2)TANG Hongbin 3)ZHANG Weiqun 4)CHEN Ying
(61) Patent of Addition to Application Number		3)ZHANG Weiqun
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.10953/DELNP/2012 A

(57) Abstract:

Disclosed in the present invention is an indexable expanding drill comprises a cutter body (2) and a guide head (1) arranged on the cutter body. The cutter body is provided with a double spiral chi -removing groove (201). The guide head is provided with two symmetrical outer blades (101) using indexable blades installed symmetrically outside the guide head. The expanding drill reduces generating eccentric distance, improves the rigidity of the cutter, and reduces vibration during cutting, thus improving cutting efficiency, ensuring automatic chip-removing-holding capacity and reducing cutter friction during cutting.

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

(21) Application No.10958/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 17/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention : DEVICE FOR GAS CUTTING LARGE NON ORTHOGONAL TUBE HOLE ON PRESSURE VESSEL CYLINDER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:B23K7/00 :201110077839.1 :30/03/2011 :China :PCT/CN2012/071236	(71)Name of Applicant: 1)SHANGHAI BOILER WORKS CO. LTD. Address of Applicant: No.250 Huaning Road Minhang Shanghai 200245 China (72)Name of Inventor:
Filing Date (87) International Publication No	:16/02/2012 :WO 2012/129996	1)FU Yuwen 2)HUANG Xiaolei
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)HUANG Wenming
(62) Divisional to Application Number Filing Date	:NA :NA	
(55) 41		•

(57) Abstract:

A device for gas cutting a large non-orthogonal tube hole on a pressure vessel cylinder. The device is disposed on a boring and milling machine (9). The device comprises a hole connection jig (7) fixed on a boring rod of the boring and milling machine, a toothed tube (5) connected to the hole connection jig, a cutting nozzle (3) connected to the toothed tube and so on. A first adjusting device (4) is capable of adjusting the vertical travel of the cutting nozzle. A second adjusting device (6) is capable of ad-justing the length of the hole connection jig. The device is simple and reliable, has low manufacturing costs, eliminates the need of compiling a complex processing program for the boring and milling machine, only needs to follow a circular trace, has high flame cutting speed, achieves the processing quality totally satisfying product requirements, and enables opening holes for large tubes at different angles by adjusting the angle between the cylinder and the boring rod, which is simple and convenient.

No. of Pages: 11 No. of Claims: 5

(21) Application No.11360/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: FLAME RETARDANT COMPOSITION FOR COTTON ARTICLES

(51) International classification :C09K21/12,D06M15/43,D06M15/431

(31) Priority Document No :10167822.5 (32) Priority Date :30/06/2010

(33) Name of priority :EPO

country

(86) International :PCT/EP2011/059484

Application No Filing Date :1C1/El 2011

(87) International Publication No :WO 2012/000756

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

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

1)HUNTSMAN TEXTILE EFFECTS (GERMANY) GMBH

Address of Applicant : Rehlinger Strasse 1 86462 Langweid

am Lech Germany
(72)Name of Inventor:
1)DERMEIK Salman

2)EISELE Andreas

3)DEMHARTER Waltraud

(57) Abstract:

Compositions useful for the flame retardant finishing of cotton articles or other cellulose materials are described. The compositions are obtainable by reacting a tetrakishydroxyalkylphosphonium (THP) salt with caprolactam and urea to form a condensation product and subsequently forming a condensate from excess THP salt and excess urea. The compositions endow cotton articles with flame retardant properties and a pleasantly soft hand coupled with good durability to laundering processes.

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

(21) Application No.1512/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: TUBULAR THREADED CONNECTION

(51) International classification :E21B17/08,F16L15/06,F16L15/00

(31) Priority Document No :12/861497 (32) Priority Date :23/08/2010 (33) Name of priority country :U.S.A.

(86) International Application :PCT/EP2011/064299

Filing Date :19/08/2011

(87) International Publication :WO 2012/025461

No (61) Patent of Addition to

Application Number Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date

(71)Name of Applicant:

1)VALLOUREC MANNESMANN OIL & GAS FRANCE Address of Applicant :54 rue Anatole France F 59620 Aulnoye

aymeries France
2)NIPPON STEEL & SUMITOMO METAL

CORPORATION
(72)Name of Inventor:
1)ELDER Russell
2)MAILLON Bertrand

(57) Abstract:

A threaded tubular connection including a first tube and a second tube is provided. The first tube includes a pin member which extends from an end of a main body of the first tube to a terminal end of the first tube. The second tube includes a box member which extends from an end of a main body of the second tube to a terminal end of the second tube. A cross sectional area of a pin critical cross section is within approximately $\pm 5\%$ of cross sectional area of a box critical cross section of the box member. The cross sectional areas of each of the pin and box critical cross sections are within approximately $\pm 5\%$ of the sum of the cross sectional areas of a box intermediate critical cross section of the box member and a pin intermediate critical cross section of the pin member.

No. of Pages: 27 No. of Claims: 23

(21) Application No.1513/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: ELECTRICAL CONTACT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01L31/0224 :61/375726 :20/08/2010 :U.S.A. :PCT/US2011/048588 :22/08/2011 :WO 2012/024667 :NA :NA :NA	(71)Name of Applicant: 1)FIRST SOLAR INC. Address of Applicant: 28101 Cedar Park Boulevard Perrysburg OH 43551 U.S.A. (72)Name of Inventor: 1)ADDEPALLI Pratima V. 2)JAYARAMAN Sreenivas 3)KARPENKO Oleh P.
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(57) Abstract:

A photovoltaic device with a low resistance stable electrical back contact is disclosed. The photovoltaic device can have a CuTex or CuTexNy layer.

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

(21) Application No.11287/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: FORMULATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07C69/78 :1012586.2 :27/07/2010 :U.K. :PCT/IB2011/053325 :26/07/2011 :WO 2012/014152 :NA :NA	(71)Name of Applicant: 1)SYNGENTA LIMITED Address of Applicant: Syngenta Limited European Regional Centre Priestley Road Surrey Research Park Guildford Surrey GU2 7YH U.K. (72)Name of Inventor: 1)BELL Gordon Alastair 2)WALLER Anne 3)WAILES Jeffrey Steven
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(57) Abstract:

This invention relates to a formulation comprising a compound of formula (I) where R1 is hydrogen methyl ethyl propyl or butyl; R2 is methyl or ethyl; R3 is hydrogen methyl or ethyl; and n is 1 2 or 3; to the use of a compound of formula (I) as a solvent; and to certain novel compounds of formula (I).

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

(19) INDIA

(22) Date of filing of Application :27/12/2012

(21) Application No.11288/DELNP/2012 A

(43) Publication Date: 17/10/2014

(54) Title of the invention: FORMULATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07C69/00 :1012587.0 :27/07/2010 :U.K. :PCT/IB2011/053339 :27/07/2011 :WO 2012/014162 :NA :NA :NA	(71)Name of Applicant: 1)SYNGENTA LIMITED Address of Applicant: Syngenta Limited European Regional Centre Priestley Road Surrey Research Park Guildford Surrey GU2 7YH U.K. (72)Name of Inventor: 1)BELL Gordon Alastair 2)WALLER Anne 3)WAILES Jeffrey Steven
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(57) Abstract:

This invention relates to a formulation comprising a compound of formula (I) where R1 and R2 are each independently hydrogen optionally substituted C1 18 alkyl optionally substituted C1 18 alkenyl optionally substituted C3 8 cycloalkyl optionally substituted C3 8 cycloalkenyl or optionally substituted aryl; provided that the total number of carbon atoms in R1 and R2 is an integer from 5 to 40 inclusive; the use of a compound of formula (I) (i) as an adjuvant provided that the total number of carbon atoms in R1 and R2 is an integer from 5 to 40 inclusive; and (ii) as a solvent provided that the total number of carbon atoms in R1 and R2 is an integer from 5 to 20 inclusive; to certain novel compounds of formula (I) and to a process for preparing those novel compounds.

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

(21) Application No.11289/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/12/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention: NOVEL STRUCTURED CATALYST

(51) International :H04N5/765,H04N5/775,H04N5/00 classification

(31) Priority Document No :1079/10 (32) Priority Date :01/07/2010

(33) Name of priority country: Switzerland

(86) International Application :PCT/EP2011/061159 No

:01/07/2011 Filing Date

(87) International Publication :WO 2012/001166

No

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

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

Filing Date (57) Abstract:

(71)Name of Applicant: 1)DSM IP ASSETS B.V.

Address of Applicant: Het Overloon 1 NL 6411 TE Heerlen

Netherlands

(72)Name of Inventor: 1)BONRATH Werner 2)KIWI MINSKER Lioubov

3)IOURANOV Igor

The present invention relates to novel structured catalysts based on sintered metal fibers (SMF) coated by a basic oxide layer with Pd nanoparticles to reactions of organic compounds with hydrogen in the presence of said catalyst and an organic base as well as to vitamins carotinoids perfume ingredients and/or food or feed ingredients prepared by using this reaction.

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

(22) Date of filing of Application :21/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: COMPOSITE STRUCTURES HAVING IMPROVED HEAT AGING AND INTERLAYER BOND **STRENGTH**

(51) International classification: B32B5/26,B32B17/02,B32B17/10 (71) Name of Applicant:

:WO 2012/058366

(31) Priority Document No :61/408166 (32) Priority Date :29/10/2010 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2011/057979

:27/10/2011

Filing Date

(87) International Publication No

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)E. I. DU PONT DE NEMOURS AND COMPANY

Address of Applicant: 1007 Market Street Wilmington DE

19898 U.S.A.

(72)Name of Inventor:

1)ELIA Andri E.

2)KIRCHNER Olaf Norbert 3)WAKEMAN Martyn Douglas

4)YUAN Shengmei

(57) Abstract:

The present invention relates to the field of composite structures having improved heat aging processes for making them and end use articles. The composite structures of the present invention comprise a polyamide matrix resin composition comprising from 0. 1 to at or about 3 weight percent of a copper based heat stabilizer based on the weight of the polyamide matrix resin composition; a fibrous material and a polyamide surface resin composition comprising 0. 1 to 3 weight percent of surface heat stabilizer based on the weight of the polyamide surface resin composition; wherein: the surface heat stabilizer is different than the copper based heat stabilizer; and wherein the fibrous material is impregnated with the polyamide matrix resin composition.

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

(19) INDIA

(22) Date of filing of Application :21/02/2013

(21) Application No.1594/DELNP/2013 A

(43) Publication Date: 17/10/2014

(54) Title of the invention: A SPORTS MOTION CONTROL BRA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A41C3/00 :61/376894 :25/08/2010 :U.S.A. :PCT/NZ2011/000165 :23/08/2011 :WO 2012/026831 :NA :NA :NA	(71)Name of Applicant: 1)QP HOLDINGS LIMITED Address of Applicant :c/ Busing Russell + Co Limited 369 Devon Street East New Plymouth New Zealand (72)Name of Inventor: 1)SHEARER Richard Heughan
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(57) Abstract:

A sport motion control bra having a pair of partial cups which locate support and shape the lower periphery of the breasts of a user so as to effectively restrict the motion of the breasts relative to the body of a user during sporting activities and one or more side straps which connect to wings extending from each cup so as to in use support and locate the sides of the cups. A sport impact protection and motion control bra including a pair of cups dimensioned to encompass the majority of the breasts of a user. The cups are configured to effectively transfer local impact force through the cup to be dissipated through the bra and surrounding breast tissue and restrict motion of the breasts relative to the body of a user. The lower edge of each cup may include an inflexion section extending between the torso and breast sections of the bra.

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

(21) Application No.11344/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention : MICROCAPSULE SUSPENSIONS INCLUDING HIGH LEVELS OF AGRICULTURALLY ACTIVE INGREDIENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A01N25/28 :61/352084 :07/06/2010 :U.S.A. :PCT/US2011/031925 :11/04/2011 :WO 2011/156048 :NA :NA	(71)Name of Applicant: 1)DOW AGROSCIENCES LLC Address of Applicant:9330 Zionsville Road Indianapolis IN 46268 U.S.A. (72)Name of Inventor: 1)XU Wen 2)TANK Holger
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Materials and methods for the formation of microcapsules that include a high concentration of agriculturally active ingredients (AIs) and a lipophilic polymer encapsulated within a polymeric shell formed via an interfacial polycondensation reaction. Under some conditions these microcapsules may be formed using less lipophilic solvent than is required using convention microencapsulation techniques. These inventive methods include forming an oil in water emulsion in some cases using a first polymer as a lipophilic solvent for the AI and forming a microcapsule that includes the AI and polymer. Other methods include forming a microcapsule that includes a lipophilic monomer agriculturally active ingredient and initiator having a polymeric shell then elevating the temperature to initiate polymerization of the monomer with the microcapsule.

No. of Pages: 29 No. of Claims: 36

(21) Application No.11345/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention : MONOCLONAL ANTIBODIES DETECTION METHODS FOR ENZYMES THAT CONFER RESISTANCE TO 2 4 DICHLOROPHENOXYACETIC ACID IN PLANTS

(51) International :C07K16/40,C12N5/12,G01N33/573

(31) Priority Document No :61/351593 (32) Priority Date :04/06/2010 (33) Name of priority :U.S.A.

(86) International

Application No :PCT/US2011/038848 :02/06/2011

Filing Date .02/00/20

(87) International Publication: WO 2011/153300

No (61) Patent of Addition to

Application Number
Filing Date
:NA
:NA

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

(71)Name of Applicant:

1)DOW AGROSCIENCES LLC

Address of Applicant :9330 Zionsville Road Indianapolis IN

46268 1054 U.S.A. (72)Name of Inventor: 1)SHAN Guomin

2)LIN Gaofeng

3)SMITH DRAKE Joelene K.

4)SOSA Marcelo J.

(57) Abstract:

Described herein are monoclonal antibodies and methods useful for determining and quantitating the presence of an aryloxyalkanoate dioxygenase enzyme.

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

(22) Date of filing of Application :21/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: POLYAMIDE COMPOSITE STRUCTURES AND PROCESSES FOR THEIR PREPARATION

(51) International classification:B32B5/26,B32B27/12,B32B27/34 (71)Name of Applicant:

(31) Priority Document No :61/408166 (32) Priority Date :29/10/2010 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2011/057985

:27/10/2011 Filing Date

(87) International Publication :WO 2012/058368

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

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

1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant :1007 Market Street Wilmington

Delaware 19898 U.S.A. (72)Name of Inventor:

1)ELIA Andri E. 2)KIRCHNER Olaf Norbert

3)WAKEMAN Martyn Douglas

4)YUAN Shengmei

(57) Abstract:

Disclosed herein are polyamide composite structures and processes for their preparation. The disclosed composite structures comprise a surface having at least a portion made of a surface resin composition and comprise a fibrous material being impregnated with a matrix resin composition. The surface resin composition is selected from polyamide compositions comprising a blend of (A) fully aliphatic polyamides having a melting point of less than 230°C and (B) fully aliphatic polyamides having a melting point of at least 250°C and wherein the matrix resin composition is independently selected from (B) or blends of (A) and (B).

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

(22) Date of filing of Application :21/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: COMPOSITE STRUCTURES HAVING IMPROVED HEAT AGING AND INTERLAYER BOND **STRENGTH**

(51) International classification: B32B5/26,B32B17/02,B32B17/10 (71) Name of Applicant:

:WO 2012/058359

(31) Priority Document No :61/408166 (32) Priority Date :29/10/2010 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2011/057969

:27/10/2011 Filing Date

(87) International Publication No

(61) Patent of Addition to :NA

Application Number :NA Filing Date

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

1)E. I. DU PONT DE NEMOURS AND COMPANY

Address of Applicant :1007 Market Street Wilmington

Delaware 19898 U.S.A. (72)Name of Inventor:

1)ELIA Andri E.

2)KIRCHNER Olaf Norbert 3)WAKEMAN Martyn Douglas

4)YUAN Shengmei

(57) Abstract:

The present invention relates to the field of composite structures having improved heat aging processes for making them and end use articles. The composite structures of the present invention comprise a polyamide matrix resin composition comprising from 0. 1 to at or about 3 weight percent of a matrix heat stabilizer based on the weight of the polyamide matrix resin composition; a fibrous material and a polyamide surface resin composition comprising 0. 1 to 3 weight percent of a copper based heat stabilizer based on the weight of the polyamide surface resin composition; wherein: the matrix heat stabilizer is different than the copper based heat stabilizer; and wherein the fibrous material is impregnated with the polyamide matrix resin composition.

No. of Pages: 33 No. of Claims: 13

(22) Date of filing of Application :21/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: OVERMOLDED POLYAMIDE COMPOSITE STRUCTURES AND PROCESSES FOR THEIR **PREPARATION**

(51) International classification: B32B5/26,B32B27/12,B32B27/34 (71) Name of Applicant:

(31) Priority Document No :61/408166 (32) Priority Date :29/10/2010 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2011/057997

:27/10/2011 Filing Date

(87) International Publication :WO 2012/058374 No

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)E. I. DU PONT DE NEMOURS AND COMPANY

Address of Applicant :1007 Market Street Wilmington

Delaware 19898 U.S.A. (72)Name of Inventor:

1)ELIA Andri E.

2)KIRCHNER Olaf Norbert 3)WAKEMAN Martyn Douglas

4)YUAN Shengmei

(57) Abstract:

The present invention relates to the field of overmolded composites structures and processes for their preparation particularly it relates to the field of overmolded polyamide composite structures. The disclosed overmolded composite structures comprise i) a first component having a surface which surface has at least a portion made of a surface resin composition and comprising a fibrous material selected from non woven structures textiles fibrous battings and combinations thereof said fibrous material being impregnated with a matrix resin composition ii) a second component comprising an overmolding resin composition wherein said second component is adhered to said first component over at least a portion of the surface of said first component and wherein the surface resin composition is selected from polyamide compositions comprising a blend of (A) one or more fully aliphatic polyamides selected from group (I) polyamides having a melting point of less than 230°C and (B) one or more polyamides selected from group (II) polyamides having a melting point of at least 250°C and wherein the matrix resin composition is independently selected from (B) or independently selected from blends of (A) and (B).

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

(21) Application No.11237/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: CLOSURE FOR PLASTIC PACKAGING CONTAINERS

(51) International :B65D17/40,B65D85/72,B65D43/02 classification

(31) Priority Document No :PI10014314 (32) Priority Date :31/05/2010

(33) Name of priority country:Brazil

(86) International :PCT/BR2011/000145

Application No :10/05/2011 Filing Date

(87) International Publication :WO 2011/150478

No (61) Patent of Addition to

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

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

(71)Name of Applicant:

1)MINDORO CONSULTORIA E SERVI‡OS EM

ALIMENTOS LTDA.

Address of Applicant :Rua Doutor Jos Rodrigues Alves Sobrinho Bloco 01 Cj. 52 05466 040 S£o Paulo Brazil

(72)Name of Inventor:

1)ROMEIRO Srgio

(57) Abstract:

The present invention relates to a closure for plastic packaging containers that exhibits innovative features that can simplify the manufacturing process and the filling with liquid and viscous products but the main effect of which is to prevent the package walls from collapsing following a change in vapour pressure inside the container regardless of the filling temperature.

No. of Pages: 17 No. of Claims: 5

(21) Application No.11238/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: STRUCTURE FOR PRODUCTION OF CAST MATERIAL

(51) International classification :B22C1/00,B22C9/02,B22C9/08 (71)Name of Applicant : (31) Priority Document No :2010145199 1)KAO CORPORATION (32) Priority Date :25/06/2010 Address of Applicant: 14 10 Nihonbashi Kayabacho 1 chome (33) Name of priority country Chuo ku Tokyo 1038210 Japan :Japan (72)Name of Inventor: (86) International Application No: PCT/JP2011/064496 1)IKENAGA Haruki Filing Date :24/06/2011 (87) International Publication No: WO 2011/162365 (61) Patent of Addition to :NA **Application Number** :NA

Filing Date
(62) Divisional to Application
Number
:NA

Filing Date :NA

(57) Abstract:

A structure for use in the production of a cast material which comprises organic fibers inorganic fibers inorganic particles (A) having an average particle diameter of 50 to 150 μ m and a binder (a) and which has formed on the surface thereof a surface layer comprising fire resistant inorganic particles (B) a clay mineral and a binder (b) wherein the fire resistant inorganic particles (B) are particles of a compound selected from the group consisting of a metal oxide and a silicate of a metal and have an average particle diameter of 1 to 100 μ m.

No. of Pages: 60 No. of Claims: 14

(21) Application No.11239/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: SUSTAINED RELEASE THERAPEUTIC AGENT FOR HYPERTENSION AND RENAL DYSFUNCTION

(51) International

:A61K31/426,A61P9/12,A61P13/12

classification (31) Priority Document No

:2010145056

(32) Priority Date

:25/06/2010

(33) Name of priority country: Japan

No

Filing Date

(61) Patent of Addition to

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

Number

:NA

Filing Date

(57) Abstract:

(86) International Application :PCT/JP2011/064569 1)SHIRAKURA Takashi 2)TAMURA Mizuho :24/06/2011 3)TAKAHASHI Yoshimasa (87) International Publication :WO 2011/162390 4)KUWAHARA Ippei :NA :NA

(71)Name of Applicant:

Tokyo 1000013 Japan

(72)Name of Inventor:

1)TEIJIN PHARMA LIMITED

Address of Applicant: 2 1 Kasumigaseki 3 chome Chiyoda ku

Disclosed is a therapeutic agent or prophylactic for hypertension or normal high blood pressure and renal dysfunction that is more effective than conventional drugs. Specifically disclosed is a sustained release pharmaceutical composition for the treatment or prevention of hypertension or normal high blood pressure and renal dysfunction and which contains a 2 phenylthiazole compound represented by formula (I) or a pharmaceutically acceptable salt thereof as an active component.

No. of Pages: 19 No. of Claims: 16

(22) Date of filing of Application :21/02/2013 (43)

(43) Publication Date: 17/10/2014

(54) Title of the invention: UPLINK CONTROL INFORMATION TRANSMITTING METHOD AND SYSTEM AND METHOD AND APPARATUS FOR DETERMINING NUMBER OF CODED SYMBOL

(51) International classification	:H04L1/00	(71)Name of Applicant:
(31) Priority Document No	:201010539407.3	1)ZTE CORPORATION
(32) Priority Date	:10/11/2010	Address of Applicant :ZTE Plaza Keji Road South Hi Tech
(33) Name of priority country	:China	Industrial Park Nanshan Shenzhen Guangdong 518057 China
(86) International Application No	:PCT/CN2011/077481	(72)Name of Inventor:
Filing Date	:22/07/2011	1)YANG Weiwei
(87) International Publication No	:WO 2012/062130	2)DAI Bo
(61) Patent of Addition to Application	:NA	3)LIANG Chunli
Number	*	4)XIA Shuqiang
Filing Date	:NA	5)YU Bin
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		

(57) Abstract:

Disclosed are a method and system for transmitting uplink control information. The method comprises: coding the uplink control information that needs to be sent and the data information corresponding to one or two transmission blocks respectively obtaining a post coding sequence according to the target length and forming a corresponding modulated coding sequence from the post coding sequence according to a modulation method (401); interleaving the obtained coding modulation sequence and then transmitting the sequence on a layer corresponding to a physical uplink shared channel (PUSCH) (402). The method and system provided in the present invention realizes the transmission of high bit count uplink control information on the PUSCH. Also disclosed is a method for determiningded symbols required for each layer when the uplink control information is transmitted over the PUSCH thus determining the number of coded symbols required for each layer when the uplink control information is transmitted over the PUSCH

No. of Pages: 49 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :21/02/2013

(21) Application No.1597/DELNP/2013 A

(43) Publication Date: 17/10/2014

(54) Title of the invention: NON LUER CONNECTORS

(51) International classification	:A61M39/10	(71)Name of Applicant:
(31) Priority Document No	:61/374325	1)BECTON DICKINSON AND COMPANY
(32) Priority Date	:17/08/2010	Address of Applicant :1 Becton Drive MC 110 Franklin Lakes
(33) Name of priority country	:U.S.A.	New Jersey 07417 1880 U.S.A.
(86) International Application No	:PCT/US2011/048034	(72)Name of Inventor:
Filing Date	:17/08/2011	1)JIN Yun
(87) International Publication No	:WO 2012/024370	2)WU Yongxian
(61) Patent of Addition to Application	:NA	3)MATHUR Devesh
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Drug delivery devices having integrated non luer connectors are described. An exemplary drug delivery device includes a container with a non luer connector that prevents connection of a standard female luer connector to the container. One or more embodiments pertain to a container with a non luer connector that prevents the formation of a fluid tight seal between a standard female luer connector and the container. A non luer connector for attachment to a container having a non luer element is also described.

No. of Pages: 96 No. of Claims: 45

(21) Application No.11313/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: GRADUATED COMPRESSION HOSIERY

(51) International :A61F13/06,A61F13/08,A41B11/00 classification

(31) Priority Document No :1010971.8 (32) Priority Date :30/06/2010

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

(86) International Application :PCT/GB2011/051228 No

:29/06/2011 Filing Date

(87) International Publication :WO 2012/001410

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

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

(71)Name of Applicant:

1)STUFF OF LIFE LIMITED

Address of Applicant : Woodhill House Station Road Mayfield

East Sussex TN20 6BW U.K. (72)Name of Inventor:

1)BARKER Stephen George Edward

(57) Abstract:

An item of graduated compression hosiery additionally comprises a compression panel adapted to provide targeted compression of one or more of the sites for perforating vein communication between the superficial and deeper vein systems in the lower leg.

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

(21) Application No.11315/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention: METHODS OF DELIVERING A HEALTH CARE ACTIVE BY ADMINISTERING PERSONAL HEALTH CARE ARTICLES COMPRISING A FILAMENT

(51) International

:A61K9/70,A61K47/10,A61K47/36

classification (31) Priority Document No

:61/360982

(32) Priority Date

:02/07/2010

:PCT/US2011/042641

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

No

Filing Date

:30/06/2011

(87) International Publication :WO 2012/003350

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

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)THE PROCTER & GAMBLE COMPANY

Address of Applicant : One Procter & Gamble Plaza Cincinnati

Ohio 45202 U.S.A.

(72)Name of Inventor: 1)DARCY Trevor John

2)GILBERT Steven Ray

3) GORDON Gregory Charles

4)CHHABRA Rajeev

5)ALLEN William Maxwell Jr.

(57) Abstract:

A method of delivering a health care active having the steps of administering to a mammal in need of a health benefit or a treatment for a health condition a personal health care article and consuming the article. The article contains one or more filaments that contain a backbone material a health care active and optionally aesthetic agents extensional aids plasticizers and crosslinking agents.

No. of Pages: 69 No. of Claims: 30

(22) Date of filing of Application :28/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: ISOLATED SWITCHED MODE POWER SUPPLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02M3/335 :NA :NA :NA :NA :PCT/EP2010/062874 :02/09/2010 :WO 2012/028189 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (publ) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor: 1)KARLSSON Magnus 2)MALMBERG Jonas 3)PERSSON Oscar
Filing Date	:NA	

(57) Abstract:

An isolated switched mode power supply comprising: a transformer comprising a primary winding and a secondary winding said secondary winding having a centre tap provided between a first portion and a second portion thereof; a primary side circuit arranged to generate voltage pulses and thereby to drive the primary winding of the transformer; and a secondary side circuit. The secondary side circuit comprises a rectification network connected to the secondary winding the rectification network and the transformer being arranged such that during a free wheeling period of operation of the switched mode power supply in which the primary winding is not driven by the primary side circuit a magnetic flux from the first portion of the winding substantially cancels a magnetic flux from the second portion of the winding between the first and second portions of the winding. The secondary side circuit further comprises a switching device which is connected to the centre tap and an output of the rectification network so as to conduct at least a part of a free wheeling current flowing in the secondary side circuit during the said free wheeling period.

No. of Pages: 37 No. of Claims: 14

(22) Date of filing of Application :21/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: METHOD FOR MOUNTING SHIELDING ON A TURBINE CASING AND MOUNTING ASSEMBLY FOR IMPLEMENTING SAME

(51) International classification: F01D21/04,F01D25/24,F02C7/05 (71) Name of Applicant: (31) Priority Document No :1056795

(32) Priority Date :26/08/2010 (33) Name of priority country :France

(86) International Application :PCT/FR2011/051946

:23/08/2011 Filing Date

(87) International Publication :WO 2012/025690 No

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

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

1)TURBOMECA

Address of Applicant :BP 2 F 64510 Bordes France

(72)Name of Inventor:

1)SAHORES Jean Luc Pierre 2)JAUREGUIBERRY Carole 3)CASAUX BIC Jean Maurice 4)DESCUBES Olivier Pierre

(57) Abstract:

The invention relates to negating the thermal inertia of a solid portion, such as shielding, which influences the mechanical behavior of the parts of the engine structure. In particular, the invention aims to reduce the forces transmitted to the engine structure during an event in which a turbine blade ruptures, while at the same time preserving the mechanical strength thereof and suitable vibratory positioning. To this end, the invention provides a flexible fastener for the shield, thereby enabling a fusible section to be produced. An exemplary assembly for mounting shielding (15) onto a casing (20) of the engine structure (30) of a turbine (10) according to the invention comprises connection lugs (70) and points (82, 92) for attachment to the casing (20) o and to the shielding (15). The attachment points are sufficiently spaced apart in accordance with the curvature of the shielding c (15) and casing (20) such that the connection between the lugs (70) and the shielding (15) or casing (20), as well as the connection to the attachment points (92, 82), are substantially tangential. The lugs (70) are sized such that the connection has a sufficient degree of flexibility in order to control the vibratory positioning thereof and to ensure a sufficient degree of mechanical strength under a thermomechanical loads.

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

(21) Application No.11427/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD FOR TREATING A SURFACE OF A DEVICE FOR DISPENSING A FLUID PRODUCT

(51) International classification	:C23C14/48,A61F9/00,A61L2/16	(71)Name of Applicant:
(31) Priority Document No	:1055371	1)APTAR FRANCE SAS
(32) Priority Date	:02/07/2010	Address of Applicant :Lieudit le Prieur F 27110 Le Neubourg
(33) Name of priority country	:France	France
(86) International Application	.DCT/FD2011/051545	(72)Name of Inventor:
No	:PCT/FR2011/051545	1)SALLAK Zakaria
Filing Date	:01/07/2011	2)BUSARDO Denis
(87) International Publication	:WO 2012/001326	3)GUERNALEC Frdric
No	.WO 2012/001320	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application	·NI A	
Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method for treating a surface of a device for dispensing a fluid product said method including a step of modifying by ion implantation using beams of ions having multiple charge states and multiple energy states at least one surface to be treated of at least one portion of said device which is in contact with said fluid product said modified surface to be treated having anti adhesive properties for said fluid product said ions having multiple charge states being selected from among those of helium (He) nitrogen (N) oxygen (O) neon (Ne) argon (AR) krypton (Kr) and xenon (Xe) and the ion implantation being carried out at a depth of 0 to 3 μ m.

No. of Pages: 35 No. of Claims: 21

(21) Application No.11428/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/12/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention : METHOD FOR GRAFTING INTO A LAYER LOCATED DEEP INSIDE AN ORGANIC MATERIAL BY MEANS OF AN ION BEAM

(31) Priority Document No (32) Priority Date	:C08J7/12,C23C14/46,C23C14/48 :1002989 :16/07/2010	1)QUERTECH INGENIERIE Address of Applicant :9 rue de La Girafe F 14000 Caen France
(33) Name of priority country (86) International Application No Filing Date	:France :PCT/FR2011/051551 :01/07/2011	(72)Name of Inventor: 1)BUSARDO Denis
(87) International Publication No	:WO 2012/007671	
(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 grafting monomers (M) into a layer located deep inside an organic material by means of an ion beam (X) wherein: the dose of ions per unit of area is selected from a range of 10 ions/cm to 10 ions/cm so as to create a store of free radicals (1) in a large layer of between 0 and 3000 nm; and free radicals (1) of hydrophilic and/or hydrophobic and/or antibacterial monomers (M) are grafted into said store. Organic materials having water repellant hydrophilic and/or antibacterial properties that are effective over a long period of time can thus be obtained.

No. of Pages: 44 No. of Claims: 13

(21) Application No.11429/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD FOR TREATING A SURFACE OF A POLYMERIC PART BY MULTI ENERGY IONS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C23C14/48,A61F9/00,A61L2/16 :1002868 :08/07/2010 :France	(71)Name of Applicant: 1)QUERTECH INGENIERIE Address of Applicant: 9 rue de La Girafe F 14000 Caen France (72)Name of Inventor:
(86) International Application No Filing Date	:PCT/FR2011/051547 :01/07/2011	1)BUSARDO Denis 2)GUERNALEC Frdric
(87) International Publication No	:WO 2012/004495	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Method for treating at least one surface of a part made of a bulk polymer into which multi energy ions X and X are implanted simultaneously where X is the atomic symbol chosen from the list consisting of helium (He) nitrogen (N) oxygen(O) neon (Ne) argon (Ar) krypton (Kr) and xenon(Xe) and in which the RX ratio where RX = X/X with X and X being expressed in atomic percentages is less than or equal to 100 for example less than 20. As a result of the very large reductions in the surface resistivity of the parts thus treated antistatic properties or even electrostatic charge dissipation properties appear. As an example the X and X ions are supplied by an ECR source.

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

(22) Date of filing of Application :21/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: APPARATUS AND METHODS FOR THE AUTOMATED SYNTHESIS OF SMALL MOLECULES

(51) International classification :C07F5/02,C07F5/04,C07F7/02 (71)Name of Applicant : (31) Priority Document No 1) THE BOARD OF TRUSTEES OF THE UNIVERSITY :61/367176 (32) Priority Date :23/07/2010 OF ILLINOIS (33) Name of priority country :U.S.A. Address of Applicant: 352 Henry Administration Building 506 (86) International Application No :PCT/US2011/045064 S. Wright Street Urbana IL 61801 U.S.A. Filing Date :22/07/2011 (72)Name of Inventor: (87) International Publication No :WO 2012/012756 1)BURKE Martin D. (61) Patent of Addition to 2)GILLIS Eric P. :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Provided are methods for purifying N methyliminodiacetic acid (MID A) boronates from solution. Also provided are methods for deprotection of boronic acids from their MIDA ligands. The purification and deprotection methods can be used in conjunction with methods for coupling or otherwise reacting boronic acids. Iterative cycles of deprotection coupling and purification can be performed to synthesize chemical compounds of interest. The methods are suitable for use in an automated chemical synthesis process. Also provided is an automated small molecule synthesizer apparatus for performing automated synthesis of small molecules using iterative cycles of deprotection coupling and purification in accordance with methods of the invention. Coupling and other reactions embraced by the invention include without limitation Suzuki Miyaura coupling oxidation Swern oxidation Jones reagents oxidation reduction Evans aldol reaction HWE olefmation Takai olefmation alcohol silylation desilylation / methoxybenzylation iodination Negishi cross coupling Heck coupling Miyaura borylation Stille coupling and Sonogashira coupling.

No. of Pages: 112 No. of Claims: 62

(22) Date of filing of Application :04/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: DELIVERY PARTICLES WITH A PLURALITY OF CORES

(51) International classification	:C11D17/00,F26B3/12	(71)Name of Applicant:
(31) Priority Document No	:61/365903	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:20/07/2010	Address of Applicant :One Procter & Gamble Plaza Cincinnati
(33) Name of priority country	:U.S.A.	Ohio 45202 U.S.A.
(86) International Application No	:PCT/US2011/044593	(72)Name of Inventor:
Filing Date	:20/07/2011	1)FERNANDEZ PRIETO Susana
(87) International Publication No	:WO 2012/012475	2)SIMONCELLI Alberto
(61) Patent of Addition to Application	:NA	3)VEGA Jose Luis
Number	*	4)SMETS Johan
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present application relates to delivery particles with a plurality of cores and comprising benefit agents and products comprising such delivery particles as well as processes for making and using such delivery particles and products comprising such delivery particles. The process of making such particles does not unduly degrade the benefit agent and when such particles are employed in a product they are stable yet they release the desired amount of benefit agent when such product is used as intended.

No. of Pages: 55 No. of Claims: 14

(21) Application No.1544/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: ASYMMETRIC TIBIAL COMPONENTS FOR A KNEE PROSTHESIS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61F2/38 :61/367375 :24/07/2010 :U.S.A. :PCT/US2011/045082 :22/07/2011 :WO 2012/018566 :NA :NA :NA	(71)Name of Applicant: 1)ZIMMER INC. Address of Applicant: 1800 W. Center Street Warsaw IN 46580 U.S.A. (72)Name of Inventor: 1)WENTORF Mary S.S. 2)BISCHOFF Jeffrey E.
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(57) Abstract:

An orthopaedic tibial prosthesis includes a tibial baseplate with an asymmetric periphery which promotes proper positioning and orientation on a resected tibia while also facilitating enhanced kinematics soft tissue interaction and long term fixation of the complete knee prosthesis. The asymmetric baseplate periphery is sized and shaped to substantially match portions of the periphery of a typical resected proximal tibial surface such that proper location and orientation is evident by resting the baseplate on the tibia. The baseplate periphery provides strategically positioned relief and/or clearance between the baseplate periphery and bone periphery such as in the posterior medial portion to prevent deep flexion component impingement and in the anterior lateral portion to avoid undue interaction between the anatomic iliotibial band and prosthesis components.

No. of Pages: 59 No. of Claims: 43

(21) Application No.1545/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: ASYMMETRIC TIBIAL COMPONENTS FOR A KNEE PROSTHESIS

(51) Intermedian 1 -1: (6ti	A C1F2/20	(71)NJ
(51) International classification	:A61F2/38	(71)Name of Applicant:
(31) Priority Document No	:61/367375	1)ZIMMER INC.
(32) Priority Date	:24/07/2010	Address of Applicant :1800 W. Center Street Warsaw IN
(33) Name of priority country	:U.S.A.	46580 U.S.A.
(86) International Application No	:PCT/US2011/045080	(72)Name of Inventor:
Filing Date	:22/07/2011	1)WENTORF Mary S. S.
(87) International Publication No	:WO 2012/018565	2)BISCHOFF Jeffrey E.
(61) Patent of Addition to Application	:NA	3)PARISI Raymond C.
Number	*	4)RETTIG Katherine M.
Filing Date	:NA	1)212 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An orthopaedic tibial prosthesis (10) includes a tibial baseplate (12) with an asymmetric periphery (200) which promotes proper positioning and orientation on a resected tibia while also facilitating enhanced kinematics soft tissue interaction and long term fixation of the complete knee prosthesis. The asymmetric baseplate periphery is sized and shaped to substantially match portions of the periphery of a typical resected proximal tibial surface such that proper location and orientation is evident by resting the baseplate on the tibia. The baseplate periphery provides strategically positioned relief and/or clearance between the baseplate periphery and bone periphery such as in the posterior medial portion to prevent deep flexion component impingement and in the anterior lateral portion to avoid undue interaction between the anatomic iliotibial band and prosthesis components.

No. of Pages: 62 No. of Claims: 70

(21) Application No.1603/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/02/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention: VACCINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C07K14/455 :1013006.0 :02/08/2010 :U.K. :PCT/GB2011/051456 :02/08/2011 :WO 2012/017230 :NA :NA	(71)Name of Applicant: 1)THE PIRBRIGHT INSTITUTE Address of Applicant: Ash Road Pirbright GU24 0NF U.K. (72)Name of Inventor: 1)BLAKE Damer 2)SMITH Adrian 3)SHIRLEY Martin
1 (41110 01	:NA :NA :NA	

(57) Abstract:

The present invention provides a polypeptide comprising the amino acid sequence as shown as SEQ ID No. 1 or a homologue or fragment thereof a nucleic acid capable of encoding such a polypeptide and a vaccine comprising such a polypeptide/nucleic acid. The vaccine may be used for the treatment and/or prevention of a disease associated with an apicomplexan parasite.

No. of Pages: 93 No. of Claims: 14

(22) Date of filing of Application :21/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: METHOD FOR OPTIMIZING THE OVERALL ENERGY EFFICIENCY OF AN AIRCRAFT AND MAIN POWER PACKAGE FOR IMPLEMENTING SAME

(51) International classification: F02C7/32,B64D13/06,B64D41/00 (71) Name of Applicant:

(31) Priority Document No :1056761 :25/08/2010 (32) Priority Date

(33) Name of priority country :France

(86) International Application :PCT/FR2011/051943

:23/08/2011

Filing Date (87) International Publication :WO 2012/025687

(61) Patent of Addition to :NA

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

:NA Number :NA Filing Date

1)TURBOMECA

Address of Applicant :BP 2 F 64510 Bordes France

(72)Name of Inventor: 1)HAILLOT Jean Michel

(57) Abstract:

The invention relates to limiting the specific consumption of an aircraft by matching the sizing of the power supply to the actual power needs of the cabin pressure control system and more generally to that of the aircraft. According to the invention the method for optimizing the overall efficiency of the energy supplied onboard an aircraft consists of providing in an environment located near the cabin at least one main power generating engine sized so as to serve as a single pneumatic energy generating source for the cabin and as an at most partial propulsive hydraulic and/or electric energy generating source for the rest of the aircraft. The method then consists of minimizing the power differential between the nominal point ((Pn)1 (Pn)0) of the power sources when said sources are operating and the sizing point ((Pd)0) of the non propulsive energy contributions of said sources when the main engine has failed by equally dividing the power contributions of the main engines and the main power generator under nominal operating conditions and in the event of a failure of a main engine. DRAWING: FIG. 4: Rendement thermique Thermal efficiency

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

(21) Application No.11323/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD FOR METERING A CATALYST SLURRY

(51) International classification	:F16K25/00,F16K27/00,B01J8/00	(71)Name of Applicant:
(31) Priority Document No	:10171371.7	1)TOTAL RESEARCH & TECHNOLOGY FELUY
(32) Priority Date	:30/07/2010	Address of Applicant :Zone Industrielle C B 7181 Seneffe
(33) Name of priority country	:EPO	Belgium
(86) International Application	:PCT/EP2011/063133	(72)Name of Inventor:
No	:29/07/2011	1)DEWACHTER Daan
Filing Date	.29/07/2011	2)BEKAERT Daniel
(87) International Publication	:WO 2012/013795	
No	6 2012/015/96	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date		

(57) Abstract:

The invention relates to a catalyst metering device with a valve formed of an iron based alloy steel hardened to a Rockwell hardness C of at least 60. The device can be used for metering of a catalyst for an ethylene polymerization reaction. The invention further relates to ethylene polymerization wherein the catalyst is metered in a catalyst metering device with a iron based alloy steel hardened valve as well as to a ethylene polymerization reactor comprising such a catalyst metering device.

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

(22) Date of filing of Application :28/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: SYSTEM AND METHOD FOR DRIVING LIGHT EMITTING DIODES

(51) International classification (31) Priority Document No	:H05B33/08 :201010229860.4	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant of Diver Board School acts do NIV 12245
(32) Priority Date(33) Name of priority country	:14/07/2010 :China	Address of Applicant :1 River Road Schenectady NY 12345 U.S.A.
(86) International Application No Filing Date (87) International Publication No	:PCT/US2011/040312 :14/06/2011 :WO 2012/009086	(72)Name of Inventor: 1)MAO Saijun 2)LIU Yunfeng
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	3)YUAN Xiaoming 4)ZHANG Yingqi 5)BECKER Charles Adrian 6)FEI Junhui 7)WANG Jian

(57) Abstract:

A system having an alternating current (AC) driven LED unit (16) an AC voltage regulator (14) and a controller (13) is provided. The AC driven LED unit includes a first LED (162) and a second LED (164) coupled in reverse parallel. The AC voltage regulator is operable to receive AC voltage originating from an AC voltage source (12) regulate the AC voltage according to control signals (136) from the controller and apply regulated AC voltage to the AC driven LED unit so as to enable the first LED and the second LED to emit light according to the regulated AC voltage. In addition a method is provided for driving the LED by regulating the AC voltage. By regulating the AC voltage regulator benefits of restraining voltage fluctuations reducing THD improving power factor providing dimming control and mitigating flicker phenomenon can be achieved.

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

(21) Application No.1546/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: QUINOLINE DERIVATIVES AND MELK INHIBITORS CONTAINING THE SAME

(51) International classification	:A01N43/42,A61K31/47	(71)Name of Applicant:
(31) Priority Document No	:61/369519	1)ONCOTHERAPY SCIENCE INC.
(32) Priority Date	:30/07/2010	Address of Applicant :2 1 Sakado 3 Chome Takatsu Ku
(33) Name of priority country	:U.S.A.	Kawasaki shi Kanagawa 2130012 Japan
(86) International Application No	:PCT/US2011/045792	(72)Name of Inventor:
Filing Date	:28/07/2011	1)MATSUO Yo
(87) International Publication No	:WO 2012/016082	2)HISADA Shoji
(61) Patent of Addition to Application	:NA	3)NAKAMURA Yusuke
Number	:NA	4)AHMED Feryan
Filing Date	.IVA	5)HUNTLEY Raymond
(62) Divisional to Application Number	:NA	6)WALKER Joel R.
Filing Date	:NA	7)DECORNEZ Helene

(57) Abstract:

The present invention directs a compound represented by formula (I).

No. of Pages: 692 No. of Claims: 25

(21) Application No.1547/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: PROCESS FOR PRODUCING BASE GLASS MATERIAL

(51) International classification	:C03B8/04,C03B37/018	(71)Name of Applicant:
(31) Priority Document No	:2010210762	1)SUMITOMO ELECTRIC INDUSTRIESLTD.
(32) Priority Date	:21/09/2010	Address of Applicant :5 33 Kitahama 4 chome Chuo ku Osaka
(33) Name of priority country	:Japan	shi Osaka 5410041 Japan
(86) International Application No	:PCT/JP2011/069026	(72)Name of Inventor:
Filing Date	:24/08/2011	1)ISHIHARA Tomohiro
(87) International Publication No	:WO 2012/039227	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A process for producing a base glass material is provided in which the efficiency of adhesion of produced fine glass particles to a starting rod or to a mass of accumulated fine glass particles can be improved. In the process for producing a base glass material the temperature of SiCl which is a raw material gas is regulated to 100°C or higher to grow fine glass particles to an average outer diameter of 90 nm or more in a flame from a burner for producing fine glass particles before the fine glass particles are deposited on a starting glass rod (13).

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

(21) Application No.1607/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/02/2013 (43)

(43) Publication Date: 17/10/2014

(54) Title of the invention : COOLING MEDIUM DISCHARGE STRUCTURE FOR ELECTRIC MOTOR AND ELECTRIC MOTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H02K9/19,H02K5/20 :2011055737 :14/03/2011 :Japan :PCT/JP2012/056030 :08/03/2012 :WO 2012/124611 :NA :NA	(71)Name of Applicant: 1)KOMATSU LTD. Address of Applicant: 2 3 6 Akasaka Minato ku Tokyo 1078414 Japan (72)Name of Inventor: 1)MATSUKI Yasuhiko 2)MINAMIURA Akira
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The purpose of the present invention is when cooling an electrical motor using a cooling medium to reduce the cooling medium that accumulates inside the housing of the electrical motor and is not discharged therefrom. To achieve this purpose an electrical motor (1) includes the following: a first discharge port (27) which is provided in a first flange (65) of a housing (6) and which allows a cooling medium to pass therethrough; a second discharge port (30) which is provided in the first flange (65) and which allows the cooling medium inside the housing (6) that has passed by a bearing (7B) to pass therethrough; and a discharge passage (32) for discharging to the outside of the housing (6) the cooling medium that has passed through the first discharge port (27) and the second discharge port (30).

No. of Pages: 49 No. of Claims: 10

(21) Application No.11253/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention : CLONING AND EXPRESSION OF THE GENES ENCODING KEY CLOSTRIDIAL CATALYZING MECHANISMS FOR SYNGAS TO ETHANOL PRODUCTION AND FUNCTIONAL CHARACTERIZATION THEREOF

(51) International classification :C12N15/53,C12N15/63,C12N15/113

(31) Priority Document No :12/802560 (32) Priority Date :09/06/2010 (33) Name of priority :U.S.A.

country (86) International

Application No :PCT/US2010/043962

Filing Date :30/07/2

(87) International Publication No :WO 2011/155954

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

(71)Name of Applicant : 1)COSKATA INC.

Address of Applicant :4575 Weaver Parkway Suite 150

Warrenville IL 60555 U.S.A. (72)Name of Inventor:

1)REEVES Andrew 2)DATTA Rathin

(57) Abstract:

Gene sequences of key acetogenic clostridial species were sequenced and isolated. Genes of interest were identified and functionality was established. Key genes of interest for metabolic catalyzing activity in clostridial species include a three gene operon coding for CODH activity a two gene operon coding for PTA ACK and a novel acetyl coenzyme A reductase. The promoter regions of the two operons and the acetyl coA reductase are manipulated to increase ethanol production.

No. of Pages: 56 No. of Claims: 21

(19) INDIA

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention : MINIMIZING CLOSING REBOUNDING OF AN ARMATURE BY A DELAY ELEMENT IN THE RESIDUAL AIR GAP

(51) International classification: H01F7/16,F02M63/00,F16K31/06 (71) Name of Applicant: (31) Priority Document No 1)ROBERT BOSCH GMBH :102010030600.2 (32) Priority Date Address of Applicant :Postfach 30 02 20 70442 Stuttgart :28/06/2010 (33) Name of priority country :Germany (86) International Application (72)Name of Inventor: :PCT/EP2011/058405 1)LEISTER Jens :24/05/2011 Filing Date 2)HORN Matthias (87) International Publication 3)RETTICH Andreas :WO 2012/000721 No 4)HOFFMANN Florian (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The invention relates to a solenoid valve 1 having a group 2 of magnets a magnet coil 5 and a magnet core comprising a magnet core internal pole 3 and a magnet core external pole 4 and having an armature plate 7 7 and also an armature pin and also having a stop which is formed by a residual air gap in the region of an end face of the magnet core wherein there is also a residual air gap between the armature and the group of magnets. According to the invention closing rebounding of the armature is minimized in the solenoid valve 1. This is achieved by the residual air gap 18 between the magnet core external pole 4 and the outside diameter of the armature plate 7 being closed in the radial direction.

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

(21) Application No.11255/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: IRON COPPER COMPOSITIONS FOR FLUID PURIFICATION

(51) International classification :B01D15/00,B01J20/02,C22C33/02

(31) Priority Document No :10508059 (32) Priority Date :15/07/2010

(33) Name of priority country: Sweden (86) International Application: PCT/EP2011/062060

No :14/07/2011

Filing Date

(87) International Publication :WO 2012/007550

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

Filing Date
(62) Divisional to Application
Number
:NA

Filing Date

(71)Name of Applicant :

1)H-GAN,,S AB

Address of Applicant :Bruksgatan 35 S 263 83 Hgans Sweden

(72)Name of Inventor: 1)GORE Avinash

2)HU Bo 3)LUK Sydney

(57) Abstract:

The present invention concerns a filtering medium a method for the production thereof the use of said filtering medium and a method for reducing the content of multiple contaminants simultaneously in fluids by means of said filtering medium through a physical barrier a chemical process or biological process wherein said filtering medium consists of or comprises at least one of the following: a mixture (A) containing a major part of an iron based powder and a minor part of a copper based powder an iron copper powder alloy (B) and an iron based porous and permeable composite containing copper (C).

No. of Pages: 37 No. of Claims: 30

(19) INDIA

(22) Date of filing of Application :27/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention : SINGLE CHAIN INSULIN AGONISTS EXHIBITING HIGH ACTIVITY AT THE INSULIN RECEPTOR

(51) International classification :C07K14/62,A61K38/00 (71)Name of Applicant : (31) Priority Document No 1)INDIANA UNIVERSITY RESEARCH AND :61/355366 (32) Priority Date TECHNOLOGY CORPORATION :16/06/2010 (33) Name of priority country :U.S.A. Address of Applicant :351 West 10th Street Indianapolis IN (86) International Application No :PCT/US2011/040699 46206 U.S.A. Filing Date :16/06/2011 (72)Name of Inventor: (87) International Publication No :WO 2011/159895 1)DIMARCHI Richard D. (61) Patent of Addition to Application 2)AZRIEL Julia :NA Number 3)KAUR Zach :NA Filing Date 4)MEYERS Jonathan (62) Divisional to Application Number :NA 5)PARODY Todd Filing Date :NA 6)ZHAO Yan

(57) Abstract:

Single chain insulin analogs are provided having high potency and specificity for the insulin receptor. As disclosed herein optimally sized linking moieties can be used to link human insulin A and B chains or analogs or derivatives thereof wherein the carboxy terminus of the B25 amino acid of the B chain is linked to the amino terminus of the Al amino acid of the A chain via the intervening linking moiety. In on embodiment the linking moiety comprises a polyethylene glycol of 6 16 monomer units and in an alternative embodiment the linking moiety comprises a non native amino acid sequence derived form the IGF 1 C peptide and comprising at least 8 amino acids and no more than 12 amino acid in length. Also disclosed are prodrug and conjugate derivatives of the single chain insulin analogs.

No. of Pages: 335 No. of Claims: 63

(21) Application No.1609/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: ENGINE CONTROL DEVICE OF WORK MACHINE AND ENGINE CONTROL METHOD **THEREOF**

(51) International :F02D29/06,F02D29/00,F02D45/00 classification

(31) Priority Document No :2011111389

:18/05/2011 (32) Priority Date (33) Name of priority country: Japan

(86) International Application :PCT/JP2012/060259

No :16/04/2012

Filing Date

(87) International Publication :WO 2012/157381

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

Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

(71)Name of Applicant: 1)KOMATSU LTD.

Address of Applicant: 2 3 6 Akasaka Minato ku Tokyo

1078414 Japan

(72)Name of Inventor:

1)KAWAGUCHI Tadashi 2)MURAKAMI Kentaro 3)MORINAGA Jun

(57) Abstract:

In the present invention in order to sufficiently secure the responsiveness of a work machine by means of an effect of assisting an engine by means of a generator while increasing fuel efficiency and pumping efficiency it is determined that an assist is necessary when the deviation (n) between a target matching rotational frequency (np1) and a current engine rotational frequency (n) has become at least a predetermined value for a predetermined period (T1) after the point in time (t1) at which it has been determined that an assist is necessary a target assist rotational frequency (AN) is set to a high rotation target matching rotational frequency (hAN) that is greater than the target matching rotational frequency (np1) and then is set to a target assist rotational frequency (AN) that gradually approaches the target matching rotational frequency (np1) and the engine rotational frequency (n) is controlled by an assist torque command value being output to the generator that assists the output of the engine in a manner so that the engine rotational frequency (n) becomes the target assist rotational frequency (AN).

No. of Pages: 80 No. of Claims: 8

(19) INDIA

(22) Date of filing of Application :31/12/2012

(21) Application No.11434/DELNP/2012 A

(43) Publication Date: 17/10/2014

(54) Title of the invention: DATA TRANSMISSION SECURITY IMPROVEMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H04N1/44 :1010735.7 :25/06/2010 :U.K. :PCT/IB2011/052799 :24/06/2011 :WO 2011/161660	(71)Name of Applicant: 1)OMARCO NETWORK SOLUTIONS LIMITED Address of Applicant: First Floor Millennium House Victoria Road Douglas IM2 4RW U.K. (72)Name of Inventor: 1)OMAR Ralph Mahmoud
(61) Patent of Addition to Application	:WO 2011/161660 :NA	
Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method of securely transmitting communication information from a first terminal operating in a first coordinate measurement domain to a second remotely located terminal operating in a second coordinate measurement domain is described.tHE method comprises:combining the communication information with extraneous information to create a data signal; determining a value of an identification variable expressed with respect to the first coordinate measurement domain the identification variable value enabling the location of the communication information concealed within the data signal to be determined; transmitting the data signal and the identification variable value from the first terminal to the second terminal; using a coordinate transform function configured to map coordinate values from the first coordinate measurement domain to the second coordinate measurement domain to calculate a value of the received identification variable expressed with respect to the second coordinate measurement domain; and extracting the information from the received data signal using the calculated identification variable value to distinguish the communication information from the extraneous information.

No. of Pages: 36 No. of Claims: 32

(21) Application No.11435/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: OPENING/CLOSING MECHANISM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06F1/16,E05D15/10,E05F11/44 :2010156781 :09/07/2010 :Japan	(71)Name of Applicant: 1)MITSUBISHI STEEL MFG. CO.LTD. Address of Applicant: 2 22 Harumi 3 chome Chuo ku Tokyo 1048550 Japan
(86) International Application No Filing Date (87) International Publication	:PCT/JP2011/065036 :30/06/2011 :WO 2012/005162	(72)Name of Inventor: 1)MITSUI Yasuhiro
No (61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The disclosed opening/closing mechanism enables a first casing and a second casing to open to a so called fully flat state and is provided with: a fixed plate that is affixed to the first casing; a mobile plate that is affixed to the second casing; an intermediate member that is slidably connected to the aforementioned fixed plate with a first sliding mechanism therebetween; a sliding member that is connected slidably to said intermediate member with a second sliding mechanism therebetween; and a raising/lowering mechanism that raises/lowers the aforementioned mobile plate with respect to the aforementioned sliding member.

No. of Pages: 52 No. of Claims: 6

(19) INDIA

(22) Date of filing of Application :31/12/2012

(21) Application No.11436/DELNP/2012 A

(43) Publication Date: 17/10/2014

(54) Title of the invention: SLIDING DEVICE FOR ELECTRONIC APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04M1/02 :2010157780 :12/07/2010 :Japan :PCT/JP2011/065780 :11/07/2011 :WO 2012/008403 :NA :NA	(71)Name of Applicant: 1)MITSUBISHI STEEL MFG. CO.LTD. Address of Applicant: 2 22 Harumi 3 chome Chuo ku Tokyo 1048550 Japan (72)Name of Inventor: 1)MITSUI Yasuhiro
e e	:NA :NA	

(57) Abstract:

The present invention relates to a sliding device for an electronic apparatus in which a secondary body portion can be slid with respect to a main body portion; wherein the sliding device contains a substrate which has a plane extending longitudinally and which has a left end portion and a right end portion on both of the sides respectively of a width direction which is perpendicular to the longitudinal direction and to the front and back direction of the plane; a pair of left and right intermediary plates coupled so as to be longitudinally slidable through first sliding mechanisms with respect to each of the left end portion and the right end portion respectively; and a sliding plate coupled so as to be longitudinally slidable through second sliding mechanisms to the pair of left and right intermediary plates. In addition the first sliding mechanisms and/or the second sliding mechanisms are provided with sliding members that extend in the longitudinal direction and supporting slide destination members toward which the sliding members are slidable from both sides of the front and back direction and both sides of the width direction.

No. of Pages: 52 No. of Claims: 7

(21) Application No.1612/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: CRIMPED END WRAPPED ON PIPE WELL SCREEN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:05/08/2011 :WO 2012/021397 :NA :NA	(71)Name of Applicant: 1)HALLIBURTON ENERGY SERVICES INC. Address of Applicant: 10200 Bellaire Blvd. Houston Texas 77072 U.S.A. (72)Name of Inventor: 1)CUNNINGHAM Gregory Scott 2)LOPEZ Jean Marc
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A well screen is constructed by positioning a crimp ring encircling and over an end of a wrapped on pipe screen layer on a tubular base pipe. The crimp ring is plastically deformed about an outer surface of the screen layer. A bead of weld is applied to affix the crimp ring to the base pipe.

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

(19) INDIA

(22) Date of filing of Application :27/12/2012

(21) Application No.11304/DELNP/2012 A

(43) Publication Date: 17/10/2014

(54) Title of the invention: TYRE CAGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:18/05/2011 : NA :NA :NA	(71)Name of Applicant: 1)NORTON-SMITH TAMMY LEE Address of Applicant: 11 Dundee Courtm Duncraig Western Australia 6023 Australia (72)Name of Inventor: 1)NORTON-SMITH David
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A tyre cage (40) comprising a mounting member (42) and a plurality of arms (44) the mounting member (42) describes a plane and the arms have at least a portion of which extend away from that plane whereby a tyre (24) may be at least partially enveloped by the mounting member (42) and arms (44) in combination.

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

(21) Application No.11305/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 27/12/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention : METHOD FOR PRODUCING CATALYST COMPOSITION CATALYST COMPOSITION DIESEL PARTICULATE FILTER USING THE SAME AND EXHAUST GAS PURIFICATION SYSTEM

(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:2010-176573	1)DOWA ELECTRONICS MATERIALS CO. LTD.
(32) Priority Date	:05/08/2010	Address of Applicant :14-1 Soto-Kanda 4-chome Chiyoda-
(33) Name of priority country	:Japan	ku Tokyo 101-0021 Japan
(86) International Application No	:PCT/JP2011/060693	(72)Name of Inventor:
Filing Date	:10/05/2011	1)MICHIAKI Yoshiyuki
(87) International Publication No	: NA	2)HONDA Takuma
(61) Patent of Addition to Application	:NA	3)HAMADA Shin
Number	*	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1 4		·

(57) Abstract:

Provided is a catalyst having the ability to combust PM at relatively low temperatures and having high HC and CO removal (conversion) efficiency even at the above operating temperature. In the catalyst composition at least one kind of platinum group element selected from Pt Rh and Pd is dispersed in and supported by a platinum group-supporting carrier containing at least one kind of element selected from Zr Al Y Si Bi Pr and Tb and the platinum group-supporting carrier is supported on the surface of a Ce oxide containing Ce as an essential component. The catalyst composition has both PM combustion activity and gas purification activity.

No. of Pages: 70 No. of Claims: 10

(21) Application No.11306/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: 1 HYDROXYIMINO 3 PHENYL PROPANES

(51) International

:C07C251/48,C07D213/53,C07D213/55 classification

(31) Priority Document

:10169293.7

(32) Priority Date :12/07/2010

(33) Name of priority country

:EPO

:NA

(86) International

:PCT/EP2011/061577

Application No Filing Date

:08/07/2011

(87) International

:WO 2012/007365

Publication No

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

Filing Date

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

Filing Date

(71)Name of Applicant:

1)F. HOFFMANN LA ROCHE AG

Address of Applicant: Grenzacherstrasse 124 CH 4070 Basel

Switzerland

(72)Name of Inventor:

1)BISSANTZ Caterina

2)DEHMLOW Henrietta

3) ERICKSON Shawn David

4)KIM Kyungjin

5)MARTIN Rainer E.

6)MATTEI Patrizio

7)OBST SANDER Ulrike

8)PIETRANICO COLE Sherrie Lynn

9)RICHTER Hans

10)ULLMER Christoph

(57) Abstract:

This invention relates to novel 1 hydroxyimino 3 phenyl propanes of the formula (I) wherein R to R are as defined in the description and in the claims as well as pharmaceutically acceptable salts thereof. These compounds are GPBAR1 agonists and may be used as medicaments for the treatment of diseases such as type II diabetes.

No. of Pages: 445 No. of Claims: 25

(19) INDIA

(22) Date of filing of Application :28/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: NEW AZACYCLIC COMPOUNDS

(51) International :C07D471/10,A61K31/435,A61P3/00 classification

(31) Priority Document No :10169352.1

(32) Priority Date :13/07/2010 (33) Name of priority

:EPO country

(86) International :PCT/EP2011/061579

Application No :08/07/2011 Filing Date

(87) International :WO 2012/007367 Publication No

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

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

(71)Name of Applicant:

1)F. HOFFMANN LA ROCHE AG

(21) Application No.11307/DELNP/2012 A

Address of Applicant: Grenzacherstrasse 124 CH 4070 Basel

Switzerland

(72)Name of Inventor: 1)ACKERMANN Jean 2)CONTE Aurelia 3)HUNZIKER Daniel 4)NEIDHART Werner

5)NETTEKOVEN Matthias 6)SCHULZ GASCH Tanja

7) WERTHEIMER Stanley

(57) Abstract:

The invention provides novel compounds having the general formula (I) wherein R R R and A are as described herein compositions including the compounds and the compounds for use as inhibitors of hormone sensitive lipase.

No. of Pages: 41 No. of Claims: 23

(21) Application No.1626/DELNP/2013 A

(19) INDIA

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

(43) Publication Date: 17/10/2014

(54) Title of the invention : SILICA BASED MATERIAL MANUFACTURING PROCESS THEREFOR NOBLE METAL CARRYING MATERIAL AND CARBOXYLIC ACID MANUFACTURING PROCESS USING SAME AS CATALYST

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	n:C01B33/26,B01J23/60,B01J23/89 :NA :NA :NA :PCT/JP2010/066084 :16/09/2010	(71)Name of Applicant: 1)Asahi Kasei Chemicals Corporation Address of Applicant: 1 105 Kanda Jinbocho Chiyoda ku Tokyo 1018101 Japan (72)Name of Inventor: 1)SUZUKI Ken 2)YAMAGUCHI Tatsuo
(87) International Publication No	:WO 2012/035637	3)IITSUKA Chihiro
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A silica based material which contains silicon aluminum at least one fourth period element selected from the group consisting of iron cobalt nickel and zinc and at least one basic element selected from the group consisting of alkali metal elements alkaline earth metal elements and rare earth elements respectively in amounts of 42 to 90mol% 3 to 38mol% 0.5 to 20mol% and 2 to 38mol% relative to the total molar amount of the silica the aluminum and the fourth period element and the basic element.

No. of Pages: 145 No. of Claims: 14

(21) Application No.1627/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD AND ARRANGEMENT FOR DE ICING A STRUCTURAL ELEMENT

(51) International classification (31) Priority Document No	:B64D15/16,F03D1/06,F03D3/06 :NA	(71)Name of Applicant: 1)SAAB AB
(32) Priority Date	:NA	Address of Applicant : S 581 88 Linkping Sweden
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No Filing Date	:PCT/SE2010/051041 :28/09/2010	1)FIGUEROA KARLSTR-M Eduardo
(87) International Publication No	:WO 2012/044213	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a de icing arrangement for de icing a structural element {170; 270; 370}. The structural element could be made of a whole polymeric or metallic material. The arrangement comprises a power source (250) being electrically connected to an electrode configuration (200) said power source is arranged to when applicable electrically charge said electrode configuration (200). The electrode configuration (200) is arranged to generate an impulsive force (Fn) for removal of ice adhered on said structural element (170; 270; 370). The invention relates to a method for de icing a structural element. The invention also relates to a computer programme and a computer programme product. The invention also relates to a platform carrying the arrangement.

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

(19) INDIA

(22) Date of filing of Application :28/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: GUY ANCHOR REINFORCEMENT

(51) International classification	:E04H12/20	(71)Name of Applicant :
(31) Priority Document No	:61/361900	1)AMERICAN TOWER CORPORATION
(32) Priority Date	:06/07/2010	Address of Applicant :116 Huntington Avenue Boston
(33) Name of priority country	:U.S.A.	Massachusetts 02116 U.S.A.
(86) International Application No	:PCT/US2011/033283	(72)Name of Inventor:
Filing Date	:20/04/2011	1)REYES Jaime
(87) International Publication No	:WO 2012/005792	2)YOU Hanming
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A reinforcing system for a guy anchor (100) used in a guyed or additionally guyed tower includes a concrete structure (210) formed around the guy anchor (100). The concrete structure (210) has a top surface (21 Of) slightly above grade level. The reinforcing system further includes a supplemental anchor shaft (220). The supplemental anchor shaft (220) is attached to the existing anchor head (1 14) and extends down into the concrete structure (210) where it is retained and encased therein. The concrete structure (210) preferably has a base (210a) and at least one wall (e.g. 210b 210c) that extends down from the base and has a surface that faces the tower to resist horizontal forces. The reinforcing system is sufficiently strong to keep the guy anchor (100) in place even if the original anchor shaft (1 16) completely corrodes. The supplemental anchor shaft (220) does not generally come into contact with soil. It therefore resists corrosion and is expected to provide a long service life.

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

(19) INDIA

(22) Date of filing of Application :28/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: MODULAR GUY ANCHOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:E02D5/80 :61/363646 :13/07/2010 :U.S.A. :PCT/US2011/033278 :20/04/2011 :WO 2012/009036 :NA :NA	(71)Name of Applicant: 1)AMERICAN TOWER CORPORATION Address of Applicant: 116 Huntington Avenue Boston Massachusetts 02116 U.S.A. (72)Name of Inventor: 1)REYES Jaime 2)YOU Hanming 3)ARTISTA Hernando
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.11326/DELNP/2012 A

(57) Abstract:

A modular guy anchor (200) includes an anchor head (210) and an anchor shaft (212). The anchor head (210) includes a tubular region for receiving the anchor shaft (212). The anchor shaft (212) has one end that extends into or through the tubular region and is retained therein. The anchor shaft (212) is preferably galvanized steel coated over at least a portion of its length with a corrosion resistant material. The corrosion resistant material is preferably applied over any portion of the anchor shaft (212) that is exposed to soil during normal use. The modularity of the guy anchor (200) facilitates stocking shipping and installation while the corrosion resistance of the anchor shaft (212) promotes longevity.

No. of Pages: 24 No. of Claims: 35

(21) Application No.117/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: ANTHRANILAMIDES IN COMBINATION WITH FUNGICIDES

(51) International classification :A01N43/56,A01N43/653,A01N43/713

(31) Priority Document :10168700.2

No

(32) Priority Date :07/07/2010

(33) Name of priority country :EPO

(86) International

Application No :PCT/EP2011/061213

Filing Date :04/07/2011

(87) International :WO 2012/004221

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

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

(71)Name of Applicant:

1)BAYER INTELLECTUAL PROPERTY GMBH

Address of Applicant : Alfred Nobel Strasse 10 40789

Monheim Germany

(72)Name of Inventor: 1)FUNKE Christian

2)HUNGENBERG Heike 3)FISCHER R¹/₄diger

(57) Abstract:

The present invention relates to novel active substance combinations which are composed of the insecticidally active Compounds of the formula (I) in combination with fungicidal active substances (P) and which are highly suitable for Control ling undesirable animal pests such as insects and undesirable phytopathogenic fungi.

No. of Pages: 100 No. of Claims: 15

(21) Application No.1514/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : COMPOSITIONS COMPRISING PAULWNIN AND/OR PAULOWNIA EXTRACTS AND USES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61K8/97 :12/859323 :19/08/2010 :U.S.A. :PCT/US2011/048077 :17/08/2011 :WO 2012/024395 :NA :NA	(71)Name of Applicant: 1)JOHNSON & JOHNSON CONSUMER COMPANIES INC. Address of Applicant: Grandview Road Skillman NJ 08558 U.S.A. (72)Name of Inventor: 1)KAUR Simarna 2)MAHMOOD Khalid 3)SALIOU Claude 4)SOUTHALL Michael
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

PaulowniaProvided are compositions comprising botanical extracts from certain species of the genus methods of lightening the skin therewith and other uses thereof. Also provided are compositions comprising the compound paulownin methods of lightening the skin therewith and other uses thereof.

No. of Pages: 69 No. of Claims: 31

(19) INDIA

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: POROUS DEGRADABLE POLYELECTROLYTE MICROSPHERES AS VACCINE VECTOR

classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to	U.K. PCT/EP2011/064507 24/08/2011 WO 2012/025551 NA NA	(71)Name of Applicant: 1)UNIVERSITEIT GENT Address of Applicant: Sint Pietersnieuwstraat 25 B 900 Gent Belgium (72)Name of Inventor: 1)REMON Jean Paul 2)DE GEEST Bruno 3)DE KOKER Stefaan 4)GROOTEN Johan 5)VERVAET Chris
Application Number	NA NA	

(57) Abstract:

The present invention discloses a composition comprising a polyelectrolyte complex and a polyol characterised in that said polyol is in amorphous form. Optionally the composition further comprises one or more drugs wherein each drug has a molecular weight of at least 1000 Dalton. Said compositions are obtainable by spray drying. The compositions may be prepared in particle form and as a suspension of particles. Pharmaceutical compositions are also provided for use in extracellular drug delivery. Pharmaceutical compositions are also provided that exhibit a controlled dual drug release.

No. of Pages: 49 No. of Claims: 18

(21) Application No.1516/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: METHOD AND DEVICE FOR INSPECTING A THREADING OF A TUBULAR CONNECTION USED IN THE OIL INDUSTRY

(51) International classification :G01B3/16,G01B3/26,G01B3/48 (71) Name of Applicant:

(31) Priority Document No :10/03414 (32) Priority Date :20/08/2010

(33) Name of priority country :France

(86) International Application No:PCT/EP2011/064236

Filing Date :18/08/2011

(87) International Publication No: WO 2012/022787

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

(62) Divisional to Application :NA

Number :NA Filing Date

1)VALLOUREC MANNESMANN OIL & GAS FRANCE

Address of Applicant :54 rue Anatole France F 59620 Aulnoye

Avmeries France

2)NIPPON STEEL & SUMITOMO METAL

CORPORATION (72)Name of Inventor: 1)DURIVAULT Jr'me 2)CROSS Nigel 3)PEUCHOT Florian

(57) Abstract:

The invention concerns a device (9) for inspecting the width of the thread roots (3; 4) of a tubular component for the exploration or working of hydrocarbon wells comprising two arms (91 92) each provided with a first (912 922) and a second (910 920) end the first ends (912 922) being connected together by means of a deformable portion (95) allowing an angular displacement (e) between the second ends (910 920) the second ends (910 920) each carrying a contact element (930 940) and the inspection device further comprising means (90) for determining the angular displacement (e). The invention also concerns a method for inspecting said threading.

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

(21) Application No.1517/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: IMPROVED ALKYLATION PROCESS

(51) International :C07C2/66,C07C15/073,C07C15/085 classification

(31) Priority Document No :61/378262 :30/08/2010 (32) Priority Date (33) Name of priority

:U.S.A. country

(86) International

:PCT/US2011/044371 Application No

:18/07/2011 Filing Date

(87) International

:WO 2012/030440 Publication No

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

(71)Name of Applicant:

1)EXXONMOBIL CHEMICAL PATENTS INC.

Address of Applicant: A Corporation of the State of Delaware 5200 Bayway Drive Baytown TX 77520 2101 U.S.A.

2)STONE & WEBSTER PROCESS

(72)Name of Inventor:

1)VINCENT Matthew J.

2)NANDA Vijay 3)MAERZ Brian

4)BHANDARKAR Maruti

(57) Abstract:

The present invention provides an improved process for the catalytic conversion of a feedstock comprising an alkylatable aromatic compound and an alkylating agent to form a conversion product comprising the desired alkylaromatic compound by contacting said feedstock in at least partial liquid phase under catalytic conversion conditions with a catalyst composition comprising a porous crystalline material having a structure type of FAU BEA or MWW or a mixture thereof wherein the porous crystalline material has a Relative Activity measured at 220°C as an RA of at least 7.5 or measured at 180°C as RA of at least 2.5 allowing operation at lower reaction pressures e.g. a reaction pressure of about 450 psig (3102 kPa) or less and lower alkylating agent feed supply pressure of 450 psig (3102 kPa) or less.

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

(40) Pipi

(21) Application No.1518/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: TAPE APPLICATOR

(51) International classification	:H01L21/67,H01L31/18	(71)Name of Applicant :
(31) Priority Document No	:61/375733	1)FIRST SOLAR INC.
(32) Priority Date	:20/08/2010	Address of Applicant :28101 Cedar Park Boulevard
(33) Name of priority country	:U.S.A.	Perrysburg OH 43551 U.S.A.
(86) International Application No	:PCT/US2011/048357	(72)Name of Inventor:
Filing Date	:19/08/2011	1)MALIK Richard S. Jr.
(87) International Publication No	:WO 2012/024556	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method of applying a strip of tape includes directing air pressure at a raised section of a conductor.

No. of Pages: 28 No. of Claims: 31

(21) Application No.1632/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: WIRE HARNESS PROTECTOR

(51) International classification :H02G3/04,B60R16/02 (71)Name of Applicant : (31) Priority Document No 1)SUMITOMO WIRING SYSTEMS LTD. :2010188317 (32) Priority Date :25/08/2010 Address of Applicant: 1 14 Nishisuehiro cho Yokkaichi shi (33) Name of priority country :Japan Mie 5108503 Japan (86) International Application No (72)Name of Inventor: :PCT/JP2011/058719 1)TAKAHASHI Yuten Filing Date :06/04/2011 (87) International Publication No :WO 2012/026155 2)SUDO Taiki (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Provided is a protector with a branching section wherein the upper face opening thereof can be easily closed without having a lid equipped therefor. The protector is provided with a trunk line insertion section and a branch line insertion section that protrudes from the circumferential edge of a branch line draw out opening which is formed on one side face or on both side faces of the trunk line insertion section at an intermediate position in the longitudinal direction thereof. Notches are formed on both side faces of the branch line insertion section at the circumferential edges of the branch line draw out opening from the upper ends thereof. Latching hooks formed in protrusion from an upper end of one side wall and latching holes that are formed on the other wall at positions facing the latching hooks and into which the latching hooks can be inserted and latched are formed on at least the side walls of the trunk line insertion section facing each other and these latching hooks and latching holes are formed with spaces interposed therebetween in the longitudinal direction of the trunk line insertion section. The protector is configured such that after making the trunk lines pass through the trunk line insertion section and making the branch lines pass through the branch line insertion section the latching hooks are inserted and latched into the latching holes to close the upper ends of both the side walls.

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

(21) Application No.11386/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: PROCESS FOR THE PREPARATION OF ENOLATE SALTS OF 4 FLUORO 2 HYDROXYMETHYLENE 3 OXO BUTYRATES

(51) International classification :C07C67/343,C07C69/716 (71)Name of Applicant :

(31) Priority Document No :10007208.1 (32) Priority Date :13/07/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/003445

Filing Date :11/07/2011 (87) International Publication No :WO 2012/007142

(61) Patent of Addition to Application :NA Number

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

1)LONZA LTD

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Switzerland

(72)Name of Inventor:

1)EICHENBERGER, MARTINA

2)HANSELMANN Paul

3)ZARAGOZA D-RWALD Florencio

(57) Abstract:

Enolate salts of 4 fluoro 2 hydroxymethylene 3 oxobutyrates of formula wherein R is C alkyl R and R are independently hydrogen or fluorine M is an alkali or alkaline earth metal and n is 1 or 2 are prepared from enolate salts of the corresponding 4 fluoro 3 oxobutyrates and carbon monoxide. The enolate salts of formula I can be alkylated or acylated to obtain the corresponding enol ethers and esters. The 4 fluoro 3 oxobutyrate starting material can be prepared from 1 1 difluoroethyl methyl ethers by SbF catalyzed fluoromethane elimination followed by halogen exchange with lithium chloride reacting the thus obtained fluoroacetyl chloride with ketene and quenching with the appropriate alcohol R OH.

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

(21) Application No.11388/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: EXHAUST GAS TREATMENT DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F01N3/20 :10 2010 025 880.6 :02/07/2010 :Germany :PCT/EP2011/060809 :28/06/2011 :WO 2012/000989 :NA :NA	(71)Name of Applicant: 1)EMITEC GESELLSCHAFT FR EMISSIONSTECHNOLOGIE MBH Address of Applicant: Hauptstrae 128 53797 Lohmar Germany 2)VOLKSWAGEN AG (72)Name of Inventor: 1)KRUSE Carsten 2)NAGEL Thomas 3)SPRUTE Jrg
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The invention relates to an exhaust gas treatment device (1) having an exhaust gas treatment component (2) through which flow can pass in a flow direction (3) from an inflow side (4) to an outflow side (5) wherein downstream of the outflow side (5) in the flow direction (3) there is provided a metering device (6) for metering reducing agent into the exhaust gas treatment device (1). The metering device (6) has a metering direction (7) which runs at least partially counter to the flow direction (3). The outflow side (5) of the exhaust gas treatment component (2) is spanned at least partially by a porous layer (8) and between the metering device (6) and the exhaust gas treatment component (2) there is a spacing (9) selected such that reducing agent (10) which is injected reaches the porous layer (8).

No. of Pages: 18 No. of Claims: 8

(21) Application No.1521/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: METHOD AND SYSTEM FOR CHANNEL RESERVATION

(51) International classification (31) Priority Document No :201010273910.9 (32) Priority Date :31/08/2010 (33) Name of priority country :China

(86) International Application No :PCT/CN2011/076188

Filing Date :23/06/2011 (87) International Publication No :WO 2012/028019

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

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

:H04W28/18,H04W28/26 (71)Name of Applicant : 1)ZTE CORPORATION

Address of Applicant :ZTE Plaza Keji Road South Hi Tech Industrial Park Nanshan District Shenzhen Guangdong 518057

(72)Name of Inventor:

1)LI Nan 2)SUN Bo 3)LV Kaiying 4)LI Feng 5)JIANG Jing

(57) Abstract:

Provided are a method and a system for channel reservation the method includes: a transmitting station transmits a request message for the channel reservation to a receiving station on a first amount of fundamental channels wherein the first amount is an integer that is greater than or equal to 1 and the fundamental channel is a minimum bandwidth channel defined in a system in which the transmitting station and the receiving station locate; the receiving station transmits an acknowledge message for the channel reservation to the transmitting station on a second amount of fundamental channels wherein the second amount is an integer that is greater than or equal to 1; and after receiving the acknowledge message for the channel reservation the transmitting station completes the channel reservation with the receiving station. With the present invention interferences caused by other transmitting stations can be avoided.

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

(19) INDIA

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : FOLDING LATERAL EXTENSION ADJOINING AT LEAST ONE LOADING SURFACE OF A CARGO CARRYING VEHICLE

(51) International classification :B60P1/00,B60P3/08,B60R3/00 (71)Name of Applicant : (31) Priority Document No 1)LOHR INDUSTRIE :10/03127 :26/07/2010 (32) Priority Date Address of Applicant :29 rue du 14 Juillet F 67980 (33) Name of priority country Hangenbieten France :France (86) International Application No :PCT/IB2011/053305 (72)Name of Inventor: Filing Date :25/07/2011 1)KLOTZ Martin (87) International Publication No :WO 2012/014144 (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The invention relates to a lateral extension (1) consisting of a plurality of preferably rectilinear individual rods (5) mounted so as to pivot freely at each of the ends thereof wherein the inner end attached to the vehicle is mounted onto a longitudinal structure (11) that is stationary relative to the loading bed and the outer end is mounted onto a rigid longitudinal bordering and linking element (10). The rods are supported by an adjacent planar bearing surface (13) on a portion of the length thereof said planar bearing surface being stationary relative to the loading bed and the remainder of the length of the rods projects toward the outside. The extension has a guard rail and is movable between an extended position in which said extension constitutes a surface (14) for supporting the passage of a pedestrian and a folded position in which it has a smaller width the transition between said two positions being carried out by a movement that comprises pivoting the assembly in a horizontal plane. Said invention is of interest to manufacturers of road and rail vehicles.

No. of Pages: 24 No. of Claims: 25

(21) Application No.11390/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: SIDE FRAME AND BOLSTER FOR A RAILWAY TRUCK AND METHOD FOR MANUFACTURING SAME

(51) International classification :B22C9/02,B22C9/10,B61F1/00 (71)Name of Applicant :

(31) Priority Document No :13/109866 (32) Priority Date :17/05/2011

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

(86) International Application No :PCT/US2012/037984 Filing Date :15/05/2012

(87) International Publication No: WO 2012/158713

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

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

1)NEVIS INDUSTRIES LLC

Address of Applicant: 2711 Centerville Road Suite 300 PMB

#232 Wilmington DE 19809 U.S.A.

(72)Name of Inventor: 1)GOTLUND Erick 2)MAKARY Vaughn 3)SALAMASICK Nick

(57) Abstract:

A method of manufacturing a side frame of a rail car where the side frame includes a pair of pedestals for mounting wheel sets includes providing a side frame pattern for forming a drag portion and a cope portion of a mold. Cores that define an interior region of a cast side frame are also provided. The side frame pattern and the cores are configured to constrain a spacing between the pair of pedestals to within about $\pm .038$ inches.

No. of Pages: 41 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :04/01/2013

(21) Application No.118/DELNP/2013 A

(43) Publication Date: 17/10/2014

(54) Title of the invention: FILTERING DEVICE FOR FLUIDS

(51) International

:B29C47/68,B29C47/08,B01D29/66

classification

(31) Priority Document No :A 1133/2010 :05/07/2010 (32) Priority Date

(33) Name of priority country: Austria

(86) International Application :PCT/AT2011/000288 :30/06/2011

Filing Date

(87) International Publication :WO 2012/003520

No

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

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

(71)Name of Applicant:

1)EREMA ENGINEERING RECYCLING MASCHINEN

UND ANLAGEN GESELLSCHAFT M.B.H.

Address of Applicant: Freindorf Unterfeldstrasse 3 A 4052

Ansfelden Austria

(72)Name of Inventor: 1)JOST Ernst

2)ARBEITHUBER Josef

3)HACKL Manfred

4)FEICHTINGER Klaus

(57) Abstract:

The invention relates to a filtering device for fluids, in particular thermoplastic plastics, comprising a screen carrier (2), which has a rotationally cylindrical outer surface (41) and which is rotatably mounted in a rotationally cylindrical opening (5) of a stationary housing (3), said opening being adapted to the circumference of the screen carrier. A number of screen nests (6) having filter arrangements (7) is formed in the screen carrier along the circumference of the screen carrier. According to the invention, the screen carrier (2) is penetrated by a rotationally cylindrical core part (1) and is rotatably mounted on said core part, wherein the core part (1) and the housing (3) are stationary and rotationally fixed relative to the rotatable screen carrier (2).

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

(19) INDIA

(22) Date of filing of Application :19/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHODS OF TREATING CELLULITE

(21) Application No.1519/DELNP/2013 A

(57) Abstract:

Provided are methods of treating cellulite the methods comprising applying to skin in need of cellulite treatment a composition comprising paulownia or an extract of paulowina wood.

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

(21) Application No.1634/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: IMPLANTABLE FASTENER CARTRIDGE HAVING A NON UNIFORM ARRANGEMENT

(51) International classification :A61B17/064,A61B17/072,A61B17/29

(31) Priority Document No :12/894338 (32) Priority Date :30/09/2010 (33) Name of priority :U.S.A.

country

(86) International Application No :PCT/US2011/053057

Filing Date :23/09/2011

(87) International Publication No :WO 2012/044550

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

(71)Name of Applicant:

1)ETHICON ENDO SURGERY INC.

Address of Applicant: 4545 Creek Road Cincinnati OH 45242

U.S.A.

(72)Name of Inventor:1)WIDENHOUSE Tamara2)SHELTON Frederick E.

(57) Abstract:

A fastener cartridge comprises a compressible collapsible and/or crushable cartridge body and fasteners embedded within the cartridge body which can be utilized to fasten tissue. In use the fastener cartridge can be positioned in first jaw of a surgical fastening device wherein the first jaw can be positioned opposite a second jaw or anvil. The anvil can be engaged with the fastener cartridge to compress collapse and/or crush the cartridge body and deform or otherwise deploy the fasteners contained therein. As the fasteners are deformed or deployed the fasteners can capture at least a portion of the cartridge body therein along with at least a portion of the tissue being fastened. The cartridge body can comprise a thickness which is not uniform thereacross. In at least one embodiment the fasteners can comprise different unformed heights and/or different formed heights.

No. of Pages: 320 No. of Claims: 19

(21) Application No.1635/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: COOLING STRUCTURE OF GENERATOR MOTOR AND GENERATOR MOTOR

(51) International classification :H02K9/19,H02K5/20,H02K7/14 (71)Name of Applicant: (31) Priority Document No :2011080711

(32) Priority Date :31/03/2011 (33) Name of priority country :Japan

(86) International Application :PCT/JP2012/057748

No :26/03/2012 Filing Date

(87) International Publication No:WO 2012/133305

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

:NA Number :NA Filing Date

1)KOMATSU LTD.

Address of Applicant : 2 3 6 Akasaka Minato ku Tokyo

1078414 Japan

(72)Name of Inventor: 1)SATOU Norihiko 2)SUGIMOTO Yukihiko

(57) Abstract:

The purpose of the present invention is to suppress insufficient cooling of a coil of a stator when a generator motor is cooled with a cooling medium. A cooling structure (100) of a generator motor has a circumferential rib (80) as a protruding part on a flange (12). Radially inward of a coil (24C) of a stator (24) the circumferential rib (80) is disposed at a position radially outward of a first bearing (50F) attached to an input/output shaft. Furthermore the circumferential rib (80) is disposed in at least some regions around a rotation center axis (Zr) of the input/output shaft.

No. of Pages: 61 No. of Claims: 7

(19) INDIA

(43) Publication Date: 17/10/2014

(21) Application No.10907/DELNP/2012 A

(22) Date of filing of Application: 14/12/2012

(54) Title of the invention: ELECTRONIC DEVICE HAVING A HOUSING MADE OF PROFILE MATERIAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10 2010 030 460.3 :24/06/2010 :Germany :PCT/EP2011/059043 :01/06/2011 :WO 2011/160929 :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor: 1)LIPPOK Ralf
Filing Date	:NA	

(57) Abstract:

The invention relates to an electronic device comprising an insertion housing (2) produced from a profile element having a closed cross section and comprising a first opening (3) and a second opening (4) a circuit board (5) having at least one electronic component (6) and a first closure element (11) wherein the first closure element (11) is disposed at the first opening (3) and wherein the first opening (3) lies in a plane (E) at an angle (a) to an direction of insertion (A) of the circuit board (5).

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

(21) Application No.1638/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 22/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: NOVEL ANTIGEN BINDING PROTEINS

:NA

(51) International (71)Name of Applicant: :C07K16/18,C12P21/08,C07H21/00 classification 1)GLAXOSMITHKLINE INTELLECTUAL PROPERTY (31) Priority Document No :61/379840 DEVELOPMENT LIMITED (32) Priority Date :03/09/2010 Address of Applicant :980 Great West Road Brentford (33) Name of priority country: U.S.A. Middlesex TW8 9GS U.K. (86) International Application :PCT/US2011/050322 (72)Name of Inventor: 1)CLARKE Neil James :02/09/2011 Filing Date 2)JOHANSON Kyung Oh (87) International Publication :WO 2012/031198 3)JONAK Zdenka Ludmila 4)TAYLOR Alexander H. (61) Patent of Addition to 5)HOPSON Christopher B. :NA **Application Number** 6)TRULLI Stephen H. :NA Filing Date 7)HASKOVA Zdenka (62) Divisional to Application :NA

(57) Abstract:

Filing Date

Number

The present disclosure relates to antigen binding proteins such as antibodies that bind to HER3 polynucleotides encoding such antigen binding proteins pharmaceutical compositions comprising said antigen binding proteins and methods of manufacture. The present disclosure also concerns the use of such antigen binding proteins in the treatment or prophylaxis of diseases associated with breast cancer ovarian cancer prostate cancer bladder cancer pancreatic gastric melanoma and other cancers that overexpress HER3.

8)LEE Judithann M.

9)WHITE John R.

10)XUE Yu

No. of Pages: 268 No. of Claims: 137

(43) Publication Date: 17/10/2014

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

(54) Title of the invention: ENGINE CONTROL DEVICE OF WORK MACHINE AND ENGINE CONTROL METHOD **THEREOF**

(51) International :F02D29/04,F02D29/00,F02D41/04 classification

(31) Priority Document No :2011111387

:18/05/2011 (32) Priority Date (33) Name of priority country: Japan

(86) International Application :PCT/JP2012/060380

No :17/04/2012 Filing Date

(87) International Publication :WO 2012/157387

(61) Patent of Addition to :NA

Application Number :NA Filing Date

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

(71)Name of Applicant: 1)KOMATSU LTD.

Address of Applicant: 2 3 6 Akasaka Minato ku Tokyo

1078414 Japan

(72)Name of Inventor:

1)KAWAGUCHI Tadashi

(21) Application No.1639/DELNP/2013 A

2)SUEHIRO Takao

3)MURAKAMI Kentaro

4)MORINAGA Jun

(57) Abstract:

(19) INDIA

In order to achieve both low fuel consumption and improved operability the present invention is provided with: a detection means that detects the operating state of a work machine; an unloaded maximum rotational frequency computation means that on the basis of the operating state computes an unloaded maximum rotational frequency (np2) which is the maximum rotational frequency that an engine can be raised to when the load of the work machine has been removed; a target matching rotational frequency computation means that on the basis of the operating state separately from the unloaded maximum rotational frequency computes a target matching rotational frequency (np1) which is the rotational frequency that the engine can be raised to when the load has been applied to the work machine; an engine target output computation means that on the basis of the operating state computes the maximum outputable engine target output (EL); and an engine control means that controls the engine rotational frequency between the unloaded maximum rotational frequency (np2) and the target matching rotational frequency (np1) and under the limit of the engine target output (EL).

No. of Pages: 73 No. of Claims: 7

(22) Date of filing of Application: 22/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: COOLING STRUCTURE OF GENERATOR MOTOR AND GENERATOR MOTOR

(51) International classification :H02K9/19,H02K5/20,H02K7/14 (71)Name of Applicant: (31) Priority Document No :2011080710

(32) Priority Date :31/03/2011 (33) Name of priority country :Japan

(86) International Application :PCT/JP2012/057747 No

:26/03/2012 Filing Date

(87) International Publication No:WO 2012/133304

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

Number :NA Filing Date

1)KOMATSU LTD.

Address of Applicant: 2 3 6 Akasaka Minato ku Tokyo

1078414 Japan

(72)Name of Inventor: 1)SATOU Norihiko 2)SUGIMOTO Yukihiko

(57) Abstract:

The purpose of the present invention is to suppress insufficient cooling of a scal of a stator when a generator motor is cooled with a cooling medium. A cooling structure (100) of a generator motor has a protruding part (60) on a first housing (11) that is part of a casing of the motor generator. The protruding part (60) protrudes towards a coil (24C) of a stator (24) from an inner surface (11Ia) of an end portion in the direction of a rotation center axis (Zr) of an input/output shaft thereby forming a coil end cooling medium passage (62) which is a passage for the cooling medium between the coil (14C) and the protruding part (60). The protruding part (60) is arranged around the rotation center axis (Zr).

No. of Pages: 53 No. of Claims: 6

(21) Application No.11297/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: HEAD RESTRAINT FOR A VEHICLE SEAT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10/06/2011 :WO 2011/154150 :NA :NA :NA	(71)Name of Applicant: 1)JOHNSON CONTROLS GMBH Address of Applicant: Industriestrasse 20 30 51399 Burscheid Germany (72)Name of Inventor: 1)FROTZ Thomas 2)QUANDT Denis
Filing Date	:NA	

(57) Abstract:

The invention relates to a head restraint (4) for a vehicle seat (1) wherein at least one first part (11) facing the head of the seat occupant can be moved linearly in the direction of the head of a seat occupant wherein during the relocating motion a relative motion between the first part (11) and a second part (12) of the head restraint arranged on a third part (13) occurs and a contact surface (11) of the first part (11) lies against a contact surface (12) of the second part (12) and a contact surface (11 12) is provided with a form fit element (14) in particular a toothing arrangement. The invention further relates to a method for adjusting a head restraint.

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

(22) Date of filing of Application :27/12/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention : FLUID DELIVERY DEVICE NEEDLE RETRACTION MECHANISMS CARTRIDGES AND EXPANDABLE HYDRAULIC FLUID SEALS

(51) International classification	:A61M5/20	(71)Name of Applicant :
(31) Priority Document No	:61/353004	1)VALERITAS INC.
(32) Priority Date	:09/06/2010	Address of Applicant :750 Route 202 South Suite 100
(33) Name of priority country	:U.S.A.	Bridgewater NJ 08807 U.S.A.
(86) International Application No	:PCT/US2011/039771	(72)Name of Inventor:
Filing Date	:09/06/2011	1)LEVESQUE Steven F.
(87) International Publication No	:WO 2011/156580	2)JENKINS Geoffrey H.
(61) Patent of Addition to Application	:NA	3)STANDLEY Robert L.
Number	:NA	4)JOHNSON Matthew P.
Filing Date	.IVA	5)DUBE Daniel A.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		<u> </u>

(57) Abstract:

A fluid delivery device includes an automatic needle retraction mechanism configured to automatically retract a delivery end of a needle into a housing. In one embodiment the needle assembly is configured to automatically withdraw the delivery end of the needle into the housing upon an actuator moving from the first position to the second position. In one embodiment the needle assembly is configured to automatically withdraw the delivery end of the needle into the housing upon decoupling a bottom surface of the housing from a skin surface.

No. of Pages: 75 No. of Claims: 70

(21) Application No.11299/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/12/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention: ADAPTIVE CONTROL OF A MACHINING PROCESS

(51) International classification	:B23Q15/12,B23F23/00,G05B19/416	(71)Name of Applicant: 1)THE GLEASON WORKS
(31) Priority Document No	:61/351635	Address of Applicant :1000 University Avenue P.O. Box
(32) Priority Date	:04/06/2010	22970 Rochester NY 14692 2970 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)MUNDT Eric G.
(86) International Application No Filing Date	:PCT/US2011/039211 :06/06/2011	2)CULBERT Richard F. Jr.
(87) International Publication No	:WO 2011/153520	
(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 determining a desired power level (P) as a function of relative tool to workpiece position thereby enabling adaptive control advantages that were previously inaccessible for machining such as bevel gear grinding from solid applications. Preferably set point power is expressed as a function of specific power (P) and roll position (Q) for a generated gear or as a function of specific power and plunge position for a non generated (i.e. Formate) gear. Specific power is defined and preferably remains as defined during machining even as process conditions vary during machining.

No. of Pages: 27 No. of Claims: 13

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: LENS WITH COMPOUND LINEAR CONVEX MENISCUS WALL

:NA

:NA

(51) International classification :G02B3/14,G02C7/08,G02C7/04 (71)Name of Applicant : (31) Priority Document No 1)JOHNSON & JOHNSON VISION CARE INC. :61/376426 (32) Priority Date :24/08/2010 Address of Applicant: 7500 Centurion Parkway Jacksonville (33) Name of priority country :U.S.A. FL 32256 U.S.A. (72)Name of Inventor: (86) International Application No:PCT/US2011/047909 1)PUGH Randall B. Filing Date :16/08/2011 (87) International Publication No: WO 2012/027156 2)OTTS Daniel B. (61) Patent of Addition to 3)TONER Adam :NA **Application Number** 4)KERNICK Edward R. :NA Filing Date 5)RIALL James Daniel

6)SNOOK Sharika

(57) Abstract:

Filing Date

Number

The present invention relates generally to an arcuate liquid meniscus lens with a meniscus wall. Some specific embodiments include a liquid meniscus lens with a meniscus wall essentially in the shape of a conical frustum combined with a segment of a torus convex to the optical axis. Embodiments may also include a lens of suitable size and shape for inclusion in a contact lens.

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

(62) Divisional to Application

(21) Application No.1644/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: MULTI OPERATIONAL MULTI DRILLING SYSTEM

(51) International classification :E21B15/02,E21B7/128 (71)Name of Applicant : (31) Priority Document No 1)MAGNUSON Christopher :61/403248 (32) Priority Date Address of Applicant: 8911 Cote Court Houston Texas 77064 :13/09/2010 (33) Name of priority country :U.S.A. :PCT/US2011/029426 (86) International Application No (72)Name of Inventor: Filing Date :22/03/2011 1)MAGNUSON Christopher (87) International Publication No :WO 2012/036763 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A system including a setback and racking system and a set of wellbay accesses at least a portion of the setback and racking system positioned at an elevation lower than the elevation of the wellbay accesses. A system including a centrally located setback and racking system a set of wellbay accesses and at least one peripheral skidding system wherein the setback and racking system is positioned at least partially below the elevation of the peripheral skidding system. A system including at least one peripheral skidding system and a set of wellbay accesses positioned along a wellbay access perimeter surrounding a central focus that is not an integral part of the peripheral skidding system. A method of drilling by aligning each of at least two drilling modules with a respective wellbay access via a peripheral skidding system and operating at least two drilling modules at least partially simultaneously.

No. of Pages: 42 No. of Claims: 47

(21) Application No.1589/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/02/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention: INGESTION ASSISTING OLEAGINOUS COMPOSITION FOR PERSONS HAVING DIFFICULTY SWALLOWING/MASTICATING AND FOOD FOR PERSONS HAVING DIFFICULTY SWALLOWING/MASTICATING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A23D9/007,A23L1/30 :2010195544 :01/09/2010 :Japan :PCT/JP2011/069894 :01/09/2011 :WO 2012/029902 :NA :NA	(71)Name of Applicant: 1)The Nisshin OilliO Group Ltd. Address of Applicant: 23 1 Shinkawa 1 chome Chuo ku Tokyo 1048285 Japan (72)Name of Inventor: 1)NODA Ryuuji 2)SANO Junya
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to: an ingestion assisting oleaginous composition that is for persons having difficulty swallowing/masticating and that is obtained by rapidly cooled mixing/kneading processing of a composition having an SFC of 3 18% in the range of 5 25°C and containing an oil and an emulsifier having an HLB value of 1 10; a food for persons having difficulty swallowing/masticating containing shredded or pulverized edible food and the ingestion assisting oleaginous composition for persons having difficulty swallowing/masticating; and a method that is for producing the food for persons having difficulty swallowing/masticating and that is characterized by mixing shredded or pulverized edible food with the ingestion assisting oleaginous composition that is for persons having difficulty swallowing/masticating and that is obtained by rapidly cooled mixing/kneading processing of a composition having an SFC of 3 18% in the range of 5 25°C and containing an oil and an emulsifier having an HLB value of 1 10. As a result it is possible to provide: an ingestion assisting oleaginous composition for persons having difficulty swallowing/masticating that can easily produce a food that persons having difficulty swallowing/masticating can easily consume; and a food for persons having difficulty swallowing/masticating that uses same.

No. of Pages: 60 No. of Claims: 22

(21) Application No.1646/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : REGENERATION CONTROL DEVICE FOR DIESEL PARTICULATE FILTER AND REGENERATION CONTROL METHOD THEREFOR

(51) International classification: F01N3/023,F01N3/02,F02D45/00 (71)Name of Applicant: (31) Priority Document No :2011148061 1)KOMATSU LTD. (32) Priority Date :04/07/2011 Address of Applicant: 2 3 6 Akasaka Minato ku Tokyo (33) Name of priority country 1078414 Japan :Japan (86) International Application (72)Name of Inventor: :PCT/JP2012/060269 1)NAKAZATO Tatsuro :16/04/2012 Filing Date 2)KAWAOKA Shuhei (87) International Publication :WO 2013/005464 No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

In order to prevent a drop in the filtering function of a diesel particulate filter from occurring the present invention is provided with a regeneration control unit which when the deposition amount of particulate matter deposited on a diesel particulate filter for eliminating the particulate matter from exhaust gas in an engine exceeds a predetermined value burns the deposited particulate matter to regenerate the diesel particulate filter. The regeneration control unit performs engine speed lower limit control for making the lower limit of the engine speed a predetermined value (Nth) or more in an automatic forced regeneration period (TA) and a continuation period (TB) after automatic forced regeneration to thereby increase the amount of flow of the exhaust gas to the diesel particulate filter and eliminate heat filled in the diesel particulate filter.

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

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: NOVEL PRODUCTION METHOD FOR ISOQUINOLINE DERIVATIVES AND SALTS THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D401/12 :2010189392 :26/08/2010 :Japan :PCT/JP2011/069187 :25/08/2011 :WO 2012/026529 :NA :NA :NA	(71)Name of Applicant: 1)KOWA CO. LTD. Address of Applicant: 6 29 Nishiki 3 chome Naka ku Nagoya shi Aichi 4608625 Japan (72)Name of Inventor: 1)GOMI Noriaki 2)OHGIYA Tadaaki 3)SHIBUYA Kimiyuki
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(57) Abstract:

The purpose of the invention is to provide a method capable of industrially producing compounds represented by formula (I) or salts thereof which are useful for preventing and treating cerebral vascular disorders such as cerebral infarction cerebral hemorrhage subarachnoid hemorrhage cerebral edema etc. and particularly for preventing and treating glaucoma without a negative impact on the environment and in high yields even when produced on a large scale. The method for producing compounds represented by formula (I) or salts thereof is characterized in comprising a process of reacting a compound represented by formula (II) or salt thereof with a compound represented by formula (II) in the presence of a base and at least one solvent selected from the group consisting of nitrile solvents amide solvents sulfoxide solvents and urea solvents.

No. of Pages: 68 No. of Claims: 18

(21) Application No.1653/DELNP/2013 A

(19) INDIA

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

(43) Publication Date: 17/10/2014

(54) Title of the invention: SURFACE SPATTERING DEVICE

(51) International

:B05B12/12,B41M3/00,B29C67/00

classification

(31) Priority Document No :10178353.8 :22/09/2010 (32) Priority Date

(33) Name of priority country: EPO

(86) International Application

:PCT/EP2011/066356

:20/09/2011 Filing Date

(87) International Publication

:WO 2012/038446

No

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

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(57) Abstract:

(71)Name of Applicant:

1)HEXAGON TECHNOLOGY CENTER GMBH

Address of Applicant: Heinrich Wild Strasse CH 9435

Heerbrugg Switzerland (72)Name of Inventor:

1)PETTERSSON Bo 2)SCHNEIDER Klaus 3)ZEBHAUSER Benedikt

4)SIERCKS Knut

The invention concerns a handheld dynamically movable surface spattering device (9) comprising at least one nozzle means (1) for an expelling of a spattering material onto a target surface (3) and a nozzle control mechanism (4) to control characteristics of the expelling of the nozzle means. Furthermore it comprises a spattering material supply (5) a storage with desired spattering data (6) which is predefined and comprised in a digital image or CAD model memorized on the storage a spatial referencing unit (7) to reference the spattering device relative to the target surface and a computation means (8) to automatically control the expelling by the nozzle control mechanism according to information gained by the spatial referencing unit and according to the desired spattering data is evaluated and adjusted by changing the characteristics of expelling of the nozzle means in such a way that the target surface is spattered according to the desired spattering data.

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

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

(43) Publication Date: 17/10/2014

(54) Title of the invention: APPARATUS FOR GENERATING COMPUTATIONAL DATA METHOD FOR GENERATING COMPUTATIONAL DATA AND PROGRAM FOR GENERATING COMPUTATIONAL DATA

(51) International classification (71)Name of Applicant: :G06F17/50 (31) Priority Document No 1) Asahi Glass Company Limited. :2010187309 (32) Priority Date Address of Applicant: 5 1 Marunouchi 1 chome Chiyoda ku :24/08/2010 (33) Name of priority country Tokyo 1008405 Japan :Japan (86) International Application No :PCT/JP2011/068662 (72)Name of Inventor : Filing Date :18/08/2011 1)UEMURA Ken (87) International Publication No :WO 2012/026383 2)YANAGIHARA Kazutaka (61) Patent of Addition to Application 3)SAITO Tsunehiro :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention generates computational data for numerical analysis. The present invention comprises: a means for defining voxel data in which an analytical region including an object to be analyzed is divided into a plurality of voxels in shape of cuboid assigning voxel attributes to the voxels respectively and storing the voxel data in a voxel data storing means on the basis of parameters stored in a parameter storing means; a means for storing pieces of initial point data less than the voxels and generated by using center points of the voxels and storing the initial point data in an initial point data storing means; a means for defining divided regions composed of a plurality of voxels in the object and storing the data of the defined divided regions in a divided region data storing means on the basis of the voxel attributes stored in the voxel data storing means and the initial point data storing in a computational data storing means; and a means for generating boundary surface data of the divided region data storing in a computational data storing means the boundary surface data as computational data on the basis of the divided region data stored in the divided region data storing means.

No. of Pages: 229 No. of Claims: 12

(22) Date of filing of Application :22/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: INDIRECTLY HEATED ROTARY DRYER

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F26B17/32 :2010187509 :24/08/2010 :Japan :PCT/JP2011/067407 :29/07/2011 :WO 2012/026285 :NA :NA :NA	(71)Name of Applicant: 1)TSUKISHIMA KIKAI CO. LTD. Address of Applicant: 17 15 Tsukuda 2 chome Chuo ku Tokyo 1040051 Japan (72)Name of Inventor: 1)KATAOKA Masaki 2)SUWA Satoshi 3)MATSUDA Keisuke
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(21) Application No.1655/DELNP/2013 A

(57) Abstract:

(19) INDIA

To provide an indirectly heated rotary dryer intended to reduce contact between articles for processing and heating tubes to reduce the power required for rotation even when increasing the filling rate and to conserve energy. [Solution] Four partitions (16) each extending along a center axis (C) of the interior space of a rotation tube (10) are positioned in vertical and horizontal directions at 90° intervals in the rotation tube (10) and in a cross sectional view of the rotation tube (10) the four partitions (16) divide the interior space of the rotation tube (10) into four substantially fan shaped small spaces (K) each extending along the center axis (C). Heating tubes (11) are arranged in three rows in the rotation tube (10) so as to each extend in parallel to the center axis (C) of the rotation tube (10). The heating tubes (11) supply heating steam and through a heat exchange with articles for processing (H) in the rotation tube (10) the heating tubes (11) heat and dry the articles for processing (H).

No. of Pages: 47 No. of Claims: 5

(21) Application No.1600/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: GUIDANCE METHOD AND APPARATUS

\	(71)Name of Applicant: 1)MBDA UK Limited Address of Applicant: Six Hills Way Stevenage Hertfordshire SG1 2DA U.K. (72)Name of Inventor: 1)GATE MartinSimon
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(57) Abstract:

A method of guiding a pursuer to a target is provided and is of particular use when the possible target location is described by non Gaussian statistics. Importantly the method takes into account the fact that different potential target tracks in the future have significantly different times to go. That can give rise to emergent behaviour in which the guidance method covers several possible outcomes at the same time in an optimal way. An example embodiment of the method combines Particle Filter ideas with Swarm Optimization techniques to form a method for generating guidance commands for systems with non Gaussian statistics. That example method is then applied to a dynamic mission planning example to guide an airborne pursuer to a ground target travelling on a network of roads where the pursuer has no go areas to avoid collateral damage.

No. of Pages: 52 No. of Claims: 15

(21) Application No.1601/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: EP2 OR EP4 AGONISTS FOR TREATING CORNEAL HAZE

(51) International classification :A61K31/559,A61P27/02 (71)Name of Applicant : (31) Priority Document No 1)ALLERGAN INC. :61/374439 (32) Priority Date Address of Applicant :2525 Dupont Drive Irvine California :17/08/2010 (33) Name of priority country :U.S.A. 92612 U.S.A. (86) International Application No (72)Name of Inventor: :PCT/US2011/048048 Filing Date :17/08/2011 1)JIANG Guang Liang (87) International Publication No :WO 2012/024376 2)IM Wha Bin (61) Patent of Addition to Application 3)WHEELER Larry A. :NA 4)WHITCUP Scott M. :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Disclosed herein are compositions and methods for treating corneal haze. Compositions and methods of use comprise therapeutically effective amounts of compounds that agonize the EP2 and/or EP4 receptor. Adminstration of the disclosed compounds can prevent and treat corneal haze development.

No. of Pages: 28 No. of Claims: 25

(22) Date of filing of Application :21/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: MOTOR

(51) International classification: H02K11/00,G01B7/30,G01D5/20 (71) Name of Applicant:

:19/06/2012

(31) Priority Document No :2011136616 (32) Priority Date :20/06/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/065635 No

Filing Date

(19) INDIA

(87) International Publication :WO 2012/176774

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

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

1)KOMATSU LTD.

(21) Application No.1602/DELNP/2013 A

Address of Applicant : 2 3 6 Akasaka Minato ku Tokyo

1078414 Japan

(72)Name of Inventor:

1)KOZAKA Akira

2)MATSUKI Yasuhiko

3)MINAMIURA Akira

used for sealing the space where the rotation angle detection sensor is arranged. In order to achieve this purpose a motor (1) is provided inside a housing (6) with a resolver (50) for detecting the rotation angle of a shaft (8). The resolver (50) is mounted on one end section side of the shaft (8). The resolver (50) is pressed against a second flange (63) by a resolver holder (40) and anchored to the second flange (63). The resolver holder (40) has a coolant introducing path (41) therein and supplies a coolant coming in from a second coolant distribution path (655) to an axial direction path (811) of the shaft (8).

The purpose of the present invention in a motor provided with a rotation angle detection sensor inside a housing thereof is to achieve making the work of pulling out a cable which is for extracting an output from the rotation angle detection sensor outside the housing easier and/or inhibiting the precision to be required of a member to be used for anchoring the rotation angle detection sensor and to be

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

(21) Application No.1661/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 22/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: ORAL MEDICINAL COMPOSITION FOR PATIENTS UNDERGOING PERITONEAL DIALYSIS AND METHOD FOR USING SAME

(51) International :A61K31/4415,A61P1/00,A61P7/00

classification (31) Priority Document No :2010166148 (32) Priority Date :23/07/2010

(33) Name of priority country: Japan

(86) International Application :PCT/JP2011/066763

No :22/07/2011 Filing Date

(87) International Publication :WO 2012/011588

(61) Patent of Addition to

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

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

(71)Name of Applicant:

1)TOKAI UNIVERSITY EDUCATIONAL SYSTEM

Address of Applicant :28 4 Tomigaya 2 chome Shibuya ku

Tokyo 1510063 Japan (72)Name of Inventor: 1)KAKUTA Takatoshi 2)MIYATA Toshio

(57) Abstract:

The present invention provides an oral medicinal composition for patients undergoing peritoneal dialysis which is to be used for preventing an increase in carbonyl compounds and/or advanced glycation end products (AGEs) in the abdominal cavity and peritoneum tissue after intraperitoneally administration of a glucose containing peritoneal dialysis fluid. Said oral medicinal composition comprises as the active ingredient a pharmaceutically acceptable salt of pyridoxamine.

No. of Pages: 57 No. of Claims: 25

(22) Date of filing of Application: 22/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: OPEN CIRCUIT VOLTAGE CONTROL SYSTEM

(51) International classification :H01L31/042,H01L31/04 (71)Name of Applicant :

(31) Priority Document No :2010185569 (32) Priority Date :20/08/2010

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2011/068129 Filing Date :09/08/2011

(87) International Publication No :WO 2012/023457

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

1)KABUSHIKI KAISHA TOSHIBA

Address of Applicant: 1 1 Shibaura 1 chome Minato ku Tokyo

1058001 Japan

(72)Name of Inventor: 1)KAWAMATA Kenji

(57) Abstract:

Provided is an open circuit voltage control system that is used in a photovoltaic power generation system comprising: a string (7) further comprising solar cell panels connected in series; and a switch (5) for switching on/off a route for supplying DC voltage generated within the string to a load. The open circuit voltage control system controls the open circuit voltage of the string. The open circuit voltage control system is provided with: an open circuit voltage measurement apparatus (3) for measuring the open circuit voltage of the string in open circuit state wherein the string and the load are not connected; drive control apparatuses (11) for controlling the output voltages from the solar cell panels; and a calculation control apparatus (4) for outputting signals for controlling the drive control apparatuses when the string and the load are in open circuit state such that the open circuit voltage will not be less than a voltage wherein the load is able to operate and will not be more than a withstanding voltage of the photovoltaic power generation system on the basis of the open circuit voltage measured by the open circuit voltage measurement apparatus.

No. of Pages: 62 No. of Claims: 6

(22) Date of filing of Application :17/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention : REDUCING AGENT AQUEOUS SOLUTION MIXING DEVICE AND EXHAUST GAS POST-TREATMENT DEVICE

		(71)Name of Applicant:
(51) International classification	:F01N 3/24	1)KOMATSU LTD.
(31) Priority Document No	:2011-285449	Address of Applicant :2-3-6 Akasaka Minato-ku Tokyo
(32) Priority Date	:27/12/2011	1078414 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:PCT/JP2012/060458	1)TADASHI IIJIIMA
Filing Date	:18/04/2012	2)HIROFUMI KIZAWA
(87) International Publication No	: NA	3)BOKU ITOU
(61) Patent of Addition to Application	:NA	4)SHINJI TSUJIMURA
Number	:NA :NA	5)TAKASHI KATOU
Filing Date	.NA	6)TETSUO ORITA
(62) Divisional to Application Number	:NA	7)KANJI NAMIMATSU
Filing Date	:NA	8)ISSEI HARA
-		9)HIROYUKI TOMIOKA

(57) Abstract:

In a urea aqueous solution mixing device, a urea aqueous solution is inhibited from attaching to the inner wall of an exhaust pipe and flow path resistance within the exhaust pipe is reduced. The urea aqueous 5 solution mixing device includes an exhaust pipe (4B), an injector (5), a mixing pipe (6), an inner pipe (7) and a flow section (20). The exhaust pipe (4B) includes an elbow part (10) having a curved portion and a linear part (11). The injector (5) is disposed in the elbow part (10) and injects a urea aqueous solution. The mixing pipe (6) is 10 disposed for enclosing the surrounding of the urea aqueous solution to be injected from the injector (5), and includes: an outlet portion formed at an interval away from the inner wall of the exhaust pipe (4B); and a plurality of openings (6a) formed on the outer peripheral surface thereof. The inner pipe (7) is disposed in the linear part 15 (11) of the exhaust pipe (4B) and allows the exhaust gas to flow through the inside thereof and the outer periphery thereof. The flow section (20) is formed between the outlet portion of the mixing pipe (6) and the inner wall of the exhaust pipe (4B) and directs the exhaust gas to the inner pipe (7).

No. of Pages: 34 No. of Claims: 12

(21) Application No.1624/DELNP/2013 A

(19) INDIA

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

(43) Publication Date: 17/10/2014

(54) Title of the invention: IMPROVED FOLDING AUXILIARY

(51) International classification	:G02B26/08,G02B23/06	(71)Name of Applicant:
(31) Priority Document No	:1003095	1)VERNOIS Goulven
(32) Priority Date	:23/07/2010	Address of Applicant :8 sentier des Laminaires F 56610
(33) Name of priority country	:France	Arradon France
(86) International Application No	:PCT/FR2011/000440	2)VERNOIS Jo«l Didier Claude
Filing Date	:25/07/2011	3)VERNOIS Vronique Solenn
(87) International Publication No	:WO 2012/010755	4)VERNOIS Lionel Olivier Pierre
(61) Patent of Addition to Application	:NA	(72)Name of Inventor:
Number	:NA	1)VERNOIS Goulven
Filing Date	.IVA	2)VERNOIS Jo«l Didier Claude
(62) Divisional to Application Number	:NA	3)VERNOIS Vronique Solenn
Filing Date	:NA	4)VERNOIS Lionel Olivier Pierre

(57) Abstract:

In order to remove the folding auxiliary 1 and the membranes connected to it from the multi purpose mould in which it has been formed said folding auxiliary is wound around one or two mandrels 4 consisting of textile tubes pressurized with a gas which may be lighter than air and if so contribute towards the means of moving said folding auxiliary wound around said mandrels with the membranes it supports. Said folding auxiliary is connected to the mandrels by a linear device that is depressed and moved sideways to lock.

No. of Pages: 12 No. of Claims: 15

(21) Application No.1625/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: CHLORINE FREE INK AND COATING COMPOSITIONS & A METHOD FOR PRINTING ON UNTREATED POLYOLEFIN FILMS WITH IMPROVED ADHESION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C09D11/02 :61/374706 :18/08/2010 :U.S.A. :PCT/US2011/048209 :18/08/2011 :WO 2012/024472 :NA :NA :NA	(71)Name of Applicant: 1)SUN CHEMICAL CORPORATION Address of Applicant: 35 Waterview Blvd. Parsippany NJ 07054 U.S.A. (72)Name of Inventor: 1)WEI Huanyu 2)ABE Youichi 3)RALLIS Helen
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(57) Abstract:

Provided are chlorine free ink and coating compositions that demonstrate improved adherence when applied to untreated flexible plastic film substrates. The provided compositions eliminate the need for a separate step of pre treating a plastic film before applying an ink or coating composition. Also provided are methods for producing a printed article using the provided ink and coating compositions and methods of adhering chlorine free inks or coatings that exhibit improved adhesion characteristics to untreated plastic films.

No. of Pages: 44 No. of Claims: 18

(21) Application No.1677/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS FOR CALANOLIDES THEIR DERIVATIVES AND ANALOGUES AND PROCESS FOR PRODUCING THE SAME

(31) Priority Document No (32) Priority Date	:A61K9/08,A61K9/107,A61K9/20 :PI 2010004411 :22/09/2010	1)CRAUN RESEARCH SDN BHD Address of Applicant :Lot 3147 Block 14 Jalan Sultan Tengah
(33) Name of priority country (86) International Application No Filing Date	:Malaysia :PCT/MY2011/000192 :24/08/2011	93055 Kuching Sarawak Malaysia (72)Name of Inventor: 1)PHANG Nyie Lin 2)ABDULLAH Zaliha Christine
(87) International Publication No	:WO 2012/039596	
(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 pharmaceutical compositions of calanolides their derivatives and analogues and process for producing the same having enhanced solubility and bioavailability for oral or parenteral administration. The invention further provides for a method of using the disclosed compositions for the treatment and prevention of retroviral diseases such as human immunodeficiency specifically HTV 1 and mycobacterial diseases especially tuberculosis infections in mammals particularly humans.

No. of Pages: 64 No. of Claims: 43

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : METHOD FOR IMPROVING OPERATION DENSITY OF RAIL VEHICLE AND PREVENTING MUTUAL COLLISION AND REAR END COLLISION

(51) International classification	:B61L23/26	(71)Name of Applicant :
(31) Priority Document No	:201110046202.6	1)BAI Wei
(32) Priority Date	:26/02/2011	Address of Applicant :No.1 Division 1 No.3 Building No.81
(33) Name of priority country	:China	Taoyuan North Road Taiyuan Shanxi 030002 China
(86) International Application No	:PCT/CN2011/001307	2)BAI Jing
Filing Date	:09/08/2011	3)BAI Qing
(87) International Publication No	:WO 2012/113123	4)FENG Baolong
(61) Patent of Addition to Application	:NA	(72)Name of Inventor:
Number	:NA	1)BAI Wei
Filing Date	.IVA	2)BAI Jing
(62) Divisional to Application Number	:NA	3)BAI Qing
Filing Date	:NA	4)FENG Baolong

(57) Abstract:

A method for improving the operation density of railway vehicles and preventing mutual collision and rear end collision comprising: dividing a rail line into equidistant electronic zones using a distance larger than the shortest mutual safe driving distance as the interval and installing a locomotive passing detection alarm device in each zone; when a locomotive travels at high speed on the rail the locomotive passing detection alarm device corresponding to the zone occupied by the locomotive itself will simultaneously access adjacent front and back zones and determine whether the two adjacent zones are simultaneously occupied by locomotives; if the two adjacent zones are simultaneously occupied by locomotives then sending a warning signal to the locomotives to warn or take measures. The method can avoid locomotive collision and increase the traveling density according to the vehicle speed and distance thus improving transportation efficiency.

No. of Pages: 30 No. of Claims: 2

(21) Application No.11024/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention : METHOD AND SYSTEM FOR ENERGY GENERATION IN A CHEMICAL PLANT BY UTILIZING FLARE GAS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:09/06/2011 :WO 2011/162960	(71)Name of Applicant: 1)CHEVRON PHILLIPS CHEMICAL COMPANY LP Address of Applicant: 10001 Six Pines Drive The Woodlands TX 77380 U.S.A. (72)Name of Inventor: 1)HOTTOVY John D.
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract:

The present techniques provide systems and methods for recovering energy from flare gases in chemical plants and refineries. The systems use an engine to burn a portion of gas diverted from the flare system. The engine may be a reciprocating engine or a burner in a boiler system among others. The power generated by burning the flare gas is then used to power an energy recovery device. The energy recovery device may be an electrical generator a compressor or a steam boiler among others

No. of Pages: 29 No. of Claims: 24

(21) Application No.1617/DELNP/2013 A

1)WOBBEN PROPERTIES GMBH

(19) INDIA

(22) Date of filing of Application :21/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: FLUID DEGASSING DEVICE AND METHOD FOR DEGASSING FLUIDS

(51) International (71)Name of Applicant: :B01D19/00,B01D53/22,B29B7/84 classification

(31) Priority Document No :10 2010 039 959.0 (32) Priority Date :30/08/2010 (33) Name of priority country :Germany

(86) International Application :PCT/EP2011/064808

:29/08/2011

Filing Date

(87) International Publication :WO 2012/028573 No

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

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

Address of Applicant :Dreekamp 5 26605 Aurich Germany (72)Name of Inventor:

1)KAMKE Ingo

(57) Abstract:

The invention relates to a fluid device for degassing fluids in particular resins. The device has a fluid supply element 12 for the supply of the fluid and a fluid discharge element 310 for the discharge of the fluid. Between the supply element 12 and the discharge element 310 there is provided at least one structural element 100 180 for breaking down bubbles in the fluid as it flows through the structural element 100 180. In addition or alternatively there may be provided at least one profile element 220 over which the fluid must flow.

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

(22) Date of filing of Application :21/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: ELECTRICAL COMPONENTS COMPRISING A PLUG IN CONTACT AND CONNECTOR

(51) International classification :H01R13/629,H01R13/631,H01R13/58

(31) Priority Document No:10 2010 035 868.1 (32) Priority Date :30/08/2010 (33) Name of priority

country :Germany

(86) International Application No :PCT/EP2011/064902

Filing Date :30/08/2011

(87) International Publication No :WO 2012/028612

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

(71)Name of Applicant:

1)PHOENIX CONTACT GMBH & CO. KG

Address of Applicant :Flachsmarktstrasse 8 32825 Blomberg

Germany

(72)Name of Inventor:
1)KROME Karsten
2)TNKER Manuel
3)ANDRESEN Jens
4)FELDNER Ralf

5)FHRER Thomas 6)FRANKE Jens

(57) Abstract:

An electrical component (1) having a housing (2) and a plurality of plug in contacts (3 4 5 6) is disclosed. The plug in contact (3 6) is held in a floating manner on a contact mount (7) and the contact mount (7) is held in a floating manner on the housing (2). Alternatively at least one elongate guide pin (18) is provided which has at least one annularly enlarged outer contour (20) extending transversely to the length (19) of the guide pin (18). A connector (28) comprising a connector housing (29) at least one plug in contact (6) and a tension relief device (30) is also disclosed. The connector housing (29) comprises a base element (31) and a contact element (32) and the tension relief device (30) comprises a tension relief mechanism (33) that is placed in the base (31) and is positively secured therein by the contact element (32).

No. of Pages: 25 No. of Claims: 16

(22) Date of filing of Application :25/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: AIRCRAFT WITH AN INTEGRAL AERODYNAMIC CONFIGURATION

(51) International :B64D27/20,B64D33/02,B64C5/02 classification (31) Priority Document No :2010131640 (32) Priority Date :27/08/2010 (33) Name of priority country :Russia

(86) International Application :PCT/RU2011/000229

:07/04/2011 Filing Date

(87) International Publication :WO 2012/026846

No (61) Patent of Addition to

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)OTKRYTOE AKCIONERNOE OBSCHESTVO «AVIACIONNAYA HOLDINGOVAYA KOMPANIYA

Address of Applicant :ul. Polikarpova23 B Moscow 125284

Russia

(72)Name of Inventor:

1)POGOSYAN Mihail Aslanovich 2)DAVIDENKO Aleksandr Nikolaevich 3)STRELETS Mihail Yurievich

4) RUNISHEV Vladimir Aleksandrovich 5)TARASOV Aleksey Zaharovich

6)SHOKUROV Aleksev Kirillovich 7)BIBIKOV Sergev Yurievich 8)KRYLOV Leonid Evgenievich 9)MOSKALEV Pavel Borisovich

(57) Abstract:

The invention relates to multimode aircraft which can be operated at supersonic and subsonic flying speeds in a wide range of flying altitudes. The primary field of use of the invention is multimode super manoeuvrable aircraft capable of cruising at supersonic speed and having low radar visibility. The invention is intended to achieve the technical result of producing an aircraft which has low radar visibility is highly manoeuvrable at large angles of attack has a high aerodynamic quality at supersonic speeds while retaining a high aerodynamic quality in subsonic modes and is capable of accommodating a large load in its internal holds. The aircraft with an integral aerodynamic configuration comprises a fuselage (1) with a leading edge extension (2) a wing the main planes (3) of which are continuously adjacent to the fuselage (1) a fully rotatable horizontal tail unit (FRHTU) (4) and a fully rotatable vertical tail unit (FRVTU) (5). The mid fuselage is flattened and formed longitudinally by a set of aerodynamic profiles. The engines are arranged in engine nacelles (6) spaced apart from one another horizontally and the axes of the engines are oriented at an acute angle to the plane of symmetry of the aircraft in the flying direction. The leading edge extension (2) comprises controllable rotatable parts (8).

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

(21) Application No.1621/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: TRANSMITTER WITH PREASSEMBLED SYNCHRONIZING RINGS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:F16D23/06 :10 2010 036 278.6 :03/09/2010 :Germany :PCT/EP2011/004402 :31/08/2011 :WO 2012/028316 :NA :NA	(71)Name of Applicant: 1)HOERBIGER ANTRIEBSTECHNIK HOLDING GMBH Address of Applicant: Bernbeurener Strasse 13 86956 Schongau Germany (72)Name of Inventor: 1)BINDER J¹/argen 2)SCHNELZER Thomas 3)ECHTLER Peter 4)K-LZER Michael 5)K-DAMED Brazer
(61) Patent of Addition to Application	:NA	3)ECHTLER Peter
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to transmitter (18) for a synchronizing assembly of a transmission comprising a pressure piece (42) a spring (44; 84) that interacts with the pressure piece (42) and at least one synchronizing ring (30) said pressure piece (42) being acted upon by the spring (44) such that the transmitter (18) can transmit a pre synchronizing force onto the synchronizing ring (30) in the axial direction.

No. of Pages: 32 No. of Claims: 23

(22) Date of filing of Application :21/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: MATRIX METALLOPROTEINASE INHIBITORS

(51) International

:C07D253/08,A61K31/536,A61P37/02

classification

(19) INDIA

(31) Priority Document No:1810/Del/2010

(32) Priority Date

:30/07/2010

(33) Name of priority

:India

country

(86) International :PCT/IB2011/053155

Application No Filing Date

:14/07/2011

(87) International

:WO 2012/014114 Publication No

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

:NA :NA

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

Filing Date

(71)Name of Applicant:

1)RANBAXY LABORATORIES LIMITED

(21) Application No.1622/DELNP/2013 A

Address of Applicant :Head Office: 12th Floor Devika Tower

06 Nehru Place New Delhi Delhi 110019 Delhi India

(72)Name of Inventor:

1)KHERA Manoi Kumar

2)SATTIGERI Jitendra

3)SATTIGERI Viswajanani

4)YADAV Neeraj Kumar

5)KUMAR Kewal

6)RAUF Abdul Rehman Abdul

7) CLIFFE Ian A.

8)BHATNAGAR Pradip Kumar

9)RAY Abhijit

10)SRIVASTAVA Punit

11)DASTIDAR Sunanda Ghosh

(57) Abstract:

The present invention relates to certain hydroxy propionic acid derivatives and the processes for the synthesis of the same. This invention also relates to pharmacological compositions containing the compounds of the present invention and methods of treating asthma rheumatoid arthritis COPD rhinitis osteoarthritis psoriatic arthritis psoriasis pulmonary fibrosis pulmonary inflammation acute respiratory distress syndrome perodontitis multiple sclerosis gingivitis atherosclerosis dry eye neointimal proliferation which leads to restenosis and ischemic heart failure stroke renal diseases tumor metastasis and other inflammatory disorders characterized by over expression and over activation of a matrix metalloproteinase using the compounds.

No. of Pages: 53 No. of Claims: 12

(21) Application No.1685/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: PLASMA ENHANCED ACTIVE LAMINAR FLOW ACTUATOR SYSTEM

(51) International classification :B64C23/00,B64C21/00,B82Y30/00

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

(33) Name of priority country:NA

(86) International Application: PCT/SE2010/050991

No :15/09/2010 Filing Date

(87) International Publication :WO 2012/036602

No
((1) Potent of Addition to

(61) Patent of Addition to
Application Number
Filing Date
(22) Filing Date

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

(57) Abstract :

(71)Name of Applicant :

1)SAAB AB

Address of Applicant :S 581 88 Linkping Sweden

(72)Name of Inventor:
1)NORDIN Pontus
2)STRINDBERG Gte

The invention regards a plasma enhanced active laminar flow actuator system (1) adapted to an aerodynamic surface (3) which has a nano engineered composite material layer(5) comprising a set of electrodes arranged (7 7) in at least an upper (P1) and a lower (P2) plane extending parallel with the aerodynamic surface (3); the electrodes (7 7) comprising nano filaments (9); the electrodes (7) of the upper plane (P1) are arranged in the aerodynamic surface (3) such that they define a smooth and hard aerodynamic surface (3); conductors (11 11) of nano filaments (9) arranged for electrical communication between a control unit (13) and each of the electrodes (7 7) wherein the control unit (13) is adapted to address current between cooperating electrodes (7 7) of the upper and lower plane (P1 P2) from a current supply depending upon air flow characteristic signals fed from air flow sensor means (19).

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

(21) Application No.1686/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/02/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention : VOICE SCREEN ARS SERVICE SYSTEM METHOD FOR PROVIDING SAME AND COMPUTER READABLE RECORDING MEDIUM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04M11/06,H04M3/42 :1020100081819 :24/08/2010 :Republic of Korea :PCT/KR2011/006226 :23/08/2011 :WO 2012/026744 :NA :NA :NA	(71)Name of Applicant: 1)CALL GATE CO. LTD. Address of Applicant: 704 Boutiquemonaco 1316 5 Seocho dong Seocho gu Seoul 137 070 Republic of Korea (72)Name of Inventor: 1)KIM Yong Jin 2)KIM David
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(57) Abstract:

A method for providing a voice screen ARS service on a terminal according to an embodiment of the present invention uses an application installed on the terminal to connect to an IVR system of a client company via a voice call and connects a data call to a VARS service server. Menu information including a plurality of menu items related to a client is received through a data call and displayed on a screen and voice information related to the menu is received through a voice call and output in audio. Accordingly when a user uses the ARS both services of voice and onscreen information are simultaneously provided and thereby decreases the limitations and inaccuracies of provided voice information increases user convenience.

No. of Pages: 49 No. of Claims: 33

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: ELECTRIC MOTOR CONTROL DEVICE AND CONTROL METHOD THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02P29/00,E02F9/20 :2011111390 :18/05/2011 :Japan :PCT/JP2012/060260 :16/04/2012 :WO 2012/157382 :NA :NA	(71)Name of Applicant: 1)KOMATSU LTD. Address of Applicant: 2 3 6 Akasaka Minato ku Tokyo 1078414 Japan (72)Name of Inventor: 1)KAWAGUCHI Tadashi 2)TAKEHARA Kazuki 3)MORINAGA Jun
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(57) Abstract:

In order to reduce discomfort due to task operations that include acceleration the present invention is provided with: a mode switching unit that sets a task mode; a task mode/maximum turning output conversion table (TB11) that obtains a pre-set maximum output of an electric motor by means of the task mode that has been set; a rotation sensor that detects the rotational velocity of the electric motor; a torque limit computation unit (105) that computes a torque limit value (Tlim) on the basis of the rotational velocity and the maximum output; and a torque limiting means that limits the torque of the electric motor by means of the torque limit value (Tlim) when the electric motor is accelerating.

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

(21) Application No.1629/DELNP/2013 A

(19) INDIA

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

(43) Publication Date: 17/10/2014

(54) Title of the invention: BRAZING PRE FLUX COATING

(51) International :B23K1/20,B23K35/00,B23K35/363 classification

(31) Priority Document No :20101172 (32) Priority Date :23/08/2010 (33) Name of priority country: Norway

(86) International :PCT/NO2011/000228

Application No :22/08/2011 Filing Date

(87) International Publication :WO 2012/026823

No

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

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

(71)Name of Applicant: 1)NORSK HYDRO ASA

Address of Applicant :N 0240 Oslo Norway

(72)Name of Inventor: 1)STEINER Dagmar 2)NORDLIEN Jan Halvor 3)INSALACO Jeffrey L.

(57) Abstract:

Pre-flux coating for the manufacturing of components by brazing, in particular manufacturing of heat exchangers of aluminium components including one or more fluxes and filler materials. The coating is composed of fluxes in the form of potassium aluminum fluoride K1.3AIF4 potassium trifluoro zincate, KZnF3ž lithium aluminum fluoride L13AIF6, filler material in the form of metallic Si particles, Al-Si particles and/or potassium fluoro silicate K2SiF, and solvent and binder containing at least 10% by weight of a synthetic resin which is based, as its main constituent, on methacrylate homopolymer or methacrylate copoly- mer. The potassium aluminium fluoride, K 1 AIF . is a flux including KAIF 4, K2AIF 5, K AIF or a combination of these fluxes. The coating may be blended as a one layer coating or a multi layer coating, whereby as a one layer coating all flux components and filler material are mixed with binder and solvent, and whereby as a multi layer coating the flux components and filler material are mixed as separate coatings with binder and solvent.

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

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: MIXTURES OF FIBRE REACTIVE DYES AND THEIR USE IN A METHOD FOR TRICHROMATIC DYEING OR PRINTING

(51) International classification :D06P1/38,D06P3/66,C09B67/22 (71) Name of Applicant: (31) Priority Document No 1)HUNTSMAN ADVANCED MATERIALS :10173996.9 (32) Priority Date :25/08/2010 (SWITZERLAND) GmbH (33) Name of priority country Address of Applicant :Legal Services Department :EPO (86) International Application Klybeckstrasse 200 CH 4057 Basel Switzerland :PCT/EP2011/060442 (72)Name of Inventor: :22/06/2011 Filing Date 1)TZIKAS Athanassios (87) International Publication 2)ROENTGEN Georg :WO 2012/025279 3)LANDRE Jean Fran§ois (61) Patent of Addition to 4)CODEMO Remo :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA

(57) Abstract:

Filing Date

Dye mixtures comprising least one yellow dye of the formula (1) at least one yellow dye of the formula (2) at least one red dye of the formula (3) at least one blue dye of the formula (4) wherein the radicals have the definitions given in the claims are suitable especially for the trichromatic dyeing or printing of cellulosic fibre materials and yield dyeings or prints having good reproducibility and good all round fastness properties.

No. of Pages: 28 No. of Claims: 13

(21) Application No.1689/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: INTRAOPERATIVE SCANNING FOR IMPLANT OPTIMIZATION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61F5/00 :61/376853 :25/08/2010 :U.S.A.	(71)Name of Applicant: 1)SMITH & NEPHEW INC. Address of Applicant: 7135 Goodlett Farms Parkway Cordova TN 38016 U.S.A.
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 		(72)Name of Inventor : 1)HUGHES Michael Dean

(57) Abstract:

Systems and methods for implant optimization using intraoperative scanning are set forth. According to one embodiment a method comprising intraoperatively scanning a joint surface processing the scan and creating a three dimensional computer model performing simulations with the three dimensional computer model determining an optimal implant attribute from analysis of the simulations selecting an optimal implant determining an ideal positioning and orientation of the selected implant relative to scanned anatomical features rapidly creating a patient matched guide to facilitate bone surface preparation in order to achieve ideal positioning and orientation of the selected implant preparing the surface using the patient matched guide and implanting the optimal implant is set forth.

No. of Pages: 27 No. of Claims: 17

(21) Application No.1631/DELNP/2013 A

(19) INDIA

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

(43) Publication Date: 17/10/2014

(54) Title of the invention: ENGINE CONTROL DEVICE OF WORK MACHINE AND ENGINE CONTROL METHOD **THEREOF**

(51) International :F02D29/06,F02D29/00,F02D29/04 classification

(31) Priority Document No :2011111388

:18/05/2011 (32) Priority Date (33) Name of priority country: Japan

(86) International Application :PCT/JP2012/060382

No :17/04/2012 Filing Date

(87) International Publication :WO 2012/157388

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

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

Filing Date

(71)Name of Applicant: 1)KOMATSU LTD.

Address of Applicant: 2 3 6 Akasaka Minato ku Tokyo

1078414 Japan

(72)Name of Inventor:

1)KAWAGUCHI Tadashi

2)SUEHIRO Takao

3)MURAKAMI Kentaro

4)MORINAGA Jun

(57) Abstract:

In order to suppress fluctuations in engine rotational frequency even if generator output resulting from generation by the generator being on/off fluctuates discontinuously the present invention is provided with: a detection means for detecting the operating state of the work machine wherein the generator is being used; an engine target rotational frequency setting means that on the basis of the operating state causes the engine target rotational frequency set when generation by the generator is off and the engine target rotational frequency set when generation by the generator is on to be the same target matching rotational frequency (npa); and an engine target output computation means that when generation by the generator is off computes the maximum outputable engine target output (ELa) for when generation is off and when generation by the generator is on computes an engine target output (ELb) that adds to the aforementioned engine target output a generation output (Pm) equivalent to the amount of generation by the generator.

No. of Pages: 64 No. of Claims: 6

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: JAW CLOSURE ARRANGEMENTS FOR SURGICAL INSTRUMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:A61B17/068 :12/894327 :30/09/2010 :U.S.A. :PCT/US2011/053106 :23/09/2011 :WO 2012/044555 :NA :NA	(71)Name of Applicant: 1)ETHICON ENDO SURGERY INC. Address of Applicant: 4545 Creek Road Cincinnati OH 45242 U.S.A. (72)Name of Inventor: 1)SCHALL Christopher J. 2)SHELTON IV Frederick E.
. ,	*	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A surgical instrument having a handle assembly and an elongated shaft configured for use with end effectors that support a staple cartridge therein. The end effectors have an anvil portion that is movable relative to the staple cartridge upon application of firing motions thereto. Various embodiments of the surgical instrument include movable closure tube arrangements that are configured to apply firing motions to the anvil upon application of a pulling motion to the closure tube from a firing system operably supported in the handle assembly.

No. of Pages: 319 No. of Claims: 20

(21) Application No.1691/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: RFID TAG INCLUDING ENVIRONMENTALLY SENSITIVE MATERIALS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:G06K19/07,H01Q1/00,G06K19/073 :12/862847 :25/08/2010 :U.S.A. :PCT/US2011/057556 :25/10/2011 :WO 2012/071123 :NA :NA	(71)Name of Applicant: 1)AVERY DENNISON CORPORATION Address of Applicant: 150 N. Orange Grove Blvd. Pasadena CA 91103 U.S.A. (72)Name of Inventor: 1)FORSTER Ian James
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

According to one exemplary embodiment, and RFID device is disclosed. The RFID device includes a substrate, an antenna structure having a first sheet of electrically conductive material including two parts and an elongated slot extending there between, a wireless communications device coupled to the substrate, and an environmentally-responsive material disposed within a portion of the elongated slot.

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

(21) Application No.1692/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: DIFFERENTIATION OF PLURIPOTENT STEM CELLS

(51) International (71)Name of Applicant: :C12N5/071,C12N5/0735,C12N5/02 classification 1)JANSSEN BIOTECH INC. (31) Priority Document No :61/378480 Address of Applicant :800/850 Ridgeview Drive Horsham PA (32) Priority Date :31/08/2010 19044 U.S.A. (33) Name of priority country: U.S.A. (72)Name of Inventor: 1)REZANIA Alireza (86) International :PCT/US2011/048131 Application No :17/08/2011 Filing Date (87) International Publication :WO 2012/030540 No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(57) Abstract:

The present invention provides methods to promote the differentiation of pluripotent stem cells into insulin producing cells. In particular the present invention provides a method utilizing an agent that degrades retinoic acid to produce a population of pancreatic endocrine precursor cells.

No. of Pages: 38 No. of Claims: 7

(19) INDIA

(22) Date of filing of Application :18/01/2013

(21) Application No.557/DELNP/2013 A

(43) Publication Date: 17/10/2014

(54) Title of the invention: DEVICE FOR FLUID POWER RECUPERATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F15B1/02 :2010129792 :13/07/2010 :Russia :PCT/RU2010/000575 :01/10/2010 :WO 2012/008867 :NA :NA	 (71)Name of Applicant: 1)STROGANOV Alexander Anatolyevich Address of Applicant: pr kt Y. Gagarina 39 38 St.Petersburg 196135 Russia 2)SHESHIN Leonid Olegovich (72)Name of Inventor: 1)STROGANOV Alexander Anatolyevich 2)SHESHIN Leonid Olegovich
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(57) Abstract:

A device for fluid power recuperation with reduced heat losses and increased efficiency of fluid power recuperation combined with better manufacturability and possibility of using off the shelf gas receivers (bottles). The device comprises at least one hydropneumatic accumulator containing in its shell a fluid port communicating with the fluid reservoir of the accumulator separated from the gas reservoir of the accumulator by a movable separator. The gas reservoir of the accumulator communicates via a gas port with at least one gas receiver containing a regenerating heat exchanger made in the form of a metal porous structure. The aggregate volume of the material of the regenerating heat exchanger is in the range from 10 to 50% of the internal receiver volume and the aggregate area of the heat exchange surfaces of the regenerating heat exchanger reduced to the aggregate internal receiver volume exceeds 2000 cm2/liter. At gas compression or expansion the heat exchange between the gas and the regenerating heat exchanger occurs at small average distances between the gas and the heat exchange surfaces and on a large heat exchange area and therefore with smaller temperature differentials which increases reversibility of the heat exchange processes and recuperation efficiency. The proposed device has the following properties: reduced heat losses and increased efficiency of fluid power recuperation; better manufacturability; possibility of using off the shelf gas receivers of any type in the device.

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

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : IMAGING SYSTEM AND ASSOCIATED METHOD FOR DETECTION OF PROTEIN CONTAMINATION

(51) International classification :G01N21/64,A61L2/28 (71)Name of Applicant : (31) Priority Document No 1)SYNOPTICS LIMITED :1014016.8 (32) Priority Date Address of Applicant :Beacon House Nuffield Road :20/08/2010 (33) Name of priority country Cambridge CB4 1TF U.K. :U.K. (86) International Application No :PCT/GB2011/051534 (72)Name of Inventor: 1)PERRETT David Filing Date :12/08/2011 (87) International Publication No :WO 2012/022963 2)NAYUNI Nanda Kishore (61) Patent of Addition to Application 3)ELLWOOD Paul :NA 4)MASKELL Richard Number :NA Filing Date 5)WRIGHT Alastair Hayden (62) Divisional to Application Number 6)THOMPSON Sarah :NA Filing Date 7)SULLIVAN Laura :NA

(57) Abstract:

An imaging system (10) and associated method for detection of protein contamination on a surgical instrument (100) that has been treated with a fluorescing stain wherein fluorophors in the stain are capable of emitting light of an emitted type when both excited by light of an excitation type and in contact with a protein are provided. The system comprises a light tight chamber (14) for receiving the instrument (100). Inside the chamber (14) are both visible light sources (20) and excitation light sources (22) for respectively illuminating the chamber with visible and excitation type light. A digital camera (30) is able to capture a first image of the instrument (100) as illuminated by the visible light and a second image of patterns of fluorescence produced by the fluorophors in the stain corresponding to protein contamination. The first and second images are combined to produce a composite image of the instrument (100) highlighting the areas of protein contamination. Associated software can be used to analyse the images so as to determine a level of protein contamination.

No. of Pages: 21 No. of Claims: 28

(22) Date of filing of Application :25/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: JOINT CONSTRUCTION VENTILATION ARM AND VENTILATION SYSTEM

(51) International :B08B15/04,B08B15/00,F16L27/00

classification

(31) Priority Document No (32) Priority Date

:10509396 :10/09/2010 (33) Name of priority country: Sweden

(86) International Application :PCT/SE2011/051075

:06/09/2011

Filing Date (87) International Publication

:WO 2012/033452

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

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

(71)Name of Applicant:

1)FUMEX AB

Address of Applicant: Verkstadsvgen 2 S 931 61 Skellefte

Sweden

(72)Name of Inventor:

1)HEDLUND Lars

(57) Abstract:

This invention concerns a joint construction 1 intended to be used between two extended tubes 2 and 3 in order to connect these tubes 2 and 3 with each other and where the joint construction 1 offers an open internal compartment 4 that during use of the joint construction 1 is connected to the open inner compartments 5 and 6 of the relevant tube element. The joint construction 1 comprises a first joint half 7 and a second joint half 8 that are essentially identical an arrangement 9 that holds the joint halves 7 and 8 and thus the joint construction 1 together and where the joint halves 7 and 8 each comprise a first part 12 and 13 and a second part 14 and 15. The first parts 12 and 13 make possible a connection of the relevant joint half 7 and 8 to one of the tubes 2 and 3. The second parts 14 and 15 of each joint half 7 and 8 face each other and comprise outermost free end parts 20 and 21 that are directed towards each other have a circular form and can be rotated relative to each other around a common axis X. A sealing and glide arrangement 22 located between the end surfaces 23 and 24 of the outermost free edge parts and comprising two surfaces 26 and 27 that make contact with the relevant end surface 23 and 24. At least one of the end surfaces 23 and 24 of the outermost free edge parts of the second parts comprises a construction 25 that increases friction that functions between the end surface 23 and/or 24 and the side surface 26 and/or 27 of the sealing and glide arrangement 22 that makes contact with the end surface 23 and/or 24. The invention also concerns a ventilation arm 29 and ventilation system 32.

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

(22) Date of filing of Application: 18/01/2013

(43) Publication Date: 17/10/2014

(21) Application No.560/DELNP/2013 A

(54) Title of the invention: STATIC SPRAY MIXER

(51) International classification :B05B7/08,B01F5/06,B05B7/04 (71)Name of Applicant : (31) Priority Document No :10170141.5

(32) Priority Date :20/07/2010

(33) Name of priority country :EPO (86) International Application No :PCT/EP2011/057379

Filing Date :09/05/2011 (87) International Publication No: WO 2012/010338

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

:NA Number :NA Filing Date

1)SULZER MIXPAC AG

Address of Applicant: R1/4tistrasse 7 CH 9469 Haag

Switzerland

(72)Name of Inventor: 1)HIEMER Andreas 2)STEMICH Carsten

(57) Abstract:

(19) INDIA

The invention relates to a static spray mixer for mixing and spraying at least two flowable components, said spray mixer comprising a tubulr mixer housing (2) extending in the direction of a longitudinal axis (A) to a distal end (21) comprising an outlet (22) for the components, at least one mixing element (3) arranged in the mixer housing (2) and used to mix the components together, and an atomising collet (4) that has an inner surface surrounding the end region of the mixer housing (2). The atomising collet (4) has an inlet Channel (41) for a pressurised atomising medium. A plurality of grooves (5) extending respectively to the distal end (21) is provided In the outer surface of the mixer housing (2) or in the inner surface of the atomising collet (4), said grooves (5) forming separate flow Channels (5 1) between the atomising collet (4) and the mixer housing (2), through which o the atomising medium can flow from the inlet Channel (41) of the atomising collet (4) to the distal end (21) of the mixer housing (2). Each flow Channel has a variable incline in relation to the longitudinal axis (A) in the direction of flow.

No. of Pages: 36 No. of Claims: 15

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : COMPOSITIONS AND METHODS FOR IMPROVING THE COMPATIBILITY OF WATER SOLUBLE HERBICIDE SALTS

(51) International classification(31) Priority Document No(32) Priority Date	:A01N57/00 :61/376360 :24/08/2010	(71)Name of Applicant: 1)DOW AGROSCIENCES LLC Address of Applicant: 9330 Zionsville Road Indianapolis IN 46268 U.S.A.
(33) Name of priority country (86) International Application No	:U.S.A. :PCT/US2011/048781	(72)Name of Inventor : 1)LIU Lei
Filing Date (87) International Publication No	:23/08/2011 :WO 2012/027349	2)ZHANG Hong 3)KENNEDY Alex
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)TANK Holger 5)LI Mei 6)QIN Kuide
(62) Divisional to Application Number Filing Date	:NA :NA	7)OUSE David G. 8)WILSON Stephen L. 9)DOWNER Brandon Matthew

(57) Abstract:

The compatibility of aqueous herbicide solutions containing water soluble salts of 2 4 D and glyphosate in the presence of inorganic cations is improved by the addition of polyethylenimine or polyvinylamine crystallization inhibitors.

No. of Pages: 18 No. of Claims: 8

:NA

:NA

(21) Application No.1693/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS

(51) International (71)Name of Applicant: :C12N5/0735,C12N5/071,C12N5/02 classification 1)JANSSEN BIOTECH INC. (31) Priority Document No Address of Applicant :800/850 Ridgeview Drive Horsham PA :61/378472 (32) Priority Date :31/08/2010 19044 U.S.A. (33) Name of priority country: U.S.A. (72)Name of Inventor: 1)REZANIA Alireza (86) International :PCT/US2011/048129 Application No :17/08/2011 Filing Date (87) International Publication :WO 2012/030539 No (61) Patent of Addition to :NA **Application Number** :NA Filing Date

(57) Abstract:

(62) Divisional to

Application Number

Filing Date

The present invention provides methods to promote the differentiation of pluripotent stem cells into insulin producing cells. In particular the present invention provides a method to produce a population of cells wherein greater than 85% of the cells in the population express markers characteristic of the definitive endoderm lineage.

No. of Pages: 46 No. of Claims: 7

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: TILTABLE CONVERTER COMPRISING PENDULUM ROD SUSPENSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C21C5/46,C21C5/50 :A1421/2010 :25/08/2010 :Austria :PCT/EP2011/057821 :16/05/2011 :WO 2012/025262 :NA :NA	(71)Name of Applicant: 1)SIEMENS VAI METALS TECHNOLOGIES GMBH Address of Applicant: Turmstrae 44 A 4031 Linz Austria (72)Name of Inventor: 1)FRANZMAIR Florian 2)WIMMER Gerald 3)WIMMER Peter
(87) International Publication No(61) Patent of Addition to Application		1 '
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The invention relates to a tiltable converter comprising a suspension system that encompasses pendulum rods (3). The spherical bearings of the pendulum rods (3) have bolts (7) which support the pendulum rods (3) penetrate the pendulum rods (3) and rest against the converter vessel (1) or the supporting ring (2) by means of support brackets (4). According to the invention at least one of the bolts (7) rests against the converter vessel (1) or the supporting ring (2) by means of a single support bracket (4) and said bolt (7) supports the associated pendulum rod (3) by means of at least two openings (9) in the pendulum rod.

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

(21) Application No.1695/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: IMAGE PROCESSING DEVICE AND METHOD

(51) International classification(31) Priority Document No	:H04N13/00,G09G5/00,G09G5/36 :2010198120	(71)Name of Applicant: 1)SONY CORPORATION
(32) Priority Date	:03/09/2010	Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075
(33) Name of priority country	:Japan	Japan
(86) International Application No Filing Date	:PCT/JP2011/069842 :31/08/2011	(72)Name of Inventor: 1)HATTORI Shinobu
(87) International Publication No	:WO 2012/029885	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention pertains to an image processing device and method capable of correctly transmitting image data in a format capable of generating multi view images. A mode decision unit in a replay device browses 3D image data formats used when generating multi view images and decides a compatibility mode that indicates compatibility with the image data format and a 3D data generating unit generates compatibility data that indicates the decided compatibility code as 3D data. A communications unit transmits the 3D image data and 3D data to a display device. A communications unit in the display device receives the 3D image data transmitted from the replay device and also receives the compatibility data as 3D data. The mode decision unit decides the compatibility mode for the 3D image data based on the 3D data. A synchronization control unit controls synchronization of 3D image data processing based on the decided compatibility mode. The present invention can be applied for example to an image processing device.

No. of Pages: 246 No. of Claims: 22

(19) INDIA

(22) Date of filing of Application :18/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD FOR RECALIBRATING COORDINATE POSITIONING APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:05/07/2011 :WO 2012/004555 :NA :NA	(71)Name of Applicant: 1)RENISHAW PLC Address of Applicant:New Mills Wotton under Edge Gloucestershire GL12 8JR U.K. (72)Name of Inventor: 1)SOMERVILLE Leo Christopher
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.563/DELNP/2013 A

(57) Abstract:

A method is described for recalibrating coordinate positioning apparatus (2) after a disturbance such as a stylus replacement. The coordinate positioning apparatus comprises a platform (8) a measurement probe (12) and a probe head (10) for reorienting the measurement probe (12) relative to the platform (8). A calibration data set is taken for the coordinate positioning apparatus (2) that comprises datum data for a plurality of orientations of the measurement probe. The datum data includes at least first datum data for a first nominal orientation of the measurement probe. After a disturbance to the coordinate positioning apparatus (2) the calibration data set is updated by acquiring one or more position measurements and calculating a first correction from the one or more position measurements. The first correction describes any change in the first datum data following the disturbance and is used to update the datum data for a plurality of different orientations of the measurement probe (12). Corresponding apparatus is also described.

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

(21) Application No.1606/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: A FLUID HANDLING ASSEMBLY HAVING A ROBUST INSERT

(51) International :B29C65/00,F16L47/02,A62C35/68 classification

(31) Priority Document No :61/369855 (32) Priority Date :02/08/2010 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2011/046094

:01/08/2011

Filing Date (87) International Publication :WO 2012/018713

No

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

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

Filing Date

(71)Name of Applicant:

1)LUBRIZOL ADVANCED MATERIALS INC.

Address of Applicant: 9911 Brecksville Road Cleveland Ohio

44141 3247 U.S.A.

(72)Name of Inventor: 1)SILLASEN Kevin M.

2)DAUGHERTY Kevin B.

(57) Abstract:

A fluid handling assembly provides conduits that deliver fluids therethrough. The fluid conduits include pipes having an inner annular layer (2) of CPVC material an intermediate annular layer (3) of metallic material and an outer annular layer (4) of CPVC material. Pipes are joined using inserts (9) that are engaged in cemented relation with a coupling. The inserts are configured to resist deformation at relatively high pressures that reduces the risk of separation of the layers of the pipe due to fluid infiltration between such layers.

No. of Pages: 31 No. of Claims: 16

(22) Date of filing of Application: 22/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: LEAD STORAGE BATTERY

(51) International

:H01M10/12,H01M4/14,H01M4/62

classification (31) Priority Document No

(19) INDIA

:2010221859

(32) Priority Date (33) Name of priority country: Japan

:30/09/2010

(86) International Application :PCT/JP2011/050667

:17/01/2011

Filing Date

(87) International Publication :WO 2012/042917

No

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

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

(21) Application No.1664/DELNP/2013 A

1)SHIN KOBE ELECTRIC MACHINERY CO. LTD.

Address of Applicant: 8 1 Akashi cho Chuo ku Tokyo

1040044 Japan

(72)Name of Inventor:

1)SHIBAHARA Toshio

2)TAKAHASHI Satoru

3)ARAKI Yuuji

4)SAKAI Masanori 5)MINOURA Satoshi

(57) Abstract:

In a valve-regulated lead-acid battery in which charging is performed intermittently on every short time and high rate discharging to a load is performed in a partial state of charge (PSOC), a valve-regulated lead-acid battery improved for the charge acceptance and the life characteristic under PSOC than usual is provided. A positive electrode plate having a specific surface area of an active material of 5.5 m2/g or less is used. A valve-regulated lead-acid battery is manufactured by using a negative electrode plate improved for the charge acceptance and the life performance by adding a carbonaceous electroconductive material and a formaldehyde condensate of bisphenols and aminobenzene sulfonic acid to a negative electrode active material and setting the specific gravity of an electrolyte to 1.30 or 1.35 or less.

No. of Pages: 71 No. of Claims: 3

(21) Application No.1665/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : TREATMENT OF METABOLIC SYNDROME AND INSULIN RESISTANCE WITH CITRUS FLAVANONES

(51) International classification :A61K31/7048,A61K31/352,A61P3/08

(31) Priority Document No:61/369229

(32) Priority Date :30/07/2010

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

(86) International

Application No :PCT/US2011/045898

Filing Date :29/07/2011

(87) International :WO 2012/016148

Publication No (61) Patent of Addition to

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

:NA
:NA

Application Number :NA :NA

(71)Name of Applicant:

1)THE UNITED STATES OF AMERICA as represented by THE SECRETARY DEPARTMENT OF HEALTH AND HUMAN SERVICES

Address of Applicant :National Institutes of Health Office of Technology Transfer 6011 Executive Blvd. Suite 325 MSC 7660 Bethesda MD 20892 7660 U.S.A.

(72)Name of Inventor:

1)QUON Michael J.

2)MUNIYAPPA Ranganath

(57) Abstract:

Methods of treating metabolic syndrome and/or insulin resistance including administering a therapeutically effective amount of purified hesperidin purified hesperidin purified derivative or analog of either compound to a subject with metabolic syndrome or insulin resistance (alone or in the context of metabolic syndrome).

No. of Pages: 64 No. of Claims: 24

(19) INDIA

(22) Date of filing of Application :22/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: CONNECTOR ASSEMBLY

(51) International :H01R12/58,H01R13/502,H01R13/631 classification

(31) Priority Document No:10 2010 047 282.4

(32) Priority Date :01/10/2010 (33) Name of priority

:Germany country

(86) International :PCT/EP2011/067146

Application No :30/09/2011 Filing Date

(87) International

Publication No

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

:WO 2012/042032

:NA

(71)Name of Applicant:

1)JOHNSON CONTROLS GMBH

(21) Application No.1666/DELNP/2013 A

Address of Applicant: Industriestrae 20 30 51399 Burscheid

Germany

(72)Name of Inventor:

1)BIELETZKI WELZ Viktor

2)HASAN Shenol

3)BALDZHIYSKI Plamen

4)MONTAROU Laurent

(57) Abstract:

Filing Date

The invention relates to a connector assembly (V) which comprises a connector (3) affixed to a printed circuit board (1) and a covering (5) with an integrated holding frame (4) slidably mounted onto the connector (3) wherein the covering (5) having an opening (6) in which the holding frame (4) is integrated as an inner frame with a compensation gap (S) to the surface of the opening (6) the covering (5) comprises a flexible connection (7) between the surface of the opening (6) and the holding frame (4) to aligned the holding frame (4) within the opening (6) during insertion of the covering (5) onto the connector (3).

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

(21) Application No.567/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: PROCESSING OF ALPHA/BETA TITANIUM ALLOYS

(51) International classification	:C22F1/18,C22C14/00	(71)Name of Applicant:
(31) Priority Document No	:12/838674	1)ATI PROPERTIES INC.
(32) Priority Date	:19/07/2010	Address of Applicant :1600 N.E. Old Salem Road Albany
(33) Name of priority country	:U.S.A.	Oregon 97321 U.S.A.
(86) International Application No	:PCT/US2011/041934	(72)Name of Inventor:
Filing Date	:27/06/2011	1)BRYAN David J.
(87) International Publication No	:WO 2012/012102	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Processes for forming an article from an a+ titanium alloy are disclosed. The a+ titanium alloy includes in weight percentages from 2.90 to 5.00 aluminum from 2.00 to 3.00 vanadium from 0.40 to 2.00 iron and from 0.10 to 0.30 oxygen. The a+ titanium alloy is cold worked at a temperature in the range of ambient temperature to 500° F and then aged at a temperature in the range of 700° F to 1200° F.

No. of Pages: 44 No. of Claims: 28

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: NUCLEIC ACIDS COMPOSITIONS AND METHODS FOR THE EXCISION OF TARGET NUCLEIC ACIDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:29/08/2011 :WO 2012/030747 :NA :NA	(71)Name of Applicant: 1)AMYRIS INC. Address of Applicant: 5885 Hollis Street Suite 100 Emeryville California 94608 U.S.A. (72)Name of Inventor: 1)BENJAMIN Kirsten R.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Nucleic acids compositions and methods that allow for the excision of one or more loci from the genome of a host cell are provided herein. In particular provided herein is an excisable nucleic acid construct comprising in a 5 to 3 orientation: a first tandem repeat nucleic acid a first homing endonuclease recognition site a target nucleic acid a second homing endonuclease recognition site and a second tandem repeat nucleic acid. In some embodiments the excisable nucleic acid construct is integrated into the host cell genome and the target nucleic acid can be excised from the host cell genome by contacting the homing endonuclease recognition sites with one or more appropriate homing endonucleases.

No. of Pages: 135 No. of Claims: 108

(21) Application No.558/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING AN AUTOFLUORESCENCE VALUE OF SKIN TISSUE.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61B5/103,A61B5/00 :2004920 :18/06/2010 :Netherlands :PCT/NL2011/000051 :20/06/2011 :WO 2011/159148 :NA :NA	(71)Name of Applicant: 1)DIAGNOPTICS HOLDING B.V. Address of Applicant: L. J. Zielstraweg 1 NL 9713 GX Groningen Netherlands (72)Name of Inventor: 1)GRAAFF Reindert 2)KOETSIER Marten 3)SMIT Andries Jan 4)VAN DEN BERG Bartholomeus Adrianus 5)VAN DER ZEE Pieter
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for determining an autofluorescence value of skin tissue of a subject comprising the steps of: irradiating material of said skin tissue with electromagnetic excitation radiation of at least one wavelength and/or in at least one range of wavelengths; measuring an amount of electromagnetic fluorescent radiation emitted by said material in response to said irradiation; and generating based upon said measured amount of fluorescent radiation a measured autofluorescence value for the concerning subject. The determined autofluorescence value is obtained by correcting the measured autofluorescence value for characteristics of a reflected part of an excitation spectrum and/or an emission spectrum from said material in response to such irradiation and/or for characteristics of reflectance measurements at wavelengths other than said at least one wavelength and/or other than in said at least one range of wavelengths in such manner that the dependency of the determined autofluorescence value upon different UV skin tissue reflectances that different respective subjects may have is minimized or at least diminished.

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

(21) Application No.570/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/01/2013 (43) Publication Date: 17/10/2014

:NA

:NA

(54) Title of the invention : MULTI COMPARTMENT REFRIGERATING APPARATUS FOR STORING FRESH FOOD AT DIFFERENT TEMPERATURES

(51) International classification :F25D17/06,F25D23/06 (71)Name of Applicant : (31) Priority Document No 1)ELECTROLUX HOME PRODUCTS CORPORATION :10170780.0 (32) Priority Date :26/07/2010 (33) Name of priority country Address of Applicant : Raketstraat 40 B 1130 Brussels :EPO (86) International Application No :PCT/EP2011/061719 Belgium (72)Name of Inventor: Filing Date :11/07/2011 (87) International Publication No :WO 2012/013478 1)BENI Marco (61) Patent of Addition to Application 2)BUOSI Augusto :NA Number 3) VELLI Vittorio :NA Filing Date

(57) Abstract:

Filing Date

A refrigerating apparatus (100) particularly for home use is proposed. The refrigerating apparatus comprises a first fresh food sub compartment (120) for storing fresh foods at a first range of temperatures at least a second fresh food sub compartment (125) for storing fresh foods at a second range of temperatures lower than the first range of temperatures a panel (130) separating the first and second fresh food sub compartments an evaporator (145) for commonly refrigerating both the first and second fresh food sub compartments - the evaporator is mounted at the rear of the refrigerating apparatus and separated from the fresh food sub compartments by a rear panel (160) - a main fan (135) provided in a rear wall (140) and passing through the rear panel for sucking air from the first fresh food sub compartment and to blow the same in an interspace (165) and through the evaporator to be cooled down; said air returns into the first fresh food sub compartment and reaches the second fresh food sub compartment through apertures (170 175) formed by the rear panel. The refrigerating apparatus further comprises a secondary fan (155) adapted to suck air from the first fresh food sub compartment and to blow it into the second fresh food sub compartment in order to raise the temperature thereof.

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

(62) Divisional to Application Number

(22) Date of filing of Application :22/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: A METHOD OF GASIFYING CARBONACEOUS MATERIAL AND A GASIFICATION SYSTEM

(51) International classification :C10J3/58,C10B57/14,C10J3/64 (71)Name of Applicant :

(31) Priority Document No :2010903348 (32) Priority Date :27/07/2010 (33) Name of priority country :Australia

(86) International Application No :PCT/AU2011/000936

Filing Date :26/07/2011 (87) International Publication No: WO 2012/012823

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

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

1) CURTIN UNIVERSITY OF TECHNOLOGY Address of Applicant : Hayman Road Bentley Western

Australia 6102 Australia (72)Name of Inventor: 1)LI Chun Zhu

2)WU Hongwei

3)ASADULLAH Mohammad

4)WANG Xiaoshan

(57) Abstract:

A method of gasifying carbonaceous material is described. The method comprises a first step of pyrolysing and partially gasifying the carbonaceous material to produce volatiles and char. The volatiles and the char are then separated and subsequently the char is gasified and the volatiles are reformed. The raw product gas is then finally cleaned with char or char supported catalysts or other catalysts.

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

(21) Application No.1657/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: ASSAY DEVICE AND READER

(51) International classification (31) Priority Document No	:B01L3/00,G01N35/00 :1014805.4	(71)Name of Applicant: 1)MULTI SENSE TECHNOLOGIES LIMITED
(32) Priority Date (33) Name of priority country	:07/09/2010 :U.K.	Address of Applicant :UNIT 4, BLOCK 3 MANOR FARM BUSINESS PARK MANOR LOAN STIRLING FK9 5QD
(86) International Application No	:PCT/GB2011/001315	UNITED KINGDOM U.K.
Filing Date (87) International Publication No	:07/09/2011 :WO 2012/032294	(72)Name of Inventor: 1)LOWE Phillip
(61) Patent of Addition to Application Number	:NA :NA	2)KEATCH Steven Alexander 3)MCGUIGAN Brian
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a microfluidic based assay system comprising a disposable assay cartridge and associated reading device as well as the individual components themselves. The present invention also relates to methods of conducting assays using the cartridge and device of the invention as well as kits for conducting assays.

No. of Pages: 82 No. of Claims: 44

(21) Application No.1658/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: N METHYLFORMAMIDE SOLVATE OF DASATINIB

(51) International classification :A61K31/506,C07D417/12,A61P35/00

(31) Priority Document No :1807/DEL/2010

(32) Priority Date :30/07/2010 (33) Name of priority :India

country

(86) International :PCT/IB2011/053318

Application No Filing Date :1C1/1B201

(87) International :WO 2012/014149

Publication No
(61) Patent of Addition to
Application Number
Filing Date
.WO
:NA

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

1)RANBAXY LABORATORIES LIMITED

Address of Applicant :Head Office: 12th Floor Devika Tower

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(72)Name of Inventor : 1)JARYAL Jagdev Singh

2)SANWAL Sudhir Singh

3)KUMAR Saridi Madhava Dileep 4)SATHYANARAYANA Swargam

5)THAPER Rajesh Kumar

6)PRASAD Mohan

7)ARORA Sudershan Kumar

(57) Abstract:

The present invention relates to the N Methylformamide solvate of dasatinib a process for its preparation. Formula (I)

No. of Pages: 16 No. of Claims: 11

(21) Application No.553/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 17/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: COMPOSITION COMPRISING RETINOL A PRECURSOR OR A REACTION PRODUCT OF IT AND A PLANT EXTRACT FROM AT LEAST ONE CHAMOMILLA PLANT FOR THE TREATMENT OF CANCER

(51) International :A61K31/07,A61K36/28,A61P35/00

classification (31) Priority Document No :10008189.2 (32) Priority Date :05/08/2010

(33) Name of priority country: EPO

(86) International :PCT/EP2011/003923 Application No

:04/08/2011 Filing Date

(87) International Publication :WO 2012/016706

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

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

(71)Name of Applicant:

1)ALPINIA LAUDANUM INSTITUTE OF PHYTOPHARMACEUTICAL SCIENCES AG

Address of Applicant :Bahnhofstrasse 34 CH 8880 Walenstadt

United Republic of Tanzania (72)Name of Inventor: 1)KREUTER Matthias H.

2)YAM Jianving

(57) Abstract:

The invention relates to a (i) Vitamin A a reaction product a metabolite or a precursor of it and (ii) a plant extract of chamomile or an active component thereof preferably for use in the treatment of cancer. The inventive composition may be provided as a medicament or a pharmaceutical composition. The at least one Chamomilla plant typically contained in the inventive compositions preferably comprises Matricaria recutita more preferably flores tubiformis of Matricaria recutita. Esters of Retinol typically contained in the inventive compositions typically comprise e.g. Retinyl acetate and a plant extract from the plant Matricaria recutita.

No. of Pages: 38 No. of Claims: 11

(19) INDIA

(22) Date of filing of Application :18/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: ELECTRIC PRESS FOR CUT FILLER COMPRESSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B30B9/30 :P.391785 :08/07/2010 :Poland :PCT/PL2011/000071 :06/07/2011 :WO 2012/005616 :NA :NA	(71)Name of Applicant: 1)INTERNATIONAL TOBACCO MACHINERY POLAND SP. Z O.O. Address of Applicant :ul. Warsztatowa 19 A PL 26 600 Radom Poland (72)Name of Inventor: 1)CHOJNACKI Wojciech Jerzy
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.565/DELNP/2013 A

(57) Abstract:

The object of the invention is an electric press for the compression of tobacco cut filler provided with at least one electric motor (1) and a control unit (2) driving a movable compressing element (3) by means of a drive train (4) characterised in that the compressing element (3) of the piston rod has an openwork design and is driven while keeping controllable driving torque.

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

(21) Application No.577/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: TEXTURED FREEZE DRIED PRODUCTS AND METHODS FOR MAKING SAME

(51) International classification :A23L1/00,A23L3/44,A23P1/08 (71)Name of Applicant :

(31) Priority Document No :61/365481 (32) Priority Date :19/07/2010

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

(86) International Application No :PCT/US2011/044405 Filing Date :18/07/2011

(87) International Publication No: WO 2012/012350

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

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

1)NESTEC S.A.

Address of Applicant : Avenue Nestle 55 CH 1800 Vevey

Switzerland

(72)Name of Inventor:

1)SCHALLER Raphael

2)HARTLIEP Barbara Burzinski

(57) Abstract:

Textured co deposited freeze dried food products are provided as well as methods of making same. In a general embodiment the food products have a first component and a second component that are disposed adjacent one another. The first and second components may be the same or different materials and may have any number of distinguishable characteristics including but not limited to flavor color texture optical properties etc. The food products are subjected to a sublimation step during manufacturing to remove excess water in the food product to provide a freeze dried food product.

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

(22) Date of filing of Application :21/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: MEDIA GATEWAY AND MEDIA RESOURCE DETECTION METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H04L12/26 :201010238050.5 :23/07/2010 :China :PCT/CN2011/076139 :22/06/2011 :WO 2012/010035	(71)Name of Applicant: 1)ZTE CORPORATION Address of Applicant: ZTE Plaza Keji Road South Hi Tech Industrial Park Nanshan District Shenzhen Guangdong 518057 China (72)Name of Inventor: 1)WANG Yi
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides a media gateway including: a control module for opening an idle channel of a Voice over Internet Protocol (VoIP) module in the media gateway and verifying detection signals of the VoIP module; an exchange module for exchanging a channel of a media resource module in the media gateway to the idle channel; a VoIP module for receiving media resources from the media resource module through the idle channel detecting the media resources to obtain the detection signals and transmitting the detection signals to the control module. The present invention also provides a media resource detection method. The present invention solves the problem in related technologies of the influence on current network service operation due to the necessary of the detection of Digital Signal Processor (DSP) media resources through an outer device and thus makes effects of neither interrupting the current network services nor needing a physical operation to realize the media resource detection.

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

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHODS OF DETECTING DISEASES OR CONDITIONS USING PHAGOCYTIC CELLS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12Q1/68,G01N33/53 :61/367094 :23/07/2010 :U.S.A. :PCT/US2011/045018 :22/07/2011 :WO 2012/012725 :NA :NA	(71)Name of Applicant: 1)PRESIDENT AND FELLOWS OF HARVARD COLLEGE Address of Applicant: 17 Quincy Street Cambridge Massachusetts 02138 U.S.A. (72)Name of Inventor: 1)KASSIS Amin I.
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(57) Abstract:

Methods of identifying markers expressed by phagocytic cells in the diagnosis prognosis or monitoring of diseases or conditions are disclosed.

No. of Pages: 87 No. of Claims: 123

(21) Application No.1670/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHODS FOR DETECTING SIGNATURES OF DISEASE OR CONDITIONS IN BODILY FLUIDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:61/367006 :23/07/2010 :U.S.A. :PCT/US2011/044969 :22/07/2011 :WO 2012/012693 :NA :NA	(71)Name of Applicant: 1)PRESIDENT AND FELLOWS OF HARVARD COLLEGE Address of Applicant: 17 Quincy Street Cambridge Massachusetts 02138 U.S.A. (72)Name of Inventor: 1)KASSIS Amin I.
Filing Date	:NA	

(57) Abstract:

This invention provides methods of using cell free bodily fluid and blood cells in the diagnosis prognosis or monitoring of diseases or conditions. The invention also relates to methods of using cell free bodily fluid and blood cells to identify markers of diseases or conditions.

No. of Pages: 147 No. of Claims: 148

(21) Application No.569/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: BEVERAGE DISPENSING ASSEMBLY

(51) International classification	:B67D7/74	(71)Name of Applicant :
(31) Priority Document No	:61/356744	1)SMART BAR USA LLC`
(32) Priority Date	:21/06/2010	Address of Applicant :796 TEK DRIVE, SUITE 100,
(33) Name of priority country	:U.S.A.	CRYSTAL LAKE, IILINOIS 60014, USA. U.S.A.
(86) International Application No	:PCT/US2011/041247	(72)Name of Inventor:
Filing Date	:21/06/2011	1)METROPULOS William
(87) International Publication No	:WO 2011/163227	2)SUGRUE John
(61) Patent of Addition to Application	:NA	3)ALPERT Wayne
Number	:NA	4)HINTERLONG Kevin
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is directed a beverage dispensing machine and beverage dispenser that may be used for mixing and dispensing liquids. The beverage dispenser has a mounting bracket with a carrier that is removably connected to the mounting bracket and a mixing bowl that is removably connected to the carrier. The beverage container also has a first set of fittings extending from the mounting bracket for receiving a first set of liquids and dispensing the first set of liquids into the mixing bowl. The beverage container also has a second set of fittings also extending from the mounting bracket for receiving a second set of liquids and dispensing the second set of liquids into the mixing bowl.

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

(21) Application No.580/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: PARKING FACILITY

(51) International classification	:E04H6/18,E04H6/22	(71)Name of Applicant:
(31) Priority Document No	:207582	1)OTTO W-HR GMBH
(32) Priority Date	:12/08/2010	Address of Applicant :Mirander Strasse 44 70825 Korntal
(33) Name of priority country	:Israel	M ¹ / ₄ nchingen 1 Germany
(86) International Application No	:PCT/EP2011/062988	(72)Name of Inventor:
Filing Date	:28/07/2011	1)MEINERS R ¹ /4diger
(87) International Publication No	:WO 2012/019920	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a parking facility (10), comprising a plurality of parking spaces (26) for motor vehicles (30), wherein said parking spaces (26) are airanged adjacent to one another and/or above one another and each define a parking Position for a motor vehicle (30), a transfer zone (84) which defines a transfer position for the motor vehicle (30) for transferring the motor vehicle (30) from the user to the parking facility (10) and vice versa, a transport device (36) for transporting the motor vehicle (30) between the transfer position and a parking position, a control device (42) for actuating the transport device (36) and an operating device (42) for the user which is operatively connected to the control device (42). In order to provide such a parking facility which enables speedy storage and removal of a motor vehicle with the most space-saving design possible of the transfer zone, according to the invention the control device (42) actuates the transport device (36) such that said transport device trans - ports the motor vehicle (30) from a parking position to a mode change position located on the transport path from the parking position to the transfer position and vice versa in automatic mode, and the transport device (36) transports the motor vehicle (30) from the mode change position to the transfer position and vice versa in deadman mode when the operating device (42) is operated by the user.

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

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : PHOTOVOLTAIC DEVICE AND MODULE WITH IMPROVED PASSIVATION AND A METHOD OF MANUFACTURING.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:H01L31/0224 :2005261 :24/08/2010 :Netherlands :PCT/NL2011/000060 :24/08/2011 :WO 2012/026806 :NA	(72)Name of Inventor : 1)JANSSEN Lars 2)KOOPMANN Jonas
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)KOOPMANN Jonas 3)VAN DEN DONKER Menno Nicolaas 4)AGRICOLA Franciscus Theodorus
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A photovoltaic device having an improved passivation of surfaces such as a circumferential outer wall and/or an aperture wall of a back contact metal wrap through photovoltaic device for example into which the pn junction of first and second semiconductor layers extends. The passivation comprises a passivating layer of a first type covering at least part of such wall substantially comprised by the depletion region across the pn junction; a passivating layer of a second type covering at least part of such wall comprised by the first semiconductor layer and a passivating layer of a third type covering at least part of the outer wall comprised by the second semiconductor layer.

No. of Pages: 38 No. of Claims: 30

(19) INDIA

(22) Date of filing of Application :25/02/2013

(21) Application No.1702/DELNP/2013 A

(43) Publication Date: 17/10/2014

(54) Title of the invention: BROADBAND SOUND ABSORBER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:10 2010 035 431.7 :25/08/2010 :Germany :PCT/EP2011/051240 :28/01/2011 :WO 2012/025253 :NA :NA	(71)Name of Applicant: 1)HP PELZER HOLDING GMBH Address of Applicant: Brauckstrae 51 58454 Witten Germany (72)Name of Inventor: 1)SCHNEIDER Marco 2)J,,GER Dirk 3)KURSCH Volker 4)SUMANN Edmund 5)NICOLAI Norbert 6)SCHULZE Volkmar
1 (01110 01		·
Filing Date	:NA	

(57) Abstract:

The invention relates to a broadband sound absorber (1) which comprises a sound absorbing filler material between two microperforated film webs (2) which are contiguous on their edges said filler material optionally containing heavy fillers. The broadband sound absorber (1) achieving excellent acoustic insulation comprises a sound absorbing filler material between two film webs (2) which are contiguous on their edges and have microperforations (4) all over or only in sections said filler material optionally containing heavy fillers (mass density) and one or both microperforated film webs (2) having the same thickness across their surface or thickened portions (3 5) of the same or a different material in some sections.

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

(21) Application No.568/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: STATIC SPRAY MIXER

(51) International classification: B05B7/08,B01F5/06,B05C17/005 (71)Name of Applicant:

:09/05/2011

:WO 2012/010337

(31) Priority Document No :10170139.9 (32) Priority Date :20/07/2010

(33) Name of priority country :EPO

(86) International Application :PCT/EP2011/057378

Filing Date (87) International Publication

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

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

Filing Date

1)SULZER MIXPAC AG

Address of Applicant: R1/4tistrasse 7 CH 9469 Haag

Switzerland

(72)Name of Inventor: 1)HIEMER Andreas 2)STEMICH Carsten

(57) Abstract:

The invention relates to a static spray mixer for mixing and spraying at least two flowable components, said spray mixer comprising a tubulr mixer housing (2) extending in the direction of a longitudinal axis (A) to a distal end (21) comprising an outlet (22) for the components, at least one mixing element (3) arranged in the mixer housing (2) and used to mix the components together, and an atomising collet (4) that has an inner surface surrounding the end region of the mixer housing (2). The atomising collet (4) has an inlet Channel (41) for a pressurised atomising medium. A plurality of grooves (5) extending respectively to the distal end (21) is provided In the outer surface of the mixer housing (2) or in the inner surface of the atomising collet (4), said grooves (5) forming separate flow Channels (5 1) between the atomising collet (4) and the mixer housing (2), through which o the atomising medium can flow from the inlet Channel (41) of the atomising collet (4) to the distal end (21) of the mixer housing (2). The inlet Channel (41) is arranged asymmetrically in relation to the longitudinal axis (A).

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

(21) Application No.581/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: ANALYTICAL METHOD FOR FAB AND FAB MOLECULES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G01N33/68 :1012784.3 :29/07/2010 :U.K. :PCT/GB2011/001135 :28/07/2011 :WO 2012/013933 :NA :NA	(71)Name of Applicant: 1)UCB PHARMA S.A. Address of Applicant:60 Alle de la Recherche B 1070 Brussels Belgium (72)Name of Inventor: 1)SMITH Bryan John 2)KIRKE Helen Marie
Number	·- ·	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of measuring acidic species generated by degradation of a Fab or Fab component of a Fab PEG or a Fab PEG comprising the steps of: a) cleaving the PEG and linker from the Fab PEG or Fab PEG with an enzyme b) optionally separating the PEG and linker generated in step a) from the Fab or Fab to provide a Fab or Fab and c) quantitatively analyzing acidic species associated with the cleaved Fab or Fab and/or the cleaved PEG.

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

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHODS AND SYSTEMS FOR SECURE INTEROPERABILITY BETWEEN MEDICAL DEVICES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F19/00,H04L29/06 :NA :NA :NA :NA :PCT/US2010/046460 :24/08/2010 :WO 2012/026922 :NA :NA :NA	(71)Name of Applicant: 1)SMITH & NEPHEW INC. Address of Applicant: 1450 Brooks Road Memphis TN 38116 U.S.A. (72)Name of Inventor: 1)SMITH Todd E.
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(57) Abstract:

An interface device is configured to provide one or more links to first party medical devices each of which communicates using a proprietary protocol. The interface device can translate between the proprietary protocol and a second protocol that is accessible via a second link to the interface device. Details of the second protocol can be provided to third parties for configuring third party medical devices to connect to the interface device via the second link. Using the second link one or more third party medical devices can send information to and/or receive information from the first party medical devices without the need for the third party device (or devices) to have any information about the proprietary protocol(s) of the first party medical device(s). The first party medical devices can include surgical tools and related support equipment and the third party medical device can include a control station used to monitor and control the tools and support equipment.

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

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: HETEROARYLPIPERIDINE AND PIPERAZINE DERIVATIVES AS FUNGICIDES

(51) International classification :C07D417/14,A01N43/78
(31) Priority Document No :10174012.4
(32) Priority Date :25/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/064527

Filing Date :24/08/2011 (87) International Publication No :WO 2012/025557

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

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

(71)Name of Applicant:

1)BAYER INTELLECTUAL PROPERTY GMBH

Address of Applicant : Alfred Nobel Strasse 10 40789

Monheim Germany

(72)Name of Inventor:1)TSUCHIYA Tomoki2)WASNAIRE Pierre3)HOFFMANN Sebastian

4)CRISTAU Pierre 5)SEITZ Thomas 6)KLUTH Joachim 7)HILLEBRAND Stefan 8)BENTING J¹/₄rgen 9)PORTZ Daniela

10)WACHENDORFF NEUMANN Ulrike

(57) Abstract:

Heteroarylpiperidine and piperazine derivatives of the formula (I) in which the symbols A X Y L L G Q p R R and R are each as defined in the description and salts metal complexes and N oxides of the compounds of the formula (I) and the use thereof for controlling phytopathogenic harmful fungi and processes for preparing compounds of the formula (I).

No. of Pages: 134 No. of Claims: 15

(21) Application No.1699/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD AND COMPOSITION FOR REDUCING THE COLOR OF SUGAR

(51) International classification :C13B20/08,C13B20/10,C13B20/00

(31) Priority Document No :61/373537

(32) Priority Date :13/08/2010
(33) Name of priority country :U.S.A.

(86) International Application :PCT/BR2011/000280

No Filing Date :12/08/2011

(87) International Publication :WO 2012/019266

Application Number Filing Date :NA

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

(57) Abstract :

(71)Name of Applicant:

1)RDM EMPREENDIMENTOS E PARTICIPA‡•ES S.A.

Address of Applicant : Avenida da Recupera§£o 2500 A Casa

Amarela CEP 52091 010 Recife PE Brazil

(72)Name of Inventor:

1)FILHO Jos Raimundo

This invention refers to a method for reducing the color of any intermediate of a process for obtaining sugar and sugar and a process for the production of low color sugar. This invention also refers to the use of components and combinations thereof for reducing the color of sugar and/or any intermediate of a process for obtaining sugar.

No. of Pages: 60 No. of Claims: 73

(21) Application No.583/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: METHOD AND DEVICE FOR CONTROLLING A MULTI PHASE ELECTRONICALLY COMMUTATED ELECTRIC MACHINE AND A MOTOR SYSTEM

:H02P6/00,H02P6/18,H02P6/08 (71)Name of Applicant : (51) International classification

(31) Priority Document No :10 2010 031 566.4

(32) Priority Date :20/07/2010 (33) Name of priority country :Germany

(86) International Application No :PCT/EP2011/061661

Filing Date :08/07/2011 (87) International Publication No :WO 2012/010445

(61) Patent of Addition to :NA Application Number

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

Number :NA Filing Date

1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

(72)Name of Inventor: 1)KNECHT Gerhard

(57) Abstract:

The invention relates to a method for operating an electronically commutated electric machine (2). Alternating phase voltage potentials are applied to the phase conductors of the electric machine (2) for commutation, said phase voltage Potentials being generated by a pulse-width modulation so that the height of the applied phase voltage potential is determined by a duty cycle (TV) of the pulse width modulation. In order to determine an instant of a zero crossing of a current induced in a phase conductor, a blanking interval (AT) which represents a time slot, is provided, when no phase current potential is applied to the coiresponding phase conductor. A first transition time slot (T1) is provided prior to and/or after the blanking interval (AT) during which the progression of the applied phase voltage potential has a defined first gradient during.

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

(21) Application No.595/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: NOVEL ANTIBODY FOR THE DIAGNOSIS AND/OR PROGNOSIS OF CANCER

(51) International classification :C07K16/28,G01N33/574 (71)Name of Applicant : (31) Priority Document No :10305703.0

(32) Priority Date :29/06/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/060930 Filing Date :29/06/2011

(87) International Publication No :WO 2012/007280

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

1)PIERRE FABRE MEDICAMENT

Address of Applicant: 45 place Abel Gance F 92100 Boulogne

Billancourt France

(72)Name of Inventor:

1)JOUHANNEAUD Alexandra

(57) Abstract:

The present invention relates to the field of prognosis and/or diagnosis of a proliferative disease in a patient. More particularly the invention relates to novel antibodies capable of binding specifically to the human cMet receptor as well as the amino acid and nucleic acid sequences coding for these antibodies. The invention likewise comprises the use of said antibodies and corresponding process for detecting and diagnosing pathological hyperproliferative oncogenic disorders associated with expression of cMet. In certain embodiments the disorders are oncogenic disorders associated with increased expression of cMet polypeptide relative to normal or any other pathology connected with the over expression of c Met. The invention finally comprises products and/or compositions or kits comprising at least such antibodies for the prognosis or diagnostic of certain cancers.

No. of Pages: 77 No. of Claims: 25

(21) Application No.11250/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention: CYANOQUINOLINE DERIVATIVES

(51) International

:C07D405/12,C07D401/14,C07D401/12

classification

(31) Priority Document

:201010199467.5

(32) Priority Date :09/06/2010 (33) Name of priority :China

country

(86) International

:PCT/CN2011/075464 Application No :08/06/2011

Filing Date

(87) International :WO 2011/153942

Publication No

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

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

(71)Name of Applicant:

1)TIANJIN HEMAY BIO TECH CO. LTD

Address of Applicant :31 101 Xiao Yuan Xin Cun TEDA

Tianjin 300457 China

(72)Name of Inventor: 1)ZHANG Hesheng 2) CHEN Yingwei

3)HE Qingchao

(57) Abstract:

Disclosed are compounds of general formula I stereisomers cis /trans isomers tautomers or mixtures thereof or pharmaceutically acceptable salts solvates or prodrugs thereof wherein R R R and R are defined as in the application.

No. of Pages: 274 No. of Claims: 35

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention : RIMINOPHENAZINES WITH 2 (HETEROARYL)AMINO SUBSTITUENTS AND THEIR ANTI MICROBIAL ACTIVITY

(31) Priority Document No :61/35 (32) Priority Date :29/06 (33) Name of priority country (86) International Application No Filing Date (87) International	0401/12,A61P31/06,A61K31/495 59638 5/2010 A. US2011/042221	(71)Name of Applicant: 1)GLOBAL ALLIANCE FOR TB DRUG DEVELOPMENT Address of Applicant: 40 Wall Street 24th Floor New York NY 10005 U.S.A. 2)INSTITUTE OF MATERIA MEDICA (72)Name of Inventor: 1)LIU Kai 2)COOPER Christopher B. 3)HUANG Haihong 4)LI Chun 5)LIU Binna 6)LIU Yang 7)MA Zhenkun 8)WANG Jingbin 9)YIN Dali 10)ZHANG Dongfeng 11)ZHANG Gang 12)ZHANG Hao
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(57) Abstract:

Mycobacterium tuberculosisThe present invention relates to riminophenazines having heteroaromatic substitutions including those with 2 heteroaryl amino substituents to their preparation and to their use as drugs for treating and other microbial infections either alone or in combination with other anti infective treatments.

No. of Pages: 389 No. of Claims: 26

(21) Application No.11252/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012 (43) Publication Date: 17/10/2014

(54) Title of the invention: EPOXY COMPOSITE

(51) International classification: C08L63/00, C08K7/00, B29K63/00 (71) Name of Applicant:

(31) Priority Document No :2010902788 (32) Priority Date :24/06/2010

(33) Name of priority country: Australia

(86) International Application :PCT/AU2011/000772 No

:23/06/2011 Filing Date

(87) International Publication :WO 2011/160183

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

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

1)ACHERON PRODUCT PTY LTD

Address of Applicant: Unit 2 56 70 John Street Leichhardt

NSW 2040 Australia

(72)Name of Inventor: 1)ALLUM Ronald Charles

2) DURBIN Philip Michael

(57) Abstract:

The invention relates to a process for making a epoxy composite. In the process an epoxy prepolymer a curing agent and a particulate filler are combined to form a curable mixture. The mixture is then agitated under a non air atmosphere to render it substantially homogeneous and pressure is applied to the mixture to reduce or eliminate gas pockets in the mixture and is maintained until the curable mixture is cured to form the epoxy composite.

No. of Pages: 58 No. of Claims: 39

(21) Application No.550/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 17/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: GRAFTING METHOD TO IMPROVE CHROMATOGRAPHY MEDIA PERFORMANCE

(51) International classification	:B01J20/32,B01J39/26,B01J20/28	(71)Name of Applicant:
(31) Priority Document No	:NA	1)EMD MILLIPORE CORPORATION
(32) Priority Date	:NA	Address of Applicant :290 Concord Road Billerica MA 01821
(33) Name of priority country	:NA	U.S.A.
(86) International Application No Filing Date	:PCT/US2010/002119 :29/07/2010	(72)Name of Inventor: 1)SOICE Neil 2)UMANA Joaquin
(87) International Publication No	:WO 2012/015379	3)ZHANG Yu
(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 improved methods of grafting polymer extenders onto porous substrates having diffusive pores such as those used in protein separations without filling the diffusive pores of the substrate and restricting diffusion there through. By changing the grafting conditions and/or monomer composition(s) the resulting porous substrates having polymer extenders grafted thereto have increased protein binding capacity and resin selectivity thereby enhancing the protein separation effectiveness of the substrate. The grafted polymer extenders provide the substrate with significant binding capacity at higher conductivity. The invention also relates to kits and methods of using and grafting polymer extenders on porous resin substrates having diffusive pores.

No. of Pages: 33 No. of Claims: 21

(21) Application No.575/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: ANTIMICROBIAL IV ACCESS CAP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		(71)Name of Applicant: 1)BECTON DICKINSON AND COMPANY Address of Applicant: 1Becton Drive Mail Code 110 Franklin Lakes NJ 07417 1880 U.S.A. (72)Name of Inventor:
(86) International Application No Filing Date(87) International Publication No(61) Patent of Addition to Application Number		
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An antimicrobial IV access cap having an inner surface for retaining an antimicrobial agent and further configured to receive a portion of an access port of an intravascular device.

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

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD FOR PRODUCING PRESSED ARTICLES CONTAINING COAL PARTICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:08/07/2011	(71)Name of Applicant: 1)SIEMENS VAI METALS TECHNOLOGIES GMBH Address of Applicant: Turmstrae 44 A 4031 Linz Austria (72)Name of Inventor: 1)HECKMANN Hado 2)STOCKINGER Josef
Filing Date (62) Divisional to Application	:NA	
Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for producing pressed articles containing coal particles to the pressed articles obtained in this way and to the use of the pressed articles in methods for producing pig iron in a fixed bed or in methods for producing carbon carriers for methods for producing pig iron in a fixed bed. To this end a partial amount of the coal particles to be processed into pressed articles is impregnated with a substance before the material to be processed into pressed articles is mixed with a binder system containing water and finally being processed into pressed articles.

No. of Pages: 39 No. of Claims: 17

(21) Application No.1704/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/02/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention : A METHOD OF ALLOCATING RESOURCES IN A RADIO ACCESS NETWORK (RAN) SHARED BY DIFFERENT NETWORK OPERATORS

	ļ	
(51) International classification	:H04W28/10,H04W92/12,H04W88/12	(71)Name of Applicant: 1)NOKIA SIEMENS NETWORKS OY
(31) Priority Document No	:NA	Address of Applicant : Karaportti 3 FIN 02610 Espoo Finland
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority	.NIA	1)HOLMA Harri Kalevi
country	:NA	2)REUNANEN Jussi Petteri
(86) International	.DCT/ED2010/060070	
Application No	:PCT/EP2010/060979	
Filing Date	:28/07/2010	
(87) International	:WO 2012/013230	
Publication No	. WO 2012/013230	
(61) Patent of Addition to	.NTA	
Application Number	:NA	
Filing Date	:NA	
(62) Divisional to	.NTA	
Application Number	:NA :NA	
Filing Date	.INA	

(57) Abstract:

A method of allocating resources in a communications network is provided where the resources are allocated to mobile stations belonging to different network operators. It is determined whether capacity is available in the network for established connections between the mobile stations and the communications network. If it is determined that the capacity is not available for the established connections the resources are split according to a pre-determined share between the network operators.

No. of Pages: 17 No. of Claims: 14

(21) Application No.576/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: A CAPSULE FOR FOOD PREPARATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B65D85/804 :10171012.7 :28/07/2010 :EPO :PCT/EP2011/062452 :20/07/2011 :WO 2012/013556 :NA :NA	(71)Name of Applicant: 1)NESTEC S.A. Address of Applicant: Av. Nestl 55 CH 1800 Vevey Switzerland (72)Name of Inventor: 1)DOGAN Nihan 2)DOLEAC Frdric 3)PALTHEY Jean Bernard 4)RAEDERER Marc
Number Filing Date	:NA	· ·
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention is directed to a capsule (1) for use with a food preparation machine comprising rigid side walls (2) with peripheral upper edges (3) a top wall (4) extending from said upper edges and a bottom wall (5) said walls defining a chamber (6) that contains an ingredient said capsule being adapted for receiving a fluid injected through a needle (7) extending from a needle plate (8) of the machine said needle plate being adapted to rest onto the upper edges when said capsule is adapted in a functional position into said machine said fluid and said ingredient being mixed for the preparation of a food product characterized in that said capsule comprises sealing means (9) disposed on said peripheral upper edges so that said means realize a liquid tight seal between said capsule and said needle plate at least at the time said capsule is adapted in a functional position into said food preparation machine.

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

(21) Application No.588/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: SIMULTANEOUS PRECONCENTRATION AND PRESELECTION OF AT LEAST ONE GROUP OF UPGRADABLE POLYMER MATERIALS ORIGINATING FROM GRINDING WASTE OF DURABLE GOODS AT END OF LIFE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:19/07/2011 :WO 2012/017139 :NA :NA :NA	(71)Name of Applicant: 1)GALLOO PLASTICS Address of Applicant: 1 Avenue du Port Fluvial F 59250 HALLUIN France (72)Name of Inventor: 1)DE FERAUDY Hugues 2)SEINERA Henri
Filing Date	:NA	

(57) Abstract:

The invention relates to a process for the simultaneous preconcentration and preselection of at least one group of used polymer materials of various compositions, as a mixture with one another and with contaminant materials, originating from the destruction, by grinding, of durable consumer goods that have reached the end of life, which can be Q recycled in the fields of plastics processing. This process is characterized in that it comprises, in order, a) a step of separation in a hydraulic medium, the density of which is adjusted to a value ds between 1.100 and 1.900, b) a step of separation of the supernatant fraction from a), a step of grinding c) the supernatant fraction from b), then a step d) of mechanical separation of the fraction originating from c) followed by a wetting step e) and a final step f) delivering preconcentrated and preselected used synthetic polymer materials.

No. of Pages: 61 No. of Claims: 22

(21) Application No.612/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: SYSTEMS AND METHODS FOR DISPENSING A FLUID

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B05C5/02 :12/846039 :29/07/2010 :U.S.A. :PCT/US2011/043771 :13/07/2011 :WO 2012/015593	(71)Name of Applicant: 1)CORNING INCORPORATED Address of Applicant: 1 Riverfront Plaza Corning New York 14831 U.S.A. (72)Name of Inventor: 1)JOOS Felipe Miguel
(87) International Publication No (61) Patent of Addition to Application		•
Number	:NA :NA	
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A fluid dispensing system (100) may include a first die portion (11) having a first face defining a first edge and a second die portion (12) spaced from the first die portion and having a second face facing the first face and defining a second edge wherein the first edge and the second edge define a fluid outlet opening. The fluid dispensing system may also include a fluid inlet (14) for introducing fluid to a region between the first face and the second face and a cavity (13) in flow communication with the fluid inlet wherein the cavity opens to the region between the first face and the second face. The fluid dispensing system includes a shim disposed between the first die portion and the second die portion to maintain the spaced positioning of the first and second die portions wherein the shim defines a plurality of channels bounded by the first and second faces and extending from the cavity in a direction toward the fluid outlet.

No. of Pages: 31 No. of Claims: 19

(21) Application No.423/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 14/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: OPTOELECTRONIC DIGITAL APPARATUS FOR ASSISTING AN OPERATOR IN DETERMINING THE SHOOTING ATTITUDE TO BE GIVEN TO A HAND HELD GRENADE LAUNCHER SO AS TO STRIKE A MOVING TARGET AND RESPECTIVE OPERATION METHOD

(51) International classification :F41G3/06.F41G3/14.F41G1/44 (71)Name of Applicant :

(31) Priority Document No :TV2010A000100

(32) Priority Date :12/07/2010

(33) Name of priority country :Italv

(86) International Application No :PCT/IB2011/001620

Filing Date :12/07/2011 (87) International Publication No :WO 2012/007820

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

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)SELEX GALILEO S.P.A.

Address of Applicant: Via Albert Einstein 35 I Campi

Bisenzio Italy

(72)Name of Inventor: 1)SANTINI Nicola 2)MAGI Andrea 3)FOSSATI Enrico

(57) Abstract:

Optoelectronic apparatus (2) for assisting an operator in determining the shooting attitude to give to a hand held grenade launcher (1) so as to strike a moving target (k) comprising an electronic processing unit (9) configured so as to: measure the pitch angle (a(t)) and the heading angle a (t)) of the grenade launcher (1) and the distance (Dist (t)) of the target (k) when the grenade launcher (1) is moved by the operator during the pointing of the moving target (k) determine position data (XT(ti) YT(ti) ZT(ti)) indicative of the positions of the moving target (k) determine a future impact time (t) of the grenade on the target (k) on the basis of position data (XT(ti) YT(ti) ZT(ti)) and of data indicative of the ballistics of the grenade determine a shooting attitude of the target (k) on the basis of the impact time (t) measure the pitch angle (a(t)) and heading angle (a(t)) indicating the attitude imparted to the grenade launcher (1) by the operator compute a pitch difference (a) between the shooting pitch angle (af) and the pitch angle (a (t)) measured and a heading difference (a) between the shooting heading angle (af) and the heading angle (a (t)) measured communicate to the operator the variation of pitch and/or heading to be given to the grenade launcher (1) so that the pitch (apitch) and/or heading (a) difference is zero.

No. of Pages: 44 No. of Claims: 15

(21) Application No.579/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: BAG WITH SECONDARY HANDLE

(51) International :B65D33/06,B65D30/08,B31B29/00 classification

(31) Priority Document No :61/361788

(32) Priority Date :06/07/2010 (33) Name of priority country: U.S.A.

(86) International Application: PCT/US2011/043098

:06/07/2011 Filing Date

(87) International Publication :WO 2012/006371

No

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

(62) Divisional to :NA Application Number :NA

Filing Date

(71)Name of Applicant: 1)SAVILLE Tara J.

Address of Applicant: 76 6260 Kupuna Street Kailua Kona HI

96740 U.S.A.

2)SALE Mark D. 3)PAULSON Jav B. (72)Name of Inventor: 1)SAVILLE Tara J.

2)SALE Mark D. 3)PAULSON Jay B.

(57) Abstract:

A bag has a body portion having a seam forming a pocket an opening in the body portion arranged to receive items a first handle located adjacent to the opening and a second handle arranged adjacent to the seam off set from the first handle. A method of manufacture a bag having two handles includes providing stock in the form of a tubular plastic film stock forming a first bag from the tubular plastic film stock the first bag having a first handle at a top of the bag and a second handle at a bottom of the bag and forming a second bag from the tubular plastic film stock the second bag having a first handle at a top of the second bag the first handle of the second bag arranged adjacent the bottom handle of the first bag.

No. of Pages: 22 No. of Claims: 21

(21) Application No.592/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD FOR CLEANING A GAS FLOW LOADED WITH DUST

(51) International classification :B01D46/24,B01D46/00,B01D46/02

(31) Priority Document No :A1224/2010 (32) Priority Date :20/07/2010 (33) Name of priority country:Austria

(86) International :PCT/EP2011/061507

Application No Filing Date :07/07/2011

(87) International Publication :WO 2012/010430

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

Filing Date
(62) Divisional to
Application Number
Filing Date

NA
:NA
:NA

(71)Name of Applicant:

1)SIEMENS VAI METALS TECHNOLOGIES GMBH Address of Applicant: Turmstrae 44 A 4031 Linz Austria

(72)Name of Inventor: 1)MILLNER Robert

(57) Abstract:

The invention relates to a method for cleaning a gas flow made of top gas and/or off gas and/or export gas from a direct reduction plant or a melt reduction plant which is loaded with dust and/or fine particulate solids. The gas flow is subjected to a dry cleaning by means of at least one dry filter wherein dusts and/or fine particulate raw materials are separated from the gas flow. The cleaned gas flow is fed into a CO2 separating device wherein CO2 is separated forming a product gas that is substantially free of water and CO2 and is used for backflushing the dry filter.

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

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: ELECTROMAGNETIC STEEL SHEET AND PROCESS FOR PRODUCTION THEREOF

(51) International classification	:C23C22/00,B05D7/14,C21D9/46	(71)Name of Applicant:
(31) Priority Document No	:2010166119	1)NIPPON STEEL & SUMITOMO METAL
(32) Priority Date	:23/07/2010	CORPORATION
(33) Name of priority country	:Japan	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(86) International Application	1	Tokyo 1008071 Japan
No	:PCT/JP2011/066224	(72)Name of Inventor:
Filing Date	:15/07/2011	1)TAKEDA Kazutoshi
(87) International Publication		2)KOSUGE Kenji
No	:WO 2012/011442	3)TAKASE Tatsuya
(61) Patent of Addition to		4)MUNEDA Kohji
Application Number	:NA	4)MONEDII Isonji
Filing Date	:NA	
\mathcal{E}		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date		

(57) Abstract:

electromagnetic steel sheet 0) i s provided with a Jigane (a body o f iron blade)) and an insulating coating film (2) formed on the surface o f the Jigane (1). The insulating coating film (2) comprises: 100 parts b y mass o f a first component which comprises 100 parts b y mass o f a metal phosphate salt and 1-50 parts b y mass o f a component selected from the group con-; sisting o f an acrylic resin, an epoxy resin and a polyester resin each having an average particle diameter of 0.05-0.50 mpi or a mixture or copolymer o f at least two components selected from the aforementioned resins; and 0.5-10 parts b y mass o f a second component which comprises a dispersion or powder o f a fluororesin having an average particle diameter of 0.05-0.35 mpi .

No. of Pages: 45 No. of Claims: 10

(21) Application No.1680/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : PROCESSES FOR PREPARING DEVICES AND FILMS BASED ON CONDUCTIVE NANOPARTICLES

(51) International classification :C08J5/18,B82Y30/00,H01L31/0352

(31) Priority Document No :2010903504 (32) Priority Date :05/08/2010

(33) Name of priority country :Australia

(86) International PCT/AU2011/001001
Application No

Filing Date :05/08/2011

(87) International Publication: WO 2012/016298

(61) Patent of Addition to

Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)NEWCASTLE INNOVATION LIMITED

Address of Applicant :Industry Development Centre University Drive Callaghan New South Wales 2308 Australia

(72)Name of Inventor:

1)DASTOOR Paul Christopher

2)BELCHER Warwick

(57) Abstract:

The present invention relates to a process for preparing a device comprising: (i) providing an aqueous emulsion comprising an organic solvent a surfactant and at least one conductive organic compound; (ii) removal of the organic solvent to provide an aqueous suspension of conductive nanoparticles comprising the at least one conductive organic compound; (iii) depositing the nanoparticles onto a substrate to form a nanoparticle layer; and (iv) annealing the nanoparticle layer.

No. of Pages: 39 No. of Claims: 32

(21) Application No.1681/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: CYLINDER PLATING METHOD AND DEVICE

(51) International classification (31) Priority Document No	:C25D21/00,C25D7/00,C25D7/04 :2010220407	(71)Name of Applicant: 1)THINK LABORATORY CO. LTD.
(32) Priority Date	:30/09/2010	Address of Applicant :1201 11 Takada Kashiwa shi Chiba
(33) Name of priority country	:Japan	2778525 Japan
(86) International Application No Filing Date	:PCT/JP2011/071961 :27/09/2011	(72)Name of Inventor : 1)SHIGETA Tatsuo
(87) International Publication No	:WO 2012/043514	
(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 cylinder plating method and device with which it is possible to form a plating layer of uniform thickness using cylinder plating technology and in addition to combine with plating technology that uses a divided insoluble electrode in which case it is possible to effectively prevent current crowding at cylinder ends and to form plating of a more uniform thickness along the full length of a cylinder irrespective of the size thereof and without producing defects such as bumps and pits. The insoluble electrode is shaped in a manner such that the lower section thereof bends inward and configured so as to be rotatable with the upper end section thereof as the rotational center. By controlling the distance thereof from the cylinder the thickness of the plating layer on the outer surface of the cylinder is adjusted.

No. of Pages: 33 No. of Claims: 6

(21) Application No.547/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: PHOSPHOR COATING FILMS AND LIGHTING APPARATUSES USING THE SAME

(51) International classification: F21V9/02,F21S2/00,F21Y101/02 (71)Name of Applicant: (31) Priority Document No :61/365572 1)HUIZHOU LIGHT ENGINE LTD. (32) Priority Date :19/07/2010 Address of Applicant :No. 7 Building No. 21 Jiang Bei Yun (33) Name of priority country Shan East Road Huizhou Guangdong China :U.S.A. (86) International Application (72)Name of Inventor: :PCT/CN2010/079342 1)SHIEH Yuh Ren :01/12/2010 Filing Date 2)LI Ping Kuen Eddie (87) International Publication :WO 2012/009921 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA

(57) Abstract:

Filing Date

A lighting apparatus (2) includes a circuit board (4) having a highly reflective top surface and at least one LED chip (6) operable to emit light with a first color mounted on the top surface. A phosphor film (8) having an arc inner surface is configured to maintain a predetermined finite distance from the LED chip (6). The phosphor film (8) is disposed in the way that light emitted from the LED chip (6) radiates upon the phosphor film (8). The inner surface of the phosphor film (8) hoods the top surface of the circuit board (4) so as to form a multi reflection zone to reduce light absorption by the LED chip (6) and reduce direct light leakage from between the phosphor film (8) and the top surface of the circuit board (4). The phosphor film (8) containing phosphors converts at least a portion of the light with the first color into light with a second color to produce visible white light by mixing the first and second colors.

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

(19) INDIA

(22) Date of filing of Application :18/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: COMPOSITIONS AND METHODS RELATED TO PROTEIN A (SPA) VARIANTS

(51) International classification	:A61K38/04	(71)Name of Applicant :
(31) Priority Document No	:61/361218	1)THE UNIVERSITY OF CHICAGO
(32) Priority Date	:02/07/2010	Address of Applicant :5801 S. Ellis Chicago IL 60637 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2011/042845	1)SCHNEEWIND Olaf
Filing Date	:01/07/2011	2)CHENG Alice G.
(87) International Publication No	:WO 2012/003474	3)MISSIAKAS Dominique M.
(61) Patent of Addition to Application	:NA	4)KIM Hwan
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 41		•

(21) Application No.559/DELNP/2013 A

(57) Abstract:

The present invention concerns methods and compositions for treating or preventing a bacterial infection particularly infection by a Staphylococcus bacterium. The invention provides methods and compositions for stimulating an immune response against the bacteria. In certain embodiments the methods and compositions involve a non toxigenic Protein A (SpA) variant.

No. of Pages: 260 No. of Claims: 77

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: OILFIELD APPLICATION OF SOLAR ENERGY COLLECTION

(31) Priority Document No :61/361507 (32) Priority Date :05/07/2010

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

No :PCT/US2011/042907 Filing Date :PCT/US2011/042907

(87) International Publication :WO 2012/006258

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

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

(51) International classification :F24J2/42,F22B33/18,E21B43/24 (71)Name of Applicant:

1)GLASSPOINT SOLAR INC.

Address of Applicant :46485 Landing Parkway Fremont CA

94538 U.S.A.

(72)Name of Inventor:

1)ODONNELL John Setel

2)VON BEHRENS Peter Emery

3)HEISLER Stuart M.

4) JACKSON David Bruce

(57) Abstract:

Solar energy is collected and used for various industrial processes such as oilfield applications e.g. generating steam that is injected downhole enabling enhanced oil recovery. Solar energy is indirectly collected using a heat transfer fluid in a solar collector delivering heat to a heat exchanger that in turn delivers heat into oilfield feedwater producing hotter water or steam. Solar energy is directly collected by directly generating steam with solar collectors and then injecting the steam downhole. Solar energy is collected to preheat water that is then fed into fuel fired steam generators that in turn produce steam for downhole injection. Solar energy is collected to produce electricity via a Rankine cycle turbine generator and rejected heat warms feedwater for fuel fired steam generators. Solar energy is collected (directly or indirectly) to deliver heat to a heater treater with optional fuel fired additional heat generation.

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

(21) Application No.1700/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: SENSOR DATA PROCESSING

(51) International classification :G06T1/00,G05D1/00,G06K9/36 (71)Name of Applicant :

(31) Priority Document No :2010903813 (32) Priority Date :25/08/2010

(33) Name of priority country :Australia

(86) International Application :PCT/AU2011/001090

No :24/08/2011 Filing Date

(87) International Publication No: WO 2012/024730

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)THE UNIVERSITY OF SYDNEY

Address of Applicant :Sydney New South Wales 2006

Australia

(72)Name of Inventor: 1)PEYNOT Thierry

2)BRUNNER Christopher

(57) Abstract:

Apparatus for and method of processing sensor data for the purpose of navigating a vehicle (2) (for example an autonomous or semi autonomous vehicle) the sensor data being from a sensor (4) (for example a camera) mounted on the vehicle (2) the method comprising: for a number of time steps measuring a value of a parameter of a scene (10) using the sensor (4) to produce a sequence of images of the scene (10); determining a value of one or more image quality metrics (for example spatial entropy and spatial information) in each image in the sequence; and identifying as either valid or invalid a sub sequence of images in the sequence based on the determined metric values.

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

(21) Application No.1701/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: WIRE HARNESS WATERPROOF STRUCTURE

(51) International :H01B7/282,H01B7/00,H02G15/04

classification

:NA

(31) Priority Document No :2010207245 (32) Priority Date :15/09/2010 (33) Name of priority country: Japan

(86) International Application :PCT/JP2011/057598

:28/03/2011 Filing Date

(87) International Publication :WO 2012/035811

No

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

Filing Date (62) Divisional to Application :NA Number

Filing Date

(71)Name of Applicant:

1)SUMITOMO WIRING SYSTEMS LTD.

Address of Applicant: 1 14 Nishisuehiro cho Yokkaichi shi

Mie 5108503 Japan (72)Name of Inventor: 1)SAKUMA Takashi

(57) Abstract:

Provided is a wire harness that suppresses the hardening of waterproofing parts and the enlargement of the outer diameter thereof. In a group of cables configuring one wire harness a plurality of shielded cables provided with waterproofing parts are divided into a plurality of groups the positions of the waterproofing parts differ for each group a prescribed distance is provided between waterproofing parts of different groups and the waterproofing parts are distributed in the axial direction of the wire harness.

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

(21) Application No.593/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: CRYSTALLINE FORM OF A 3 PHENOXYMETHYLPYRROLIDINE COMPOUND

(31) Priority Document No :61/362//3 (32) Priority Date :09/07/2010 (33) Name of priority

country :U.S.A.

(86) International Application No :PCT/US2011/042518

Filing Date :30/06/2011

(87) International Publication No :WO 2012/006205

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

(71)Name of Applicant: 1)THERAVANCE INC.

Address of Applicant :901 Gateway Boulevard South San

Francisco California 94080 U.S.A.

(72)Name of Inventor:1)SAITO Daisuke Roland2)RAPTA Miroslav

(57) Abstract:

The invention provides a crystalline hydrochloride salt of (S)-3-[(S)-l-(4-chlorophenoxy)-2-methylpropyl]pyrrolidine. This invention also provides pharmaceutical compositions comprising the crystalline salt processes and intermediates for preparing the crystalline salt and methods of using the crystalline salt to treat diseases (formula).

No. of Pages: 50 No. of Claims: 19

(22) Date of filing of Application: 21/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: COMBINED PROCESS TO MAKE OLEFINS FROM ISOBUTANOL

(51) International classification :C07C1/20,C07C4/06,C07C11/06 (71) Name of Applicant:

(31) Priority Document No :10171668.6 (32) Priority Date :03/08/2010

(33) Name of priority country :EPO

(86) International Application :PCT/EP2011/061581

Filing Date

:08/07/2011

(87) International Publication

:WO 2012/016785

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

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

1)TOTAL RESEARCH & TECHNOLOGY FELUY Address of Applicant : Zone Industrielle C B 7181 Seneffe

Belgium

(72)Name of Inventor:

1)ADAM Cindv

2)MINOUX Delphine

3)NESTERENKO Nikolai 4)VAN DONK Sander

5)DATH Jean Pierre

The present invention relates to a process for the conversion of an alcohols mixture (A) comprising about 20 w% to 100% isobutanol to make essentially propylene comprising: a) introducing in a reactor (A) (also called the first reaction zone or low temperature reaction zone) a stream comprising the mixture (A) optionally water optionally an inert component b) contacting said stream with a catalyst (A1) in said reactor (A) at conditions effective to dehydrate: at least a portion of the isobutanol to essentially butenes at least a portion of other alcohols if any to essentially olefins other than butene having the same carbon number as the alcohol precursor c) recovering from said reactor (A) an effluent comprising: butenes optionally olefins other than butene water optionally unconverted alcohols of the mixture (A) various hydrocarbons and the optional inert component of step a) d) fractionating said effluent of step c) to remove a portion or all the water unconverted alcohols optionally the inert component and optionally the whole or a part of the various hydrocarbons to get a stream (D) comprising essentially olefins and optionally the inert component e) introducing at least a part of said stream (D) in an OCP reactor (also called the second reaction zone or high temperature zone) f) contacting said stream comprising at least a part of (D) optionally in combination with a stream (D1) comprising olefins having 4 carbon atoms or more (C4+ olefins) in said OCP reactor with a catalyst which is selective towards light olefins in the effluent to produce an effluent with an olefin content of lower molecular weight than that of the feedstock g) fractionating said effluent of step f) to produce at least an ethylene stream a propylene stream and a fraction consisting essentially of hydrocarbons having 4 carbon atoms or more optionally recycling ethylene in whole or in part at the inlet of the OCP reactor of step f) or at the inlet of the reactor (A) or at the inlet of both the OCP reactor of step f) and the reactor (A) optionally recycling the fraction consisting essentially of hydrocarbons having 4 carbon atoms or more at the inlet of the OCP reactor.

No. of Pages: 37 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :18/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD FOR PRODUCING INSTANT NOODLES

(51) International classification :A23L1/16,A2:
(31) Priority Document No :2011033625
(32) Priority Date :18/02/2011
(33) Name of priority country :Japan

(86) International Application No :PCT/JP2011/059993 Filing Date :18/04/2011

(87) International Publication No :WO 2012/111177

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

:A23L1/16,A23L1/162 (71)Name of Applicant : :2011033625 1)SANYO FOODS CO.LTD.

(21) Application No.572/DELNP/2013 A

Address of Applicant: 5 2 Akasaka 3 chome Minato ku Tokyo

1070052 Japan

(72)Name of Inventor:
1)NAGAYAMA Yoshiaki

(57) Abstract:

A method o producing noodles Dy cutting a noodle sheet into noodle shapes using a rotary cutting device including at least a pair of cut ting rollers, scraping members, and an air current supply means. A noodle sheet i s passed between the cutting rollers t o cut the noodle sheet into noodle shapes, the noodles are scraped from the cutting rollers by the scraping members and are separated into upper and lower noodle bundles, and an air current i s supplied to the cut noodles from the air current supply means. The production method i s capable of consistently producing substantially straight noodles that do not have a significantly waved shape in the longitudinal direction thereof, even if used in a mass production line.

No. of Pages: 50 No. of Claims: 14

(22) Date of filing of Application: 18/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: DISPLAYING COMPRESSED SUPERTILE IMAGES

(87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number :NA :NA :NA	

(21) Application No.584/DELNP/2013 A

(57) Abstract:

(19) INDIA

A method for the display of compressed super tile images is disclosed. In one embodiment a method for displaying an image frame from a plurality of compressed super tile frames includes: reading the compressed super tile frames; expanding the compressed super tile frames; and combining the expanded super tile frames to generate the image frame. The expanding can include generating an expanded super tile frame corresponding to each of the compressed super tile frames by inserting blank pixels for tiles in the expanded super tile frame that are not in the corresponding compressed super tile frame. Corresponding system and computer program products are also disclosed.

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

(21) Application No.596/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: FIBRONECTIN CRADLE MOLECULES AND LIBRARIES THEREOF

(51) International :C07K16/18,C07K16/40,C07K16/42 classification

(31) Priority Document No :61/369222 (32) Priority Date :30/07/2010 (33) Name of priority country: U.S.A.

(86) International :PCT/US2011/046160

Application No :01/08/2011 Filing Date

(87) International Publication :WO 2012/016245

(61) Patent of Addition to :NA

Application Number :NA Filing Date

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

(71)Name of Applicant: 1)NOVARTIS AG

Address of Applicant :Lichtstrasse 35 CH 4056 Basel

Switzerland

2)THE UNIVERSITY OF CHICAGO

(72)Name of Inventor: 1)LOEW Andreas 2)VASH Brian Edward 3)KOIDE Shohei

4)WOJCIK John Bernard

5)KOIDE Akiko

6)GILBRETH Ryan Nicholas

(57) Abstract:

The here described invention discloses a combination of a top and bottom loop binder library using the CD and the FG loops of a number of Fnlll domains (Fnlll) (e.g. Fnlll 7 Fnlll 10 and Fnlll 14) together with the surface exposed residues of the beta sheet. The invention also pertains to a method of forming a library of Fnlll domain polypeptides useful in screening for the presence of one or more polypeptides having a selected binding or enzymatic activity.

No. of Pages: 372 No. of Claims: 138

(21) Application No.607/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention : FORMALDEHYDE FREE COATING FOR PANELS COMPRISING A POLYACID COPOLYMER AND CALCIUM ALUMINOSILICATE POWDER

(51) International classification	:C09D7/12,C09D133/00,C09D167/02	(71)Name of Applicant: 1)USG INTERIORS LLC
(31) Priority Document No	:12/822843	Address of Applicant :550 West Adams Street Chicago IL
(32) Priority Date	:24/06/2010	60661 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)CARBO Adelaida
(86) International Application No Filing Date	:PCT/US2011/041021 :20/06/2011	2)THULIN James C. 3)ENGLERT Mark 4)LU Runhai
(87) International Publication No	:WO 2011/163102	
(61) Patent of Addition to Application Number Filing Date (62) Divisional to	:NA :NA	
(02) Divisional to	·N A	

(57) Abstract:

Application Number

Filing Date

The invention provides a curable formaldehyde free coating composition comprising a composition comprising a polyacid copolymer crosslinked with a hydroxyl group containing compound and calcium aluminosilicate powder panels coated with the coating composition and a method of coating a panel with the coating composition.

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

:NA

:NA

(22) Date of filing of Application: 21/01/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention: DEVICE AND METHOD FOR DETECTING THE DIRECTION OF THE FLOW OF LIQUID THROUGH A DIALYSER

(51) International classification (71)Name of Applicant: :A61M1/16 (31) Priority Document No :10 2010 032 980.0 (32) Priority Date :31/07/2010 (33) Name of priority country Homburg v.d.H. Germany :Germany (86) International Application No :PCT/EP2011/003832 (72)Name of Inventor : Filing Date :29/07/2011 (87) International Publication No :WO 2012/016671 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH

Address of Applicant :Else Krner Strasse 1 61352 Bad

1)KOPPERSCHMIDT Pascal

(57) Abstract:

The invention relates to a device and a method for detecting the direction of the flow of liquid through a dialyser 1 having a first Chamber 3, with a first and second connector 3A, 3B, and a second Chamber 4, with a first and second connector 4A, 4B, wherein the first Chamber and the second Chamber are separated from each other by a semipermeable membrane 2. The inven-tion additionally relates to an extracorporeal blood treatment device, which has a device for detecting the direction of the flow of liquid through the dialyser. The device according to the invention and the method according to the invention are based on the change of a physical and/or chemical property, for example the substance concentration or the temperature, of a liquid flowing into one Chamber of the dialyser and the measurement of the change of the physical and/or chemical property of the liquid flowing out of said one Chamber of the dialyser. The change of the physical and/or chemical property of the liquid downstream of one Chamber of the dialyser attributable to the change of the physical and/or chemical property upstream of said one Chamber of the o dialyser is measured before and after the reversal of the direction of flow of the liquid through said one Chamber of the dialyser. A second liquid, of which the direction of flow remains unchanged, flows through the other Chamber of the dialyser.

No. of Pages: 33 No. of Claims: 22

(21) Application No.582/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: FUEL DELIVERY DEVICE

(51) International classification :F02M63/02,F02M69/54,F02M59/20

(31) Priority Document No :10 2010 031 622.9

(32) Priority Date :21/07/2010
(33) Name of priority

country :Germany

(86) International Application No :PCT/EP2011/059556

Filing Date :09/06/2011

(87) International Publication No :WO 2012/010373

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

.NA
.NA

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

(71)Name of Applicant : 1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor:1)KRAUSS Jost2)VEIT Guenter

3)SOMMERER Andreas 4)MEYER SALFELD Steffen

(57) Abstract:

The invention proposes a fuel delivery device for a fuel injection device of an internal combustion engine, having a delivery pump (10) and having at least one high-pressure pump (16). By means of the delivery pump (10), fuel from a reservoir (12) is delivered to the suction side of the high-pressure pump (16), and fuel is delivered into a high-pressure region (18) by the high-pressure pump (16). The delivery pump (10) has an adjustable displacement volume, which means that a variable quantity of fuel can be conveyed at the same rotational speed.

No. of Pages: 18 No. of Claims: 13

(21) Application No.594/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/01/2013 (43) Publication Date: 17/10/2014

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

(51) International classification: G09G3/34,G02F1/167,G09G3/20 (71) Name of Applicant: :2010186338 (31) Priority Document No 1)SEIKO EPSON CORPORATION (32) Priority Date :23/08/2010 Address of Applicant: 4 1 Nishi shinjuku 2 chome Shinjuku ku (33) Name of priority country Tokyo 1630811 Japan :Japan (86) International Application (72)Name of Inventor: :PCT/JP2011/004513 1)YAMADA Yusuke No :09/08/2011 Filing Date 2)MUTO Kota (87) International Publication :WO 2012/026078 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A control device that controls the driving of a display device, which changes the display state thereoi via a redraw operation that applies a drive voltage a plurality of iterations, comprises: a determination unit that determines for each pixel whether to carry out a redraw operation; and a control unit that commences, on a pixel whereon the determination unit determines that the redraw operation is to be carried out, a redraw operation that applies a drive voltage over a plurality of iterations in a pat tern wherein the drive voltage of each iteration is determined according to a post-redraw display state. If the prior redraw operation is not being carried out on the pixel whereon the determination unit determines that the redraw operation is to be carried out, the control unit commences the redraw operation. If the prior redraw operation is being carried out on said pixel, the control unit commences the next redraw operation after the prior redraw operation ends.

No. of Pages: 62 No. of Claims: 9

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: PROCESS TO MAKE OLEFINS FROM ISOBUTANOL

(31) Priority Document No :10171672.8 (32) Priority Date :03/08/2010 (33) Name of priority country :EPO

(86) International Application :PCT/EP2011/061583

No Filing Date :08/07/2011

(87) International Publication :WO 2012/016787

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

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

. WO 2012/010/6

(57) Abstract:

(51) International classification :C07C1/20,C07C4/06,C07C11/06 (71)Name of Applicant :

1)TOTAL RESEARCH & TECHNOLOGY FELUY Address of Applicant :Zone Industrielle C B 7181 Seneffe

Belgium (72)Name of Inventor:

1)ADAM Cindy 2)MINOUX Delphine 3)NESTERENKO Nikolai 4)VAN DONK Sander

5)DATH Jean Pierre

The present invention relates to a process for the conversion of an alcohol mixture (A) comprising about 20 w% to 100% isobutanol to make essentially propylene comprising: a)introducing in a reactor (A) a stream comprising the mixture (A) optionally water optionally an inert component b)contacting said stream with a catalyst (A1) at a temperature above 450°C in said reactor (A) at conditions effective to dehydrate at least a part of the isobutanol and other alcohols if any and make a cracking c)recovering from said reactor (A) an effluent comprising: ethylene propylene water optionally unconverted alcohols of the mixture (A) various hydrocarbons and the optional inert component of step a) d)fractionating said effluent of step c) to produce at least an ethylene stream a propylene stream a fraction consisting essentially of hydrocarbons having 4 carbon atoms or more water and the optional inert component of step a) optionally recycling ethylene in whole or in part at the inlet of the reactor (A) optionally recycling the fraction consisting essentially of hydrocarbons having 4 carbon atoms or more at the inlet of the reactor (A).

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

(22) Date of filing of Application :21/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: APPARATUS FOR TWISTING ELECTRICAL BAR CONDUCTORS IN PARTICULAR FOR BAR WINDINGS OF ELECTRICAL MACHINES WITH CONDUCTOR S CLAMPING SYSTEM

(21) Application No.639/DELNP/2013 A

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:H02K15/04 :NA :NA :NA :PCT/IT2010/000338 :28/07/2010 :WO 2012/014233 :NA :NA :NA	(71)Name of Applicant: 1)TECNOMATIC S.p.A. Address of Applicant: Zona Industriale Santa Scolastica Via Copernico 2 I 64013 Corropoli (Teramo) Italy (72)Name of Inventor: 1)GUERCIONI Sante
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(57) Abstract:

(19) INDIA

A twisting apparatus (30) of preformed bar conductors (25) for bar windings of electric machines is described each of said conductors (25) comprising one or more legs (5) the twisting apparatus (30) comprising a twisting device (50) having at least a first (51) and a second body (52) coaxial to one another and extending around a twisting axis (Zt Zt) defining an axial direction and respectively comprising a first (Al) and a second (A2) circular array of pockets with centre on such an axis (Zt Zt) the pockets being suitable for receiving legs (5) of the preformed bar conductors the bodies (51 52) being rotatable relative to one another around the twisting axis. The twisting device (50) comprises a system for clamping bar conductors comprising at least one sliding clamping element (72 92) movable in a radial direction with respect to the axial direction (Zt Zt) to take up an advanced operative position in which it has an end portion (73 74 93 94) that projects inside an associated pocket and a set back operating position the advanced and set back operative positions corresponding respectively to an operative state clamping the conductor and to an operative state releasing the conductor.

No. of Pages: 47 No. of Claims: 14

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: COOLING MECHANISM FOR ELECTRIC MOTOR AND ELECTRIC MOTOR

(51) International classification	:H02K9/19,H02K1/32	(71)Name of Applicant:
(31) Priority Document No	:2011045580	1)KOMATSU LTD.
(32) Priority Date	:02/03/2011	Address of Applicant :2 3 6 Akasaka Minato ku Tokyo
(33) Name of priority country	:Japan	1078414 Japan
(86) International Application No	:PCT/JP2012/055193	(72)Name of Inventor:
Filing Date	:01/03/2012	1)TOKUNAGA Hiroyuki
(87) International Publication No	:WO 2012/118140	2)OKABE Akira
(61) Patent of Addition to Application	:NA	3)OKAMOTO Kazuhiro
Number	:NA	4)CHIBA Teiichirou
Filing Date	.11/1	5)WATANABE Natsuki
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In the present invention an electric motor (1) comprises a cooling medium supply path (11) that extends within a shaft (10) in the axial direction of the shaft (10) and allows a cooling medium to pass therethrough and a plurality of cooling medium paths (40A 40B) that allow the cooling medium to flow without diverging in the axial direction of the shaft (10) after diverging from the cooling medium supply path (11) while also discharging the cooling medium from discharge holes (40AH 40BH) in the surface of a rotor core (20) with the distance from a cooling medium entry hole (11I) through which the cooling medium flows into the cooling medium supply path (11) to the discharge holes (40AH 40BH) being identical.

No. of Pages: 69 No. of Claims: 14

(21) Application No.1642/DELNP/2013 A

(19) INDIA

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

(43) Publication Date: 17/10/2014

(54) Title of the invention: SURGICAL CUTTING AND FASTENING INSTRUMENTS WITH SEPARATE AND DISTINCT FASTENER DEPLOYMENT AND TISSUE CUTTING SYSTEMS

:A61B17/068,A61B17/115 | (71)Name of Applicant : (51) International classification

(31) Priority Document No :12/894351 (32) Priority Date :30/09/2010

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

(86) International Application No :PCT/US2011/053083 Filing Date :23/09/2011

(87) International Publication No :WO 2012/044552

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

(62) Divisional to Application Number :NA Filing Date

1)ETHICON ENDO SURGERY INC.

Address of Applicant: 4545 Creek Road Cincinnati OH 45242

(72)Name of Inventor:

1)MORGAN Jerome R.

2)SHELTON IV Frederick E.

(57) Abstract:

A surgical instrument capable for use with an end effector supporting a staple cartridge therein. In various embodiments the surgical instrument includes a firing system for applying firing motions to the end effector to form the unformed the staples supported in the staple cartridge. The surgical instrument further includes a tissue cutting system that may be optionally actuated after the staples have been formed.

No. of Pages: 319 No. of Claims: 20

(21) Application No.414/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 14/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: DYNAMIC ENABLING AND DISABLING OF SIMD UNITS IN A GRAPHICS PROCESSOR

(51) International classification :G06F9/30,G06F9/38,G06F1/32 (71)Name of Applicant :

(31) Priority Document No :61/363856 (32) Priority Date :13/07/2010

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

(86) International Application No :PCT/US2011/043509

Filing Date :11/07/2011 (87) International Publication No :WO 2012/009252

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

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

1)ADVANCED MICRO DEVICES INC.

Address of Applicant :One Amd Place Sunnyvale CA 94088

(72)Name of Inventor:

1)SHAH Tushar K. 2) OREIFEJ Rashad 3)MANTOR Michael J. 4)EMBERLING Brian

(57) Abstract:

Systems and methods to improve performance in a graphics processing unit are described herein. Embodiments achieve power saving in a graphics processing unit by dynamically activating/deactivating individual SIMDs in a shader complex that comprises multiple SIMD units. On the fly dynamic disabling and enabling of individual SIMDs provides flexibility in achieving a required performance and power level for a given processing application. In this way embodiments achieve optimal usage of a graphics processing unit. Embodiments of the invention also achieve dynamic grain (e.g. medium grain) clock gating of SIMDs in a shader complex. Embodiments reduce switching power by shutting down clock trees to unused logic by providing a clock on demand mechanism. In this way embodiments enhance clock gating to save more switching power for the duration of time when SIMDs are idle (or assigned no work).

No. of Pages: 45 No. of Claims: 31

(21) Application No.618/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention: METHOD FOR THE DETECTION AND DIRECT IDENTIFICATION OF A MICROORGANISM IN A BIOLOGICAL SAMPLE DILUTED IN AN ENRICHMENT BROTH

(51) International :C12Q1/00,C12Q1/04,G01N33/543 classification

:WO 2012/004540

(31) Priority Document No :1055574

(32) Priority Date :08/07/2010 (33) Name of priority country: France

(86) International Application :PCT/FR2011/051624

No

:07/07/2011 Filing Date

(87) International Publication

(61) Patent of Addition to

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

(62) Divisional to Application :NA Number

:NA Filing Date

(71)Name of Applicant: 1)BIOM%RIEUX

Address of Applicant : Chemin de l'Orme F 69280 Marcy

Ltoile France

(72)Name of Inventor: 1)ATRACHE Vincent

2)COLIN Bruno 3)LAFAY Aurelie

4)MAKROUF Bouchra 5)MONTES Pascal 6)MOSTICONE David

7) RAYMOND Jean Claude

8)SOFIA Thierry 9)VIMONT Antoine

(57) Abstract:

The invention relates generally to the field of analysis for example biological analysis. More specifically the invention relates to a method for the detection of at least one microorganism in a sample placed in a closed container said method essentially comprising the following steps: a) in the container bringing into contact the sample a culture medium and a support capable of capturing the microorganism(s) to be detected; b) closing the container; c) placing the container under conditions that allow the microorganism(s) to grow; and d) using a detection means to detect the presence inside the container of the microorganism(s) attached to the capture support.

No. of Pages: 46 No. of Claims: 17

(21) Application No.642/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: WIPER DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:31/05/2011 :WO 2012/013395 :NA :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor: 1)TRENKLE Lothar
Filing Date	:NA	

(57) Abstract:

The invention relates to a wiper device (100) for use in a motor vehicle comprising a wiper shaft (110) for driving a wiper arm in oscillation, a reversible drive motor (155), and a transmission unit for transmitting the motion of the drive motor to the wiper shaft. The transmission unit comprises a gear segment (120) mounted on the wiper shaft, with which a gear or further gear segment (135) that is mounted on the drive motor engages.

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

(21) Application No.1613/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: VARIABLE FLOW RESTRICTOR FOR USE IN A SUBTERRANEAN WELL

(51) International

 $: \!\! E21B43/12, \!\! E21B34/06, \!\! E21B21/10 \!\! \mid \!\! (71) \textbf{Name of Applicant:} \\$

classification (31) Priority Document No

:12/869836 :27/08/2010

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

(86) International Application :PCT/US2011/047925

Filing Date

:16/08/2011

(87) International Publication

:WO 2012/027157

No

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

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)HALLIBURTON ENERGY SERVICES INC.

Address of Applicant: 10200 Bellaire Boulevard Houston TX

77072 U.S.A.

(72)Name of Inventor:

1)DYKSTRA Jason D.

2)FRIPP Michael L.

3)HOLDERMAN Luke W.

(57) Abstract:

A variable flow resistance system for use in a subterranean well can include a flow chamber through which a fluid composition flows the chamber having at least one inlet an outlet and at least one structure spirally oriented relative to the outlet whereby the structure induces spiral flow of the fluid composition about the outlet. Another variable flow resistance system for use in a subterranean well can include a flow chamber including an outlet at least one structure which induces spiral flow of a fluid composition about the outlet and at least one other structure which impedes a change in direction of flow of the fluid composition radially toward the outlet.

No. of Pages: 25 No. of Claims: 24

(21) Application No.1614/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: DEVICE AND METHOD FOR DETERMINING SOILING OF OBJECTS

(51) International classification :B08B3/02,B08B3/04,B08B3/14 (71)Name of Applicant :

(31) Priority Document No :10 2010 041 930.3

(32) Priority Date :04/10/2010 (33) Name of priority country :Germany

(86) International Application No: PCT/EP2011/066470

Filing Date :21/09/2011 (87) International Publication No: WO 2012/045582

(61) Patent of Addition to :NA

Application Number :NA Filing Date

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

1)DRR ECOCLEAN GMBH

Address of Applicant: M¹/₄hlenstrasse 12 70794 Filderstadt

Germany

(72)Name of Inventor: 1)DAVID Hermann Josef

2)K,,SKE Egon

(57) Abstract:

The invention relates to a device (100) for determining soiling of objects in particular of workpieces. The device (100) has a rinsing zone (120) for rinsing off dirt particles (178) built up on a single object (102) by means of a fluid. There is a collector unit (142) in the device (100) comprising at least one retaining means (168) for capturing the dirt particles (178) rinsed off of the individual object (102). According to the invention the device (100) comprises a transport unit (152) for displacing the dirt particles (178) captured by means of the at least one retaining means (168) from the individual object (102) to a measuring unit (170). The measuring unit (170) serves for measuring at least one physical parameter of the dirt particles (178) rinsed off of the individual object (102).

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

(21) Application No.552/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: PROCESS FOR PRODUCTION OF FIBRINOGEN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07K14/75 :10177640.9 :20/09/2010 :EPO :PCT/EP2011/066293 :20/09/2011 :WO 2012/038410 :NA :NA :NA	(71)Name of Applicant: 1)OCTAPHARMA AG Address of Applicant:Seidenstrasse 2 CH 8853 Lachen Switzerland (72)Name of Inventor: 1)SCHULZ Petra 2)PAPE Rainer 3)GEHRINGER Werner
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(57) Abstract:

The present invention relates to a method or process for the manufacture of virus and prion save native fibrinogen concentrate of high purity and low amounts of fibrinopeptide A and fibronectin which method comprises the step chromatography on a strong amion grafted with tertiary or quaternary amino groups.

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

(19) INDIA

(22) Date of filing of Application :18/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: IMAGE PROCESSING METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06K9/32 :1012221.6 :21/07/2010 :U.K. :PCT/GB2011/051341 :18/07/2011 :WO 2012/010873 :NA :NA :NA	(71)Name of Applicant: 1)MBDA UK Limited Address of Applicant: Six Hills Way Stevenage Hertfordshire SG1 2DA U.K. (72)Name of Inventor: 1)MARKHAM Keith Christopher 2)SHERRIFF Andrew John 3)TOWNSEND Philip Nathan
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(21) Application No.589/DELNP/2013 A

(57) Abstract:

An image processing method comprising convolving a selected feature of interest (FOI) within the image with a mask of a first size repeating the convolution with a mask of a second size and calculating the ratio of the convolution responses as an indication of the size of the FOI. Preferably the convolution masks are Laplacian of Gaussian. The method can be useful for prioritising potential targets in a field of view for presentation to an operator.

No. of Pages: 22 No. of Claims: 23

(21) Application No.645/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: GENERATOR MOTOR

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application	•	(71)Name of Applicant: 1)KOMATSU LTD. Address of Applicant: 2 3 6 Akasaka Minato ku Tokyo 1078414 Japan (72)Name of Inventor:
No Filing Date (87) International Publication No	:PCT/JP2012/057741 :26/03/2012 :WO 2012/133299	1)SUGIMOTO Yukihiko 2)CHIBA Teiichirou 3)KIKUCHI Takashi
(61) Patent of Addition toApplication NumberFiling Date(62) Divisional to ApplicationNumber	:NA :NA	
•	:NA :NA	

(57) Abstract:

A generator motor (1) comprises a flange (16) that is removably mounted on a hydraulic pump (4) side in the axial direction, stationary-side members (first and second housings (11, 15), a stator (lo), etc.) fixed on an engine (2) side in the axial direction when the flange (16) has been removed, rotor-side members (50) capable of moving toward a hydraulic pump (4) side in the axial direction with respect to the stationary-side members when the flange (16) has been removed, and latching members (30) for restricting relative movement of the flange (16) in the axial direction with respect to the rotor-side members (50).

No. of Pages: 31 No. of Claims: 10

(21) Application No.638/DELNP/2013 A

Address of Applicant: 1 North Waukegan Road North Chicago

(19) INDIA

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: PROCESS FOR PREPARING ANTIVIRAL COMPOUNDS

(51) International classification :C07D239/54,A61K31/522,A61P31/14

(31) Priority Document No :61/365293 (32) Priority Date :16/07/2010 (33) Name of priority

country :U.S.A.

(86) International

Application No :PCT/US2011/044283

:NA

Filing Date :15/07/2011

(87) International Publication No :WO 2012/009699

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

NA
:NA
:NA
:NA

1)SHEKHAR Shashank
2)FRANCZYK Thaddeus S.

3)BARNES David M. 4)DUNN Travis B.

5)HAIGHT Anthony R. 6)CHAN Vincent S.

(71)Name of Applicant:

(72)Name of Inventor:

1)ABBVIE INC.

IL 60064 U.S.A.

(57) Abstract:

Filing Date

This disclosure is directed to: (a) processes for preparing a compound and salts thereof that, inter alia, are useful for inhibiting hepatitis C virus (HCV); (b) intermediates useful for the preparation of the compound and salts; (c) pharmaceutical compositions comprising the compound or salts; and (d) methods of use of such compositions.

No. of Pages: 70 No. of Claims: 49

(21) Application No.641/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013 (43) Publication Date: 17/10/2014

:NA

(54) Title of the invention: HIGH PRESSURE PUMP

(51) International classification :F02M59/10,F04B1/04 (71)Name of Applicant : (31) Priority Document No :10 2010 038 468.2 (32) Priority Date :27/07/2010

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2011/061222 Filing Date :04/07/2011 :WO 2012/013452

(87) International Publication No (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA 1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor: 1)AMBROCK Sascha 2)KRISTEN Marcus 3) GEISELHART Stefanie

(57) Abstract:

Filing Date

The invention relates to a high pressure pump (1), which is used in particular as a radial or series piston pump for fuel injection systems of air-compressing, self-igniting internal combustion engines, comprising at least one pump assembly (6) and one drive shaft (3) which comprises at least one cam (5) assigned to the pump assembly (6). The pump assembly (6) comprises a roller (23) running on the running surface (24) of the cam (5), a roller shoe (22) which receives the roller (23), a tappet body (20) in which the roller shoe (22) is introduced, a pump piston (11) which can be actuated in an actuating direction (13) by the cam (5) by means of the roller (23) and the roller shoe (22) and a carrier element (25) 4pt which carries the pump piston (11) opposite the actuating direction (13). According to the invention, the carrier element (25) is designed as a partially elastically deformable carrier element (25). The carrier element (25) according to the invention further comprises at least one elevation (37) facing the roller shoe (22) on which the pump piston (11) is supported. A play between the pump piston (11) and the roller shoe (22) can thus be reduced according to the invention in such a manner that undesired noises can be reduced. 12

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

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: ENCODING DEVICE ENCODING METHOD DECODING DEVICE AND DECODING METHOD

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:H04N13/00,H04N7/26 :2010198350 :03/09/2010 :Japan :PCT/JP2011/069840 :31/08/2011 :WO 2012/029883 :NA :NA	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant: 1 7 1 Konan Minato ku Tokyo 1080075 Japan (72)Name of Inventor: 1)HATTORI Shinobu 2)TAKAHASHI Yoshitomo 3)YONEMITSU Jun
() I I I I I I I I I I I I I I I I I I	:NA :NA	

(57) Abstract:

The present invention pertains to an encoding device an encoding method a decoding device and a decoding method which enable encoding and decoding of multi view images using a method compatible with current methods. A compatibility encoder encodes an image (A1) that is a compatible image and generates a compatible stream. An image converter converts the resolution of an image (B1) that is an auxiliary image and an image (C1). An auxiliary encoder encodes an auxiliary image for which the resolution has been converted and generates an encoded auxiliary image stream. A compatibility data generation unit generates as compatibility data data specifying the image (A1) as the compatible image. A multiplexing unit transmits the compatible stream the encoded auxiliary image stream and the compatibility data. The present invention can be applied for example to an encoding device that encodes multi view 3D images.

No. of Pages: 269 No. of Claims: 26

(22) Date of filing of Application :21/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: PROCESS TO MAKE OLEFINS FROM METHANOL AND ISOBUTANOL

(51) International classification :C07C1/20,C07C4/06,C07C11/06 (71) Name of Applicant:

:08/07/2011

(31) Priority Document No :10171673.6 (32) Priority Date :03/08/2010

(33) Name of priority country :EPO

(86) International Application :PCT/EP2011/061587

Filing Date

(87) International Publication :WO 2012/016788

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

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

1)TOTAL RESEARCH & TECHNOLOGY FELUY Address of Applicant : Zone Industrielle C B 7181 Seneffe

Belgium

(72)Name of Inventor:

1)ADAM Cindv

2)MINOUX Delphine

3)NESTERENKO Nikolai 4)VAN DONK Sander

5)DATH Jean Pierre

(57) Abstract:

The present invention relates to a process for making essentially ethylene and propylene comprising: a) providing an alcohol mixture (A) comprising about 20 w% to 100% isobutanol b) introducing in a reactor (A) a stream comprising the mixture (A) mixed with methanol or dimethyl ether or mixture thereof optionally water optionally an inert component c) contacting said stream with a catalyst (A1) in said reactor (A) the MTO reactor at conditions effective to convert at least a part of the alcohol mixture (A) and at least a part of the methanol and/or dimethyl ether to olefins d) recovering from said reactor (A) an effluent comprising: ethylene propylene butene water optionally unconverted alcohols various hydrocarbons and the optional inert component of step b) e) fractionating said effluent of step d) to produce at least an ethylene stream a propylene stream a fraction consisting essentially of hydrocarbons having 4 carbon atoms or more water and the optional inert component of step a) optionally recycling ethylene in whole or in part at the inlet of the reactor (A) optionally recycling the fraction consisting essentially of hydrocarbons having 4 carbon atoms or more at the inlet of the reactor (A).

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

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: 4 (4 HALOGENALKYL 3 THIOBENZOYL)PYRAZOLES AND USE THEREOF AS HERBICIDES

(51) International classification	:C07D231/20,A01N43/56	(71)Name of Applicant:
(31) Priority Document No	:10170238.9	1)BAYER INTELLECTUAL PROPERTY GMBH
(32) Priority Date	:21/07/2010	Address of Applicant :Alfred Nobel Strasse 10 40789
(33) Name of priority country	:EPO	Monheim Germany
(86) International Application No	:PCT/EP2011/062304	(72)Name of Inventor:
Filing Date	:19/07/2011	1)AHRENS Hartmut
(87) International Publication No	:WO 2012/010573	2)GATZWEILER Elmar
(61) Patent of Addition to Application	:NA	3)H,,USER HAHN Isolde
Number	:NA	4)ROSINGER Christopher Hugh
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

No. of Pages: 110 No. of Claims: 15

⁴⁻⁽⁴⁻Haloalkyl-3-thiobenzoyl)pyrazoles and use thereof as herbicides 5 A description is given of 4-(4-haloalkyl-3-thiobenzoyl)pyrazoles of the formula (I) and of their use as herbicides. 10 In this formula (I), X, Y, R, R2, R3, and R are radicals such as hydrogen and organic radicals such as alkyl.

(22) Date of filing of Application :21/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: DEVICE AND METHOD FOR DETERMINING THE WEIGHT OF PHARMACEUTICAL PRODUCTS BY MEANS OF AN X RAY SOURCE

(51) International classification :A61J3/07,B65B1/36,B65B1/30 (71)Name of Applicant :

(31) Priority Document No :102010038544.1 (32) Priority Date :28/07/2010

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2011/055817 Filing Date :13/04/2011

(87) International Publication No :WO 2012/013368

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

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

1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor: 1)RUNFT Werner 2)MAGA Iulian 3)VOGT Martin 4)SCHLIPF Jens

(57) Abstract:

The invention relates to a device (10; 10a) for determining the weight of pharmaceutical products (I), in particular of hard gelatin capsules (3; 3a) filled with a pharmaceutical (2), by means of an X-ray source (28), wherein the X-ray source (28) generates a radiation cone (27; 36, 37) which passes through at least one pharmaceutical product (I), and wherein a sensor element (30; 30a) detects the radiation of the irradiated pharmaceutical product (1) and supplies an evaluation device (32). According to the invention, a reference object (35; 35a; 35b) is arranged in the beam path of the radiation cone (27; 36, 37), wherein the radiation of the X-rayed reference object (35; 35a; 3%) is detected by means of the sensor element (30; 30a; 30b) and is supplied to the evaluation device (32), and wherein the pharmaceutical product (1) and the reference object (35; 35a; 3%) are positioned in relation to the radiation cone (27; 36, 37) in an arrangement in which they do not overlap each other in the radiation cone (27; 36,37).

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

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: STORAGE SHELF SYSTEM FOR STORING STORAGE GOODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:11/07/2011 :WO 2012/025290 :NA :NA :NA	(71)Name of Applicant: 1)H,,NEL & CO. Address of Applicant: Bafflesstrasse 21 CH 9450 Altsttten Switzerland (72)Name of Inventor: 1)H,,NEL Joachim
Filing Date	:NA	

(57) Abstract:

The invention relates to a storage shelf system (10) for storing storage goods comprising at least one service opening (18) for introducing and for removing storage goods at least one revolving storage shelf unit (20 30) having a plurality of storage locations and at least one storage shelf unit (40) which has at least one shelving column having storage locations disposed one above the other. The invention further relates to a transfer device (60) for transporting the storage goods (12) from a storage location in the storage shelf unit (40) to a storage location in the revolving storage shelf unit (20 30) and vice versa.

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

(21) Application No.1650/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: GAS COMPONENT EXTRACTION FROM GAS MIXTURE

	(71)Name of Applicant:
:1012439.4	1)CARBON CYCLE LIMITED
:24/07/2010	Address of Applicant :248 Sutton Common Road Sutton
:U.K.	Surrey SM3 9PW U.K.
:PCT/GB2011/051398	(72)Name of Inventor:
:22/07/2011	1)SEVIER David
:WO 2012/013961	
·N A	
*	
.NA	
:NA	
:NA	
	:1012439.4 :24/07/2010 :U.K. :PCT/GB2011/051398 :22/07/2011 :WO 2012/013961 :NA :NA

(57) Abstract:

The present invention relates to a process for extracting a gas component from a gas mixture said process comprising the steps of: providing a gas mixture; passing the gas mixture through a sorbent medium thereby selectively extracting said component; and recycling the sorbent medium; wherein the sorbent medium includes a concentration gradient.

No. of Pages: 34 No. of Claims: 38

(22) Date of filing of Application :21/01/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention : METHOD FOR COLLECTING AND/OR DEPOSITING A SAMPLE OF BIOLOGICAL MATERIAL AND DEVICE IMPLEMENTING SAID METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:C12M1/26 :1055565 :08/07/2010 :France :PCT/FR2011/051631 :08/07/2011 :WO 2012/004545 :NA	(71)Name of Applicant: 1)BIOM%RIEUX Address of Applicant: Chemin de lOrme F 69280 Marcy lEtoile France (72)Name of Inventor: 1)CHARRIER Jean Philippe 2)COLIN Bruno 3)DRAZEK Laurent
	:NA :NA :NA :NA	1 '

(57) Abstract:

The prsent invention relates to a method for collecting the entirety or a portion of a sample (11) of a raw, enriched, or cultivated biological material (7) in contact with a culture mdium (8), for example glose, for example in a Ptri dish, using a probe (3) provided with one termination end (4), said sampling method including the steps of cooling the termination end (4) of the probe (3), adhering the entirety or a portion of the sample (11) of biological material (7) to be collected by contacting or by applying a pressure exerted by the termination end (4) on the sample (11) of biological material (7), and collecting the entirety or a portion of the sample (11) of biological material (7) in order to separate the sample (11) of biological material (7) from the culture mdium (8). The invention also relates to a method for depositing, in a container (9) or on an analysis slide (1), the entirety or a portion of a sample (11) of a biological material (7) adhered to one frosted termination end (4) of a o probe, said dposition method comprising a step of separating the termination end (4) from the c Fig. 1 probe (3) and from the entirety or part of the sample (11) of biological material (7). The o invention further relates to a device (2), kit, and apparatus (1) implementing said methods. (57)

No. of Pages: 34 No. of Claims: 30

(21) Application No.637/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention : N ((6 AMINO PYRIDIN 3 YL)METHYL) HETEROARYL CARBOXAMIDES AS INHIBITORS OF PLASMA KALLIKREIN

(51) International (71)Name of Applicant: :C07D405/14,C07D403/12,C07D413/12 classification 1)NOVARTIS AG (31) Priority Document Address of Applicant :Lichtstrasse 35 CH 4056 Basel :61/370612 Switzerland (72)Name of Inventor: (32) Priority Date :04/08/2010 (33) Name of priority 1)BRANDL Trixi :U.S.A. 2)FLOHR Stefanie country (86) International 3)KOPEC Sebastian :PCT/EP2011/063389 Application No 4)LACHAL Julie :03/08/2011 Filing Date 5)MARKERT Christian (87) International 6)NAMOTO Kenji :WO 2012/017020 Publication No 7)NGANGA Perle (61) Patent of Addition to :NA 8)PIRARD Bernard **Application Number** 9)RENATUS Martin :NA Filing Date 10)SEDRANI Richard (62) Divisional to 11)ZOLLER Thomas

(57) Abstract:

Application Number

Filing Date

The invention relates to compound of the formula (I) in which the substituents are as defined in the specification; in free form or in salt form; to its preparation to its use as medicament and to medicaments comprising it.

No. of Pages: 217 No. of Claims: 15

:NA

:NA

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: DEVICE FOR PRODUCING PROCESSED CHEESE PORTIONS

(51) International classification :F16M1/00,A23C19/08 (71)Name of Applicant : (31) Priority Document No :10 2010 035 522.4 1)HOCHLAND SE (32) Priority Date Address of Applicant : Kemptener Strasse 17 88178 :25/08/2010 (33) Name of priority country Heimenkirch Germany :Germany :PCT/EP2011/062494 (86) International Application No (72)Name of Inventor: 1)BIGGEL Andreas Filing Date :21/07/2011 2)SCHMIDT Sebastian (87) International Publication No :WO 2012/025313 (61) Patent of Addition to Application 3)BECHTELER Richard :NA 4)BURGER Josef :NA 5)HANDERER Thomas Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a device for producing processed cheese portions comprising a plurality of modules that are arranged successively in the direction of production in which the processed cheese is formed into a band cooled and divided into portions wherein the modules define a production space through which the processed cheese travels during the production of the processed cheese portions. The production space is enclosed by a spray proof casing wherein the casing comprises a frame structure and a plurality of sheet metal elements which are detachably connected to the frame structure and wherein a sealing hose is arranged between a sheet metal element and the area of the frame structure opposite thereto and encircles the sheet metal element or the area of the frame structure opposite thereto.

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

(19) INDIA

(22) Date of filing of Application :18/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: MERCHANDISER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A47F1/00 :12/828345 :01/07/2010 :U.S.A. :PCT/US2011/042324 :29/06/2011 :WO 2012/003206 :NA :NA :NA	(71)Name of Applicant: 1)THE COCA COLA COMPANY Address of Applicant: One Coca Cola Plaza NW Atlanta GA 30313 U.S.A. (72)Name of Inventor: 1)ROEKENS Jurgen 2)CARPENTIER Bart 3)PAS David 4)KLINE Michael
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(21) Application No.562/DELNP/2013 A

(57) Abstract:

The present application provides a merchandiser. The merchandiser may include an ambient compartment with at least one ambient product therein a temperature controlled compartment with at least one temperature controlled product therein and a vending module in communication with the temperature controlled compartment such that the vending module dispenses a temperature controlled product in response to an ambient product being placed in the vending module.

No. of Pages: 27 No. of Claims: 23

(21) Application No.622/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : USE OF HYDROXYPYRIDONES OR SALTS THEREOF FOR STABILIZING HYDROGEN PEROXIDE OR HYDROGEN PEROXIDE DONOR SUBSTANCES

(51) International classification :C01B15/037 (71)Name of Applicant: (31) Priority Document No :10 2010 032 371.3 1)CLARIANT FINANCE (BVI) LIMITED :27/07/2010 (32) Priority Date Address of Applicant : Citco Building Wickhams Cay P.O. (33) Name of priority country Box 662 Road Town Tortola VIRGIN ISLANDS :Germany (86) International Application No :PCT/EP2011/003537 (72)Name of Inventor: Filing Date 1)KLUG Peter :15/07/2011 :WO 2012/019689 (87) International Publication No 2)PILZ Maurice Frederic (61) Patent of Addition to Application 3)BACK Ute :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A description is given of the use of hydroxypyridones or the salts thereof for stabilizing hydrogen peroxide or hydrogen peroxide donor substances. The stabilization takes place preferably in aqueous compositions.

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

(22) Date of filing of Application :21/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: AQUEOUS COMPOSITIONS FOR WHITENING AND SHADING IN COATING APPLICATIONS

(51) International :D21H21/28,D21H21/30,D21H21/32 classification

(31) Priority Document No :10006814.7 (32) Priority Date :01/07/2010 (33) Name of priority

·EPO country

(86) International :PCT/EP2011/003047 Application No

:21/06/2011 Filing Date

(87) International

:WO 2012/000624 Publication No

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

(71)Name of Applicant:

1)CLARIANT FINANCE (BVI) LIMITED

Address of Applicant : Citco Building Wickhams Cav P.O.

Box 662 Road Town Tortola VIRGIN ISLANDS

(72)Name of Inventor:

1)GRETHER SCHENE Heidrun

2)KLEIN Cedric

3)PUDDIPHATT David

(57) Abstract:

Aqueous coating composition for optical brightening and shading of substrates comprising (a) at least one optical brightener of formula (I) in which the anionic charge on the brightener is balanced by a cationic charge composed of one or more identical or different cations selected from the group consisting of hydrogen an alkali metal cation alkaline earth metal ammonium which is mono di tri or tetrasubstituted by a C C linear or branched alkyl radical ammonium which is mono di tri or tetrasubstituted by a C C linear or branched hydroxyalkyi radical ammonium which is di tri or tetrasubstituted by a mixture of C C linear or branched alkylradical and linear or branched hydroxyalkyi radical or mixtures of said compounds R and R' may be the same or different and each is hydrogen C C linear or branched alkyl C2 C4 linear or branched hydroxyalkyi CHCO CHCHCONHor CHCHCN R and R'may be the same or different and each is C C linear or branched alkyl C C linear or branched hydroxyalkyl CHCO CH(CO)CHCO CH(CO)CHCHCO CHCHSO CHCHCO CHCH(CH)CO benzyl or R and R and/or R' and R' together with the neighboring nitrogen atom signify a morpholine ring and p is 0 1 or 2 (b) at least one shading dye of formula (II) in which R signifies H methyl or ethyl R signifies paramethoxyphenyl methyl or ethyl M signifies a cation selected from the group consisting of hydrogen an alkali metal cation alkaline earth metal ammonium ammonium which is mono di tri or tetrasubstituted by a C C linear or branched alkyl radical ammonium which is mono di tri or tetrasubstituted by a C C linear or branched hydroxyalkyl radical ammonium which is di tri or tetrasubstituted by a mixture of C C linear or branched alkylradical and linear or branched hydroxyalkyl radical or mixtures of said compounds (c) at least one white pigment (d) at least one primary binder (e) optionally one or more secondary binders and (f) water.

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

(22) Date of filing of Application :21/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: FEED FORWARD CONTROL SIGNALING AND DECODING SCHEMES

(51) International classification :H04L27/26,H04B7/04,H04B7/26 (71)Name of Applicant:

:06/07/2011

(31) Priority Document No :61/373538 (32) Priority Date :13/08/2010 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2011/043013

Filing Date

(87) International Publication :WO 2012/021226

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

:NA Number :NA Filing Date

1)NEC LABORATORIES AMERICA INC

Address of Applicant: 4 Independence Way Suite 200

Princeton New Jersey 08540 U.S.A.

(72)Name of Inventor:

1)KHOJASTEPOUR Mohammad

2)PRASAD Narayan

3)RANGARAJAN Sampath

(57) Abstract:

Systems and methods for conveying wireless transmission allocation information are disclosed. In accordance with one method an index indicating selected data stream parameters is received. In addition an indication of a number of transmit antennas at a transmitter from which the data stream is transmitted is also received. Further the selected parameters are determined from the index based on the number of transmit antennas at the transmitter. Moreover data signals are received and processed with a processor in accordance with the selected data stream parameters.

No. of Pages: 35 No. of Claims: 20

(21) Application No.644/DELNP/2013 A

3)KLINKHAMMER Norbert

(19) INDIA

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : LANCE HAVING A DISCHARGE NOZZLE FOR DEBURRING AND/OR CLEANING WORKPIECES

(51) International classification :B24C3/32,B24C5/04,B24C1/08 (71)Name of Applicant:

(31) Priority Document No :10 2010 040 363.6 1) DRR ECOCLEAN GMBH

(32) Priority Date :07/09/2010 Address of Applicant :M¹/₄hlenstrasse 12 70794 Filderstadt

(33) Name of priority country :Germany Germany

(86) International Application No :PCT/EP2011/064688 Filing Date :26/08/2011 (72)Name of Inventor : 1)DAVID Hermann Josef

(87) International Publication No: WO 2012/031906 2)K,,SKE Egon

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

(62) Divisional to Application
Number
:NA

Filing Date :NA

Filing Date

(57) Abstract:

The invention relates to a lance for deburring or cleaning workpieces (24). The lance (10) can be designed as a rotary lance. The lance has a lance base (12). The lance comprises at least one nozzle (14, 16), received on the lance base (12), for generating a fluid jet (18, 20). The lance (10) has an interior inside the lance base (12) which interior functions as a fluid channel (15) through which high-pressure fluid can be supplied to the nozzle (14, 16). According to the invention, the nozzle (14, 16) is formed in an insert (38,76,110) extending into the interior (15) and fixed to the lance base (12,72).

No. of Pages: 19 No. of Claims: 17

(21) Application No.561/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: INFRARED EMITTING THERAPEUTIC AIDS AND MEDICAL PRODUCTS

(51) International :A61L15/18,A61L15/42,A61L27/44 classification

(31) Priority Document No :BL2010A000010 (32) Priority Date :02/07/2010

(33) Name of priority country: Italy

(86) International Application :PCT/IB2011/052859

:29/06/2011 Filing Date

(87) International Publication :WO 2012/001639

No

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

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

(71)Name of Applicant: 1)SALTERI Sergio Ettore

Address of Applicant : Via G. Mameli 59 I 32100 Belluno Italy

(72)Name of Inventor: 1)SALTERI Sergio Ettore

(57) Abstract:

The invention regards the use of a composition which emits and/or reflects light energy in the far infrared containing a polymeric matrix and a ceramic material in the preparation of therapeutic devices or sanitary articles intended for the treatment of diseases and/or disorders of the tonic/postural system. The invention further regards therapeutic devices or sanitary articles containing said composition in particular orthodontic devices glasses and plasters.

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

(21) Application No.585/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: SAFE AND FUNCTIONAL HUMANIZED ANTI BETA AMYLOID ANTIBODY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K39/00 :61/400650 :30/07/2010 :U.S.A. :PCT/US2011/045948 :29/07/2011 :WO 2012/016173 :NA :NA	(71)Name of Applicant: 1)AC IMMUNE S.A. Address of Applicant: PSE Building B EPFL CH 1015 Lausanne Switzerland 2)GENENTECH INC. (72)Name of Inventor: 1)PFEIFER Andrea 2)MUHS Andreas 3)ADOLFSSON Oskar 4)WATTS Ryan
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(57) Abstract:

The present disclosure is related to safe and functional humanized antibeta antibodies for the therapeutic and diagnostic use in th treatment of an amyloidosis a group of disorders and abnormalities associated with amyloid protein such as Alzheimer's disease

No. of Pages: 109 No. of Claims: 29

(21) Application No.609/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention : ELECTROCHEMICAL ANODES HAVING FRICTION STIR WELDED JOINTS AND METHODS OF MANUFACTURING SUCH ANODES

(57) Abstract:

An electrochemical anode is formed using friction stir welded (FSW) joints. A FSW joint may be formed between the bus bar and anode sheet or the lead encapsulation and anode sheet. The FSW joints may also comprise fillet and butt joints. FSW joints may also be utilized to seal the ends of the electrochemical anodes to prevent corrosion.

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

(21) Application No.633/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: A BLOOD TEST STRIP AND AN INTRAVENOUS CATHETER SYSTEM

(51) International classification :A61B5/145,A61M25/00,A61M25/06

(31) Priority Document No :61/364551 (32) Priority Date :15/07/2010

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

country

(86) International :PCT/US2011/043890

Application No
Filing Date

113/07/2011

(87) International

Publication No :WO 2012/009457

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

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

(71)Name of Applicant:

1)BECTON DICKINSON AND COMPANY

Address of Applicant :1 Becton Drive Mail Code 110 Franklin

Lakes New Jersey 07417 1880 U.S.A.

(72)Name of Inventor:

1)BURKHOLZ Jonathan Karl

(57) Abstract:

A blood test strip useful for venting a closed intravenous system and collecting a blood sample is described herein. The blood test strip includes a blood test strip one or more vents and a gripping member coupled to the proximal end of the blood test strip. The one or more vents are disposed between the distal and the proximal portions of the blood test strip.

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

(21) Application No.636/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: PROTECTIVE FOOT FOR A UNIT LOAD IN PARTICULAR CONCRETE TOWER SEGMENTS

(51) International classification :B65D90/12,E04H12/12,F03D11/04

(31) Priority Document No :10 2010 038 311.2

(32) Priority Date :23/07/2010
(33) Name of priority country :Germany

(86) International Application :PCT/EP2011/062703

No :25/07/2011

Filing Date .23/07/2011

(87) International Publication :WO 2012/010710

(61) Patent of Addition to Application Number :NA

Filing Date

(62) Divisional to Application
:NA
Number
:NA

Filing Date (57) Abstract :

(71)Name of Applicant:

1)WOBBEN PROPERTIES GMBH

Address of Applicant :Dreekamp 5 26605 Aurich Germany

(72)Name of Inventor : 1)ALBRECHTS Harald

The invention concerns a protective foot for a piece goods item, in particular a pylon section segment or a concrete pylon segment of a wind power installation. The protective foot has a piece goods item having a bottom plate (1) for receiving an end of the item (100) and a fixing unit for releasable fixing to the first end of the item.

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

(21) Application No.606/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: CHAMBERED CAP WITH REINFORCING RIBS AND HOOK

(51) International classification :B65D39/08,B65D41/08,B65D43/02

(31) Priority Document No :2010125858 (32) Priority Date :24/06/2010

(33) Name of priority country:Russia

(86) International :PCT/RU2011/000445

Application No Filing Date :23/06/2011

(87) International Publication :WO 2011/162642

(61) Patent of Addition to

Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)VIHOREV Dmitry Vladimirovich

Address of Applicant :ul. Svobody 5 196 Zheleznodorozhny

143983 Russia

(72)Name of Inventor:

1)VIHOREV Dmitry Vladimirovich

The claimed invention is directed to enhancing the strength properties of the upper chamber of a cap and improving the reliability of the entire article under different working conditions by providing the walls of the upper chamber (3) thereof with reinforcing ribs (4).

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

⁽⁵⁷⁾ Abstract:

(22) Date of filing of Application :21/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: PISTON FOR A DAMPING ADJUSTABLE SHOCK ABSORBER PARTICULARLY FOR A VEHICLE SUSPENSION PROVIDED WITH FOUR PASSIVE FLOW CONTROL VALVES AND WITH A FLOW DIVIDING SOLENOID VALVE

(51) International classification :F16F9/348.F16F9/46.F16F9/516 (71) Name of Applicant:

(31) Priority Document No :TO2010A000675 (32) Priority Date :04/08/2010

(33) Name of priority country :Italy

(86) International Application :PCT/EP2011/063479

No

:04/08/2011

:NA

(87) International Publication No:WO 2012/017050

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

(62) Divisional to Application :NA Number

Filing Date

Filing Date

1)SISTEMI SOSPENSIONI S.P.A.

Address of Applicant : Viale Aldo Borletti 61/63 I 20011

Corbetta (Milano) Italy (72)Name of Inventor: 1)DE LILLO Gianfranco 2)TRINCHERA Massimo 3)BRUNO Walter

(57) Abstract:

The piston (10) comprises a first pair of passive flow control valves (18 20) namely a first compensation valve (18) and a first rebound valve (20) a second pair of passive flow control valves (22 24) namely a second compensation valve (22) and a second rebound valve (24) and a flow dividing solenoid valve (14) shiftable between a first operating position in which it allows the flow of a damping fluid between an upper chamber and a lower chamber of the shock absorber both through the first pair of passive flow control valves (18 20) and through the second pair of passive flow control valves (22 24) and a second operating position in which it allows the flow of the damping fluid between the upper chamber and the lower chamber of the shock absorber only through the second pair of passive flow control valves (22 24). The solenoid valve (14) is normally open i.e. it is normally kept in the first operating position.

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

(22) Date of filing of Application :21/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: UNSATURATED POLYESTER RESINS MODIFIED BY SUBSTITUTION WITH LACTIC ACID OF AN ACID AND ALCOHOL COMPONENT OF THE POLYESTER

(51) International $:\!C08G63/08,\!C08G63/52,\!C08G63/60$ classification

(31) Priority Document No :10/03105

(32) Priority Date :22/07/2010 (33) Name of priority country: France

(86) International :PCT/EP2011/002796

Application No :08/06/2011 Filing Date

(87) International Publication :WO 2012/010234

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

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

(71)Name of Applicant: 1)CCP COMPOSITES

Address of Applicant :16 32 rue Henri Regnault La Dfense 6 F

92400 Courbevoie France (72)Name of Inventor: 1)CLEDAT Guillaume 2)GADEA UGARTE Oscar 3)MAZAJCZYK Jr'me 4)ROYO Jose Ignacio

(57) Abstract:

The invention relates to an unsaturated polyester resin comprising a) a lactic acid-modified unsaturated polyester and b) a copolymerizable comonomer, with a substitution, with lactic acid, in the composition of an initial polyester, of: i) up to 90 mol% of phthalic anhydride of the acid component of the initial polyester, wherein the acid component comprises from 80 to 20 mol% of maleic anhydride (MA) or fumaric acid, and from 20 to 80 mol% of phthalic anhydride (PA), the polyol component of the initial polyester comprising from 50 to 100 mol% of propylene glycol (PG) and from 0 to 50% of a polyol among ethylene glycol (EG), diethylene glycol (DEG), dipropylene glycol (DPG) and/or 1,3-butylene glycol and/or 1,4-butanediol and/or neopentyl glycol (NPG), ii) up to 100% of a polyol among DPG and DEG, present at an overall initial molar content ranging up to 50% of the polyol component of the initial polyester and also comprising PG, with the acid component of the initial polyester being maleic anhydride (MA) or fumaric acid, optionally in the presence of up to 20 mol%, relative to the acid component, of phthalic anhydride (PA), and in this case with a substitution also of the initial phthalic anhydride (PA), with the lactic acid, ranging up to loo%, and with the molar ratio of lactic acid relative to the acid component, without including the lactic acid, of said polyester a) being at most 1.75. The invention also relates to a thermosetting composition comprising the resin, and to the uses of these thermosetting compositions and resins in moulding compositions or in general purpose compositions.

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

(21) Application No.650/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention: (4 HALOGENALKYL 3 THIOBENZOYL)CYCLOHEXANEDIONES AND USE THEREOF AS **HERBICIDES**

(51) International :C07C317/24,C07C317/44,C07C323/22

classification

(31) Priority Document :10170231.4

(32) Priority Date :21/07/2010

(33) Name of priority :EPO

country

(86) International :PCT/EP2011/062306 Application No

:19/07/2011 Filing Date

(87) International

:WO 2012/010575 Publication No

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

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

(71)Name of Applicant:

1)BAYER INTELLECTUAL PROPERTY GMBH

Address of Applicant : Alfred Nobel Strasse 10 40789

Monheim Germany

(72)Name of Inventor:

1)AHRENS Hartmut

2)FEUCHT Dieter

3)GATZWEILER Elmar

4)H,,USER HAHN Isolde

5)ROSINGER Christopher Hugh

(57) Abstract:

A description is given of (4-haloalkyl-3-thiobenzoyl)cyclohexanediones of the formula (I) and of their use as herbicides. In this formula (I), X, Y, R, R2, R a,nd Ra re radicals such as hydrogen and organic radicals such as alkyl. A and Z are oxygen or alkylene.

No. of Pages: 100 No. of Claims: 15

(21) Application No.179/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 07/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: NALBUPHINE BASED FORMULATIONS AND USES THEREOF

(51) International classification :A61K9/20,A61K9/28,A61K9/50 (71)Name of Applicant:

(31) Priority Document No :10 56689 (32) Priority Date :20/08/2010

(33) Name of priority country :France

(86) International Application :PCT/FR2011/051929

No :18/08/2011 Filing Date

(87) International Publication No:WO 2012/022919

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)DEBREGEAS ET ASSOCIES PHARMA

Address of Applicant :79 rue de Miromesnil F 75008 Paris

(72)Name of Inventor:

1)LEBON Christophe 2)SUPLIE Pascal 3)PAUL David Olivier

(57) Abstract:

Immediate release, oral, pharmaceutical formulation comprising nalbuphine or a pharmaceutically acceptable salt thereof, and at least one hydrophilic granulation carrier, one hydrophilic binder and one lubricant.

No. of Pages: 25 No. of Claims: 18

(21) Application No.564/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: GEL BAIT FOR CONTROLLING CRAWLING HARMFUL INSECTS

(51) International (71)Name of Applicant: :A01N25/00,A01N25/28,A01N47/38 classification 1)BAYER INTELLECTUAL PROPERTY GMBH (31) Priority Document No :10170117.5 Address of Applicant: Alfred Nobel Strasse 10 40789 (32) Priority Date :20/07/2010 Monheim Germany (33) Name of priority (72)Name of Inventor: :EPO 1)GUTSMANN Volker country (86) International 2)B-CKER Thomas :PCT/EP2011/062126 Application No 3)NENTWIG Guenther :15/07/2011 Filing Date (87) International :WO 2012/010509 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA

(57) Abstract:

Filing Date

The invention relates to the provision of a novel gel bait for controlling harmful insects, in particular crawling insects. The invention furthermore relates to the use of such baits, to methods of preparing such baits, and to methods for controlling harmful insects.

No. of Pages: 22 No. of Claims: 14

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHODS AND KITS FOR THE DIAGNOSIS OF PROSTATE CANCER

(51) International classification	:C12Q1/68	(71)Name of Applicant:
(31) Priority Document No	:10382194.8	1)FUNDACI INSTITUT DE RECERCA HOSPITAL
(32) Priority Date	:14/07/2010	UNIVERSITARI VALL DHEBRON FUNDACI PRIVADA
(33) Name of priority country	:EPO	Address of Applicant :Passeig Vall dHebron 119 129 E 08035
(86) International Application No	:PCT/EP2011/062049	Barcelona Spain
Filing Date	:14/07/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2012/007545	1)DOLL Andreas
(61) Patent of Addition to Application	:NA	2)RIGAU RESINA Marina
Number	:NA	3)MOROTE ROBLES Juan
Filing Date	.11/1	4)ABAL POSADA Miguel
(62) Divisional to Application Number	:NA	5)REVENTS PUIGJANER Jaume
Filing Date	:NA	

(57) Abstract:

The invention relates to methods and kits for the diagnosis of prostate cancer (PCa) in a subject for assessing or monitoring the response to a therapy in a subject having PCa or for monitoring the progression of prostate cancer PCa based on the detection of alteration in the expression levels of at least one gene selected from the group of PC A3 PSMA and PSGR. The invention relates as well to methods for assessing whether a subject has to be subjected to a prostate biopsy said subject having a serum PSA range within 4 10 ng/mL.

No. of Pages: 81 No. of Claims: 20

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: DIRECT SOLAR STEAM GENERATION

(51) International classification	:F24J2/04,F24J2/24,F24J2/10	(71)Name of Applicant:
(31) Priority Document No	:61/361512	1)GLASSPOINT SOLAR INC.
(32) Priority Date	:05/07/2010	Address of Applicant :46485 Landing Parkway Fremont CA
(33) Name of priority country	:U.S.A.	94538 U.S.A.
(86) International Application No	:PCT/US2011/042906	(72)Name of Inventor:
Filing Date	:03/07/2011	1)ODONNELL John Setel
(87) International Publication No	:WO 2012/006257	2)VON BEHRENS Peter Emery
(61) Patent of Addition to	:NA	3)HEISLER Stuart M.
Application Number		
Filing Date	:NA	
(62) Divisional to Application	·Nī A	
Number	:NA	
Filing Date	:NA	

(57) Abstract:

Solar energy generates steam in a once through configuration without recirculation with closely managed steam quality to produce wet steam from high contaminant feed water without scaling or fouling. Feed water is pressurized preheated and evaporated in a series of pipes exposed to concentrated solar energy to produce a water steam mixture for direct distribution to an industrial process such as enhanced oil recovery or desalination. Water flow rates are managed based on measurements of solar energy and steam production to manage variations in the solar energy. Steam generator piping system uses continuous receiver pipe that is illuminated by segmented parabolic mirrors enabled to track the sun. Provisions for steam generator piping recurring maintenance are provided. Thermal energy from hot condensate and/or from low quality steam is recaptured and warms inlet water.

No. of Pages: 35 No. of Claims: 60

(21) Application No.640/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: POWER SUPPLY UNIT FOR A VEHICLE ELECTRICAL SYSTEM OF A MOTOR VEHICLE

(51) International :H02P9/48,H01L29/872,G01R31/36 classification

(31) Priority Document No :10 2010 031 640.7 (32) Priority Date :22/07/2010

(33) Name of priority country: Germany

(86) International Application :PCT/EP2011/061989

:13/07/2011 Filing Date

(87) International Publication :WO 2012/010484

No

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

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor:

1)WOLF Gert 2) EINBOCK Stefan 3)JAROS Rolf 4)SUELZLE Helmut

(57) Abstract:

The invention relates to an improved power supply unit for a vehicle electrical system of a motor vehicle, comprising an alternating current generator (10) providing a phase signal and having an excitation coil (29), a field controller (66) associated with the excitation coil (29), and a rectifier (69) having rectifier elements (58) for rectifying the generator voltage provided by the alternating current generator. The field controller (66) has a voltage detection range for analyzing the phase signal, having a minimum value and a maximum value, wherein the maximum value is adapted to the nominal voltage of a power supply unit (10, 61) of the motor vehicle.

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

(21) Application No.1660/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: MONOHYDRATE OF AN AZAADAMANTANE DERIVATIVE

(51) International classification :C07D471/08,A61K31/439,A61P25/00 (31) Priority Document No :61/385674 (32) Priority Date :23/09/2010 (33) Name of priority

country :U.S.A.

(86) International

Application No :PCT/US2011/052668 :21/09/2011

Filing Date (87) International

Publication No :WO 2012/040404

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

(71)Name of Applicant:

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Address of Applicant: 1 North Waukegan Road North Chicago

IL 60064 U.S.A.

(72)Name of Inventor:
1)CHEN Shuang
2)NAPIER James J.
3)ZHANG Geoff G. Z.

4)BRACKEMEYER Paul J.

(57) Abstract:

The invention relates to a crystalline monohydrate of () 4 (5 phenyl 1 3 4 thiadiazol 2 yloxy) 1 azatricyclo[3.3.1.1]decane dihydrogen citrate compositions comprising such compound and a process for preparing such compound.

No. of Pages: 64 No. of Claims: 49

(22) Date of filing of Application: 17/01/2013

(21) Application No.554/DELNP/2013 A

(43) Publication Date: 17/10/2014

(54) Title of the invention: ELECTROCHEMICALLY TREATED NUTRIENT SOLUTIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C05D9/00 :61/362974 :09/07/2010 :U.S.A. :PCT/US2011/043590 :11/07/2011 :WO 2012/006630 :NA :NA	(71)Name of Applicant: 1)PURICORE INC. Address of Applicant:508 Lapp Road Malvern Pennsylvania 19355 U.S.A. (72)Name of Inventor: 1)PANICHEVA Svetlana 2)SAMPSON Mark N.
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(57) Abstract:

(19) INDIA

The invention relates to nutrient compositions for agricultural applications and methods for plant or crop growth and care. The nutrient composition comprises a potassium based nutrient solution enriched by electrochemical treatment. In various embodiments the potassium based nutrient composition comprises hypochlorous acid. The present invention involves the use of the nutrient compositions or solutions among other things in pre harvest and post harvest treatments and in environmental and soil disinfection.

No. of Pages: 24 No. of Claims: 46

(21) Application No.566/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: NUT AND COMBINATION OF A BOLT PART AND A NUT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16B37/08 :10 2010 036 482.7 :19/07/2010 :Germany :PCT/EP2011/061475 :07/07/2011 :WO 2012/019832 :NA :NA :NA	(71)Name of Applicant: 1)GUSTAV KLAUKE GMBH Address of Applicant : Auf dem Knapp 46 42855 Remscheid Germany (72)Name of Inventor: 1)FRENKEN Egbert
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(57) Abstract:

The invention relates to a nut having a first part (11) comprising a first through passage (O) and having a second part (12) having a through passage (O) comprising an opening contour wherein the parts (11 12) are rotatably connected about an axis of rotation (A) passing through the openings (O O) and the openings (O O) overlap each other wherein the first opening (O) further comprises on the inner face thereof a profile extending in the circumferential direction and interrupted in the circumferential direction. In order to provide a nut that can be quickly applied to a threaded bolt and having a simple construction allowing greater security against pulling out the threaded bolt according to the invention the opening contour of the second opening is not round. The invention further relates to a combination of a bolt (4) having a cross sectional area and a nut (10).

No. of Pages: 39 No. of Claims: 8

(21) Application No.578/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: POLYPEPTIDIC TYROSINASE INHIBITOR

(51) International classification :C07K5/062,C07K5/087,C07K5/093

(31) Priority Document No :201010237729.2 (32) Priority Date :27/07/2010

(33) Name of priority country:China

(86) International Application No :PCT/CN2011/077578

Filing Date :25/07/2011

(87) International Publication :WO 2012/013136

(61) Patent of Addition to

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

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

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EDUCATION

Address of Applicant :Jin De Campus No.1 Jin De Road

Changhua Taiwan 500 China (72)Name of Inventor:

(/2)Name of Inventor 1)HSIAO Nai wan

2)TSAI Keng chang

(57) Abstract:

A novel tyrosinase inhibitor being a short peptide of 2-5 amino acids. The present invention also provides the use of the inhibitor in preparing cosmetics such as whitening agent.

No. of Pages: 74 No. of Claims: 16

(21) Application No.625/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : COMPOSITIONS AND METHODS FOR IMPROVED ORGAN TRANSPLANT PRESERVATION AND ACCEPTANCE

(51) International classification :A61K9/127,A61K31/137,A01N1/02

(31) Priority Document No :10008555.4 (32) Priority Date :17/08/2010

(33) Name of priority :EPO

country .EPC

(86) International PCT/EP2011/064074
Application No

Filing Date :16/08/2011

(87) International Publication No :WO 2012/022737

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

(71)Name of Applicant: 1)NOVALIO GMBH

Address of Applicant :Im Neuenheimer Feld 515 69120

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(72)Name of Inventor:
1)THEISINGER Bastian
2)THEISINGER Sonja
3)GNTHER Bernhard

(57) Abstract:

The invention provides a novel aqueous composition for the storage and preservation of transplants such as organ or tissue allografts. The composition comprises the compound N octanoyl dopamine in solubilised form. The composition may also be administered as a pre treatment of transplant donors. Moreover it may be used in transplant recipients optionally in combination with immunosuppressants.

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

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: NEGATIVE ADD LIQUID MENISCUS LENS

(51) International classification :G02B3/14,A61F2/16,G02B1/04 (71)Name of Applicant : (31) Priority Document No 1)JOHNSON & JOHNSON VISION CARE INC. :61/376044 (32) Priority Date Address of Applicant: 7500 Centurion Parkway Jacksonville :23/08/2010 (33) Name of priority country :U.S.A. FL 32256 U.S.A. (72)Name of Inventor: (86) International Application No: PCT/US2011/047906 1)PUGH Randall B. Filing Date :16/08/2011

(57) Abstract:

The present invention relates generally to an arcuate liquid meniscus lens with a meniscus wall. Some specific embodiments include a liquid meniscus lens with a meniscus wall essentially a conical frustum and at least a portion of the conical frustum concave in relation to the optical axis. An application of an electrical current to the meniscus wall provides for a increase in negative power in an optical quality provided by the liquid meniscus lens. Embodiments may also include a lens of suitable size and shape for inclusion in a contact lens.

No. of Pages: 33 No. of Claims: 31

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: CATALYTIC DEHYDRATION OF LACTIC ACID AND LACTIC ACID ESTERS

(51) International classification	:C12P7/62,C12P7/42,C12P7/52	(71)Name of Applicant:
(31) Priority Document No	:61/402913	1)MYRIANT CORPORATION
(32) Priority Date	:07/09/2010	Address of Applicant :66 Cummings Park Woburn MA 01801
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/050707	(72)Name of Inventor:
Filing Date	:07/09/2011	1)OZMERAL Cenan
(87) International Publication No	:WO 2012/033845	2)GLAS Joseph P.
(61) Patent of Addition to	:NA	3)DASARI Rajesh
Application Number	:NA	4)TANIELYAN Setrak
Filing Date	.IVA	5)BHAGAT Ramesh Deoram
(62) Divisional to Application	:NA	6)KASIREDDY Mohan Reddy
Number	:NA	
Filing Date	.11/1	

(57) Abstract:

This invention relates to catalytic dehydration of lactic acid derived from biological fermentation and its esters into acrylic acid and acrylic acid esters respectively. Disclosed in this invention are chemical catalysts suitable for industrial scale production of acrylic acid and acrylic acid esters. This invention also provides an industrial scale integrated process technology for producing acrylic acid and acrylic acid esters from biological fermentation using renewable resources and biological catalysts.

No. of Pages: 69 No. of Claims: 15

(21) Application No.621/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : COMBINATION OF SILOXANE AND ACTIVE INGREDIENT FOR TREATING DENTAL DISORDER

(51) International classification :A61K31/437,A61K9/00,A61K47/24

(31) Priority Document No :10007536.5 (32) Priority Date :21/07/2010

(33) Name of priority :EPO

country

(86) International PCT/EP2011/061953 Application No

Filing Date :13/07/2011

(87) International Publication No :WO 2012/010478

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

(71)Name of Applicant:

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Address of Applicant : Kaiser Wilhelm Allee 20 51373

Leverkusen Germany (72)Name of Inventor: 1)SCHULZ Hans H.

(57) Abstract:

The invention relates to a pharmaceutical composition comprising a siloxane according to general formula (I) wherein R means C C alkyl; R and R each mean independently of one another C C alkyl or together form a (2n) membered ring; and n is an integer of from 2 to 8; for use in combination with a pharmacologically active ingredient in the prophylaxis or treatment of a dental disorder.

No. of Pages: 31 No. of Claims: 16

(21) Application No.634/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: A CATHETER ASSEMBLY AND PIERCED SEPTUM VALVE

(51) International :A61M25/06,A61M39/04,A61M39/06 classification

(31) Priority Document No :61/364576 (32) Priority Date :15/07/2010

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

country

(86) International :PCT/US2011/028723 Application No

:16/03/2011 Filing Date

(87) International

:WO 2012/009029 Publication No

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

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

(71)Name of Applicant:

1)BECTON DICKINSON AND COMPANY

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Lakes New Jersey 07417 1880 U.S.A.

(72)Name of Inventor: 1)STOUT Marty L.

2)BURKHOLZ Jonathan K. 3)ANJEWIERDEN Douglas

(57) Abstract:

A septum activator is disclosed herein. The septum activator (111) has an outer tubular body (113) and an inner tubular body (115). The outer tubular body and the inner tubular body each have a plurality of openings (117 118 120 122) therein. The inner tubular body has a first position relative to the outer tubular body and a second position relative to outer tubular body. In the first position the plurality of openings of the inner tubular body do not overlap with the plurality of openings in the outer tubular body. In the second position the plurality of openings of the inner tubular body overlap with the plurality of openings of the inner tubular body.

No. of Pages: 43 No. of Claims: 20

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: AQUEOUS COMPOSITIONS FOR SHADING IN COATING APPLICATIONS

(51) International classification :D21H21/28,D21H21/30,D21H21/32 (31) Priority Document No :10006815.4 (32) Priority Date :01/07/2010 (33) Name of priority country (86) International Application No Filing Date (87) International

(87) International Publication No :WO 2012/000625

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

(71)Name of Applicant:

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(72)Name of Inventor:

1)GRETHER SCHENE Heidrun

2)PUDDIPHATT David

(57) Abstract:

Aqueous coating composition for shading substrates preferably paper comprising (a) at least one shading dye of formula (I) in which R signifies H methyl or ethyl R signifies paramethoxyphenyl methyl or ethyl M signifies a cation selected from the group consisting of hydrogen an alkali metal cation alkaline earth metal ammonium ammonium which is mono di tri or tetrasubstituted by a C C linear or branched alkyl radical ammonium which is mono di tri or tetrasubstituted by a C C linear or branched hydroxyalkyl radical ammonium which is di tri or tetrasubstituted by a mixture of C C linear or branched alkylradical and linear or branched hydroxyalkyl radical or mixtures of said compounds (b) at least one white pigment (c) at least one primary binder (d) optionally one or more secondary binders and (e) water.

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

(21) Application No.1595/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: ENGINE SYSTEM AND METHOD

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:F02M25/07,F02D41/00 :12/888928 :23/09/2010 :U.S.A. :PCT/US2010/057309	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 River Road Schenectady NY 12345 U.S.A. (72)Name of Inventor:
Filing Date	:19/11/2010	1)FREUND Sebastian W.
(87) International Publication No	:WO 2012/039732	2)FRITZ Jassin
(61) Patent of Addition to Application Number	:NA	3)MISCHLER Robert
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An engine system is provided. The engine system includes a plurality of cylinders including one or more donating cylinders and one or more non donating cylinders. A control module controls an operation of the one or more donating cylinders relative to or based on the operation of the one or more non donating cylinders.

No. of Pages: 38 No. of Claims: 20

(21) Application No.1651/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: COMPOSITIONS AND METHODS FOR TARGETED THERMOMODULATION

(51) International classification :A61K8/19,A61K8/11,A61K8/14 (71)Name of Applicant: (31) Priority Document No :61/402305 (32) Priority Date :27/08/2010

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

:PCT/US2011/049464 No :26/08/2011 Filing Date

(87) International Publication No:WO 2012/027728

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

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

1)SIENNA LABS INC.

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San Diego CA 92122 U.S.A. (72)Name of Inventor:

1)HARRIS Todd James 2)CHEN Alice Ann

(57) Abstract:

Provided are nanoparticles and formulations which are useful for cosmetic diagnostic and therapeutic applications to mammals such as humans.

No. of Pages: 61 No. of Claims: 21

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

(43) Publication Date: 17/10/2014

(54) Title of the invention: OPTICAL INSTRUMENT HAVING A STABILIZATION ELEMENT FOR MOUNTING AND ADJUSTING AN OPTICAL ASSEMBLY IN A HOLDER AND MOUNTING METHOD FOR THE STABILIZATION ELEMENT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G02B7/02 :10178351.2 :22/09/2010 :EPO	(71)Name of Applicant: 1)HEXAGON TECHNOLOGY CENTER GMBH Address of Applicant: Heinrich Wild Strasse CH 9435 Heerbrugg Switzerland
(86) International Application No Filing Date	:20/09/2011	(72)Name of Inventor : 1)ISELI Claudio
(87) International Publication No(61) Patent of Addition to Application	:WO 2012/038447 :NA	2)SCHEJA Jochen
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	
(57) Alastra at .		•

(57) Abstract:

An optical instrument for measuring has an optical assembly (lb) having at least one optical element in particular a lens which defines an optical axis (8). Furthermore provision is made for a holder (la) for the optical assembly (lb) wherein the holder (la) has a shape that is suitable for at least roughly receiving the optical assembly (lb) such that when it is inserted there is a gap (13) with a defined width between the assembly (lb) and the holder (la) and for a stabilization component (2) for stably connecting optical assembly (lb) and holder (la) to at least one stabilization element (3a 3b 3c) that can be compressed in the gap (13). According to the invention the stabilization element (3a 3b 3c) has in an unmounted state a thickness which is greater than the width of the gap (13) and the optical assembly (lb) the holder (la) and the stabilization component (2) are configured and cooperate such that the stabilization element (3a 3b 3c) which is positioned between optical assembly (lb) and holder (la) in a roughly positioned state is compressed by way of inserting the optical assembly (lb) into the holder (la) into the gap (13) and is plastically deformed in the gap (13) such that elastic forces act radially with respect to the optical axis (8) between assembly (lb) and holder (la) and the assembly (lb) and the holder (la) are disposed in the radial direction in a stabilized state with respect to one another.

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

(21) Application No.573/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/01/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention : MODIFIED POLYMER COMPOSITIONS MODIFICATION PROCESS AND FREE RADICAL GENERATING AGENTS FOR I.A. WIRE AND CABLE APPLICATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C07C409/00 :10170479.9 :22/07/2010 :EPO :PCT/EP2011/062467 :20/07/2011 :WO 2012/010640	(71)Name of Applicant: 1)BOREALIS AG Address of Applicant :IZD Tower Wagramerstrasse 17 19 A 1220 Vienna Austria (72)Name of Inventor: 1)NILSSON Daniel
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

A compound of formula (I) as defined in claims.

No. of Pages: 62 No. of Claims: 16

(21) Application No.619/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: METHODS TO IDENTIFY TARGETS AND MOLECULES REGULATING PURINOSOMES AND THEIR USES

(51) International classification :A61K31/506,G01N33/50 (71)Name of Applicant : (31) Priority Document No :61/368802 (32) Priority Date :29/07/2010

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

(86) International Application No :PCT/US2011/043930 Filing Date :14/07/2011

(87) International Publication No :WO 2012/015599

(61) Patent of Addition to Application :NA Number

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

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Address of Applicant: 1 Riverfront Plaza Corning New York

14831 U.S.A.

(72)Name of Inventor:

1)BENKOVIC Stephen

2)FANG Ye 3)AN Songon

4)VERRIER Florence

(57) Abstract:

The present invention discloses methods to identify targets pathways and molecules regulating purinosomes and their uses for treating pathophysiological disorders associated with purinosomes. Disclosed are methods related to both label free cellular assays and fluorescence imaging to confirm the regulatory roles of various targets and molecules in purinosome dynamics. Disclosed are methods to classify molecules and the uses of these molecules for different indications. Specifically the purinosome disrupting molecules can be used for improved prevention and treatment of cancer development.

No. of Pages: 79 No. of Claims: 15

(21) Application No.587/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/01/2013 (43) Publication Date: 17/10/2014

:NA

(54) Title of the invention : ASSEMBLY AND METHOD FOR AEROSOL SPRAYING A LIQUID PRODUCT CONTAINED IN A CONTAINER AND RELATED CONTAINER

(51) International classification :B05B7/24,B65B31/00 (71)Name of Applicant : (31) Priority Document No 1)MARHVEL S.R.L. :MI2010A001460 (32) Priority Date :02/08/2010 Address of Applicant: Via della Meccanica 20/22 I 20083 (33) Name of priority country Vigano di Gaggiano Italy :Italy (86) International Application No :PCT/IB2011/001794 (72)Name of Inventor: Filing Date :29/07/2011 1)RAFFAGHELLO Sergio (87) International Publication No :WO 2012/017293 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

The invention relates to an assembly (10) for aerosol spraying a liquid product contained in a container. Said assembly (11) comprises a container (20) of the disposable type containing only the liquid product (L) to be aerosol sprayed and means (50 52) for feeding into the container (20) pressurised air (A) with a constant pressure. The container (20) comprises a case (20a) on which an aperture (28) is formed for feeding said pressurised air (A) into the container (20). At a top portion of said case (20a) a valve (22) for mixing said liquid product (L) with said pressurised air (A) so as to obtain an aerosol mixture and a nozzle (24) for supplying said aerosol mixture are provided said nozzle (24) being mechanically and fluid dynamically associated with said valve (22). According to the invention the feeding of the pressurised air (A) into said container (20) is carried out both before the opening of said valve (22) that is in a step of loading the container (20) and while the valve (22) is opened that is during aerosol spraying of the liquid product (L).

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

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: CONCENTRATING SOLAR POWER WITH GLASSHOUSES

(51) International classification	:F24J2/04,F24J2/38,F24J2/10	(71)Name of Applicant:
(31) Priority Document No	:61/361509	1)GLASSPOINT SOLAR INC.
(32) Priority Date	:05/07/2010	Address of Applicant :46485 Landing Parkway Fremont CA
(33) Name of priority country	:U.S.A.	94538 U.S.A.
(86) International Application No	:PCT/US2011/042891	(72)Name of Inventor:
Filing Date	:02/07/2011	1)VON BEHRENS Peter Emery
(87) International Publication No	:WO 2012/006255	
(61) Patent of Addition to	:NA	
Application Number	:NA :NA	
Filing Date	.IVA	
(62) Divisional to Application	:NA	
Number	:NA :NA	
Filing Date	.IVA	

(57) Abstract:

A protective transparent enclosure (such as a glasshouse or a greenhouse) encloses a concentrated solar power system. The concentrated solar power system includes one or more solar concentrators and one or more solar receivers. Thermal power is provided to an industrial process electrical power is provided to an electrical distribution grid or both. In some embodiments the solar concentrators are parabolic trough concentrators with one or more lateral extensions. In some embodiments the lateral extension is a unilateral extension of the primary parabolic trough shape. In some embodiments the lateral extensions are movably connected to the primary portion. In some embodiments the lateral extensions have a focal line separate from the focal line of the base portion. In some embodiments the greenhouse is a Dutch Venlo style greenhouse.

No. of Pages: 54 No. of Claims: 113

(21) Application No.635/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: FOAMING CLEANSER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C11D3/20,C11D17/08,A61K8/34 :NA :NA :NA :PCT/US2010/045125 :11/08/2010 :WO 2012/021130 :NA :NA	(71)Name of Applicant: 1)COLGATE PALMOLIVE COMPANY Address of Applicant: 300 Park Avenue New York New York 10022 U.S.A. (72)Name of Inventor: 1)POTECHIN Kathy 2)BOYKE Christine
	:NA :NA	

(57) Abstract:

An aqueous foamable composition comprising castor oil maleate PEG 7 glyceryl cocoate glycerin surfactant and optionally PEG 6 caprylic/capric glycerides. The composition is useful as a foaming cleanser that dispenses a foam that has enhanced skin feel and optionally increased foam stand up so that it is less runny and messy.

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

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : COMPOSITIONS COMPRISING HYDROGEN PEROXIDE OR HYDROGEN PEROXIDE DONOR SUBSTANCES

(51) International classification :C01B15/037,C01B15/08,C01B15/12

(31) Priority Document No :10 2010 032 371.3

(31) Priority Document No :10 2010 032 371. (32) Priority Date :27/07/2010

(33) Name of priority country :Germany

(86) International :PCT/EP2011/003536

Application No Filing Date :15/07/2011

(87) International Publication No :WO 2012/019688

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

(71)Name of Applicant:

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(72)Name of Inventor:

1)KLUG Peter

2)PILZ Maurice Frederic

3)BACK Ute

(57) Abstract:

A description is given of compositions comprising a) one or more substances selected from the group consisting of hydrogen peroxide and hydrogen peroxide donor substances b) water c) one or more polymers having thickening properties and d) one or more substances selected from the group consisting of hydroxypyridones and salts thereof. The compositions are notable more particularly for their advantageous shelf lives.

No. of Pages: 52 No. of Claims: 22

(22) Date of filing of Application :21/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: PROCESS TO MAKE OLEFINS FROM ISOBUTANOL

(51) International classification :C07C1/20,C07C4/06,C07C11/06 (71) Name of Applicant: (31) Priority Document No :10171669.4

(32) Priority Date :03/08/2010 (33) Name of priority country :EPO

(86) International Application

:PCT/EP2011/061582 :08/07/2011 Filing Date

(87) International Publication :WO 2012/016786

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

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

:NA

(57) Abstract:

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Belgium

(72)Name of Inventor: 1)ADAM Cindv

2)MINOUX Delphine 3)NESTERENKO Nikolai 4)VAN DONK Sander

5)DATH Jean Pierre

The present invention relates to a process for the conversion of an alcohols mixture (A) comprising about 20 w% to 100% isobutanol to make essentially propylene comprising: a) introducing in a reactor (A) a stream comprising the mixture (A) mixed with astream (D1) comprising olefins having 4 carbon atoms or more (C4+ olefins) optionally water optionally an inert component b) contacting said stream with a catalyst (A1) at a temperature above 500°C in said reactor (A) at conditions effective to dehydrate at least a part of the isobutanol and other alcohols if any and make a cracking c) recovering from said reactor (A) an effluent comprising: ethylene propylene water optionally unconverted alcohols of the mixture (A) various hydrocarbons and the optional inert component of step a) d) fractionating said effluent of step c) to produce at least an ethylene stream a propylene stream a fraction consisting essentially of hydrocarbons having 4 carbon atoms or more water and the optional inert component of step a) optionally recycling ethylene in whole or in part at the inlet of the reactor (A) optionally recycling the fraction consisting essentially of hydrocarbons having 4 carbon atoms or more at the inlet of the reactor (A).

No. of Pages: 25 No. of Claims: 16

(21) Application No.118/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : METHOD AND SYSTEM FOR SUGGESTING AT LEAST ONE EDIBLE ITEM TO ONE OR MORE CUSTOMERS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06Q50/24, G06F19/00 :NA :NA :NA	(71)Name of Applicant: 1)MRS KIRAN TEWARI Address of Applicant: 702, CHANDRAGUPTA APARTMENT, RAHEJA TOWNSHIP, MALAD (E), MUMBAI- 400 097 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MRS KIRAN TEWARI
(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 for method and system for suggesting at least one edible item to one or more customers. The method steps includes receiving personal and medical information associated with customer(s), fetching diet history of the customer(s) from a repository, wherein the repository automatically stores diet information of the one or more customers during every edible item transaction, determining nutritional requirement of the one or more customers in real time based on the personal and medical information, and diet history of the customer by comparing with a predefined recommended diet, and suggesting at least one edible item fulfilling the nutritional requirement of the one or more customers in real time among a plurality of edible items made available by one or more vendors. The present invention enables the customers to follow healthy diet while avoiding the intake of unsuitable food.

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

(22) Date of filing of Application: 17/01/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: SYSTEM AND METHOD FOR CONTACT MERGE MANAGEMENT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H04L29/06, G06F 17/00 :NA :NA :NA	(71)Name of Applicant: 1)BHAVIN TURAKHIA Address of Applicant: DIRECTIPLEX, OLD NAGARDAS ROAD, NEAR ANDHERI SUBWAY, ANDHERI (EAST), MUMBAI-400 069, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)BHAVIN TURAKHIA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In various example embodiments, a system and method for contact merge management is provided. In example embodiments, a contact management system detects that a first contact list of a first user has a first contact including a first value and a second contact including a second value. The contact management system identifies that at least one further user is associated with a further contact list that has a third contact including the first value and the second value. Based on the identifying of the third contact including the first value and the second value, the contact management system causes an automatic merge of the first contact and the second contact in the first contact list into a single contact.

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

(22) Date of filing of Application :18/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: WORKSTATION OF A TEXTILE MACHINE PRODUCING CROSS-WOUND BOBBINS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:D01H1/16 :102012002986.1 :15/02/2012 :Germany :NA :NA	(71)Name of Applicant: 1)OERLIKON TEXTILE GMBH & CO. KG Address of Applicant: LEVERKUSER STRASSE 65, D- 42897 REMSCHEID, GERMANY (72)Name of Inventor: 1)HELMUT KOHLEN
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA	THELINUT KOHLEN

(57) Abstract:

The invention relates to a workstation of a textile machine producing cross-wound bobbins, with a creel to rotatably hold a cross-wound bobbin, a thread displacement device for traversing a thread running on to the cross-wound bobbin and a device which prevents the thread end connected to the cross-wound bobbin, in the event of a thread interruption, for example because of a thread break or a thread clearer cut, from being positioned in such a way that the cross-wound bobbin has a defective location after repiecing. According to the invention it is provided that the creel (8) has at least one creel arm (13,14), which is equipped with a stationary shielding cap (15), the shielding cap (15) at least partly covering a rotatably mounted bobbin receiving plate (17) of the creel arm (8) and having at least one thread severing cutter (18,19) to cut off a thread end located next to the lateral surface (31) of the cross-wound bobbin (5) after a thread interruption.

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

(21) Application No.2153/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/11/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: AN ELECTROCARDIOGRAPHIC MONITORING SYSTEM AND METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:21/05/2012 :WO 2012/160550 :NA	(71)Name of Applicant: 1)SHL TELEMEDICINE INTERNATIONAL LTD. Address of Applicant: 90 Yigal Alon Street 67891 Tel Aviv Israel (72)Name of Inventor: 1)REINHOLD JR. Herbert E. 2)LEIBOVITZ Shay 3)KAZAZ Roni
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a method for obtaining a 12 lead electrocardiogram and/or rhythm strip comprising: a) anatomically properly positioning at least 9 monitoring electrodes on a user s body for capturing information related to the electrical activity of the heart of said user wherein each of said electrodes is electrically connected to a personal ECG device either directly and/or via an electrode belt; b) generating ECG data from said personal ECG device for a 12 lead electrocardiogram and a Rhythm strip (e.g. 12 seconds strip) wherein said generated ECG data represent the electrical activity of the heart of said user over time (and in real time) as obtained by said skin electrodes; and c) wirelessly transferring said ECG data to a mobile communication device (e.g. a smartphone) for locally manipulating said ECG data and/or for forwarding said ECG data to a remote data center (e.g. remote medical center).

No. of Pages: 40 No. of Claims: 14

(21) Application No.127/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: STABLE PHARMACEUTICAL COMPOSITION

(51) International classification	:A61K31/519, A61K31/529, A61K31/70, A61K	(71)Name of Applicant: 1)SUN PHARMACEUTICAL INDUSTRIES LTD. Address of Applicant: 17/B MAHAL INDUSTRIAL ESTATE, OFF MAHAKALI CAVES ROAD, ANDHERI (E),
(31) Priority Document No	:NA	MUMBAI: 400 093 Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)JAISWAL SUNIL
(86) International Application No	:NA	2)SHARMA KRISHNA
Filing Date	:NA	3)DHARMADHIKARI NITIN BHALACHANDRA
(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 pharmaceutical composition comprising fingolimod and a weak acid cation exchange resin in the form of an ion-exchange complex and pharmaceutically acceptable excipients.

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

(22) Date of filing of Application :24/09/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: PHARMACEUTICAL COMPOSITION FOR TREATING HEPATIC DISEASE

(51) International classification(31) Priority Document No	:A61K31/352,C0/D311/62,A61P1/16	(71)Name of Applicant: 1)INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE
(32) Priority Date	:NA	Address of Applicant :No.195 Sec.4 Chung Hsing Rd.
(33) Name of priority country	:NA	Chutung Hsinchu Taiwan 31040 China (72)Name of Inventor:
(86) International Application No Filing Date	:PCT/CN2011/072045 :22/03/2011	1)CHANG Shau Feng 2)MA Chun Hsien 3)YANG Kuo Yi
(87) International Publication No	:WO 2012/126178	4)LIN Shyh Horng 5)LIN Chien Tung
(61) Patent of Addition to Application Number Filing Date	:NA :NA	6)HUANG Kai Wen
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A pharmaceutical composition for alleviating aggravation of hepatoma improving hepatic function improving hepatic fibrosis improving hepatic cirrhosis improving hepatitis and promoting injured liver regeneration is provided by the present invention. The pharmaceutical composition comprises an effective amount of procyanidin and a pharmaceutically acceptable carrier or salt wherein the chemical formula of the procyanidin monomer is as follows. In the chemical formula when R is OCH R is OH R is H or when R is OH R is H or when R is OH R i

No. of Pages: 76 No. of Claims: 72

(19) INDIA

(22) Date of filing of Application: 19/11/2013

(21) Application No.2160/MUMNP/2013 A

(43) Publication Date: 17/10/2014

(54) Title of the invention: A DOSE COUNTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61M15/00 :1384/MUM/2011 :04/05/2011 :India :PCT/GB2011/001724 :15/12/2011 :WO 2012/150427 :NA :NA :NA	(71)Name of Applicant: 1)CIPLA LIMITED Address of Applicant:289 Bellasis Road Mumbai Mumbai Central 400 008 Maharashtra India (72)Name of Inventor: 1)MALHOTRA Geena 2)RAO Xerxes 3)PURANDARE Shrinivas M.
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(57) Abstract:

The present invention relates to a dose counter. Particularly but not exclusively the invention relates to a dose counter for use with a Metered Dose Inhaler (MDI). The dose counter comprises a rotary counting element (26) and an actuator (2). The actuator (2) is movable relative to the rotary counting element (26) and comprises a shaped part (17) which can move into and out of engagement with a complementary feature (33) of the rotary counting element (26) when the actuator (2) moves between first and second positions. When the shaped part (17) of the actuator (2) is engaged with the complementary feature (33) of the rotary counter element (26) rotation of the rotary counter element (26) is resisted.

No. of Pages: 32 No. of Claims: 22

(21) Application No.2162/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/11/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: QUINAZOLINE DERIVATIVES FOR THE TREATMENT OF VIRAL INFECTIONS AND FURTHER **DISEASES**

(51) International :C07D239/95,A61K31/517,A61P31/00

classification

(31) Priority Document No :11166538.6 :18/05/2011

:18/05/2012

:NA

:NA

:PCT/EP2012/059234

:WO 2012/156498

(33) Name of priority

:EPO country

(86) International

(32) Priority Date

Application No

Filing Date (87) International

Publication No

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

Filing Date (62) Divisional to

Application Number Filing Date

(71)Name of Applicant:

1) Janssen R&D Ireland

Address of Applicant : Eastgate Village Eastgate Little Island

Co Cork Ireland.

(72)Name of Inventor:

1)MC GOWAN David

2) RABOISSON Pierre Jean Marie Bernard

3)JONCKERS Tim Hugo Maria

4)LAST Stefaan Julien

5)EMBRECHTS Werner

6)PIETERS Serge Maria Aloysius

(57) Abstract:

This invention relates to quinazoline derivatives processes for their preparation pharmaceutical compositions and their use in therapy of disorders in which the modulation of toll like receptors is involved.

No. of Pages: 91 No. of Claims: 8

(21) Application No.2163/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/11/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: MOTOR ASSEMBLY COMPRISING A BRUSHLESS DC MOTOR WITH CONTROL **ELECTRONICS**

(51) International :H02K11/00,H02K29/08,H02P6/16

classification (31) Priority Document No :1130047.2

:22/05/2011 (32) Priority Date (33) Name of priority country: Sweden

(86) International Application :PCT/SE2012/050539

No :16/05/2012 Filing Date

(87) International Publication :WO 2012/161643

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

Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

(71)Name of Applicant:

1)LINDER Johan

Address of Applicant: Strandridaregatan 1B S 414 72

Gothenburg Sweden. (72)Name of Inventor: 1)LINDER Johan

(57) Abstract:

A motor assembly (101) comprising a brushless DC motor (102) with control electronics (103) which comprises at least two magnetic field sensors adapted to measure magnetic flux from magnetic poles on a rotor in the brushless DC motor (102). The magnetic field sensors are adapted to determine an angular position of the rotor with the purpose of controlling the current to the brushless DC motor based on the determined angular position. The brushless DC motor is an external rotor motor (102) comprising an internal stator (104) and an external rotor (105) having a periphery (106) and an inside (107) which exhibits a plurality of permanent magnets (108 109 110 111) disposed at regular intervals along the inside (107) to provide the magnetic poles. The magnetic field sensors (112 113) are disposed at a distance from each other in the proximity of the periphery (106) to measure the magnetic flux leaking radially through the external rotor (105) from the permanent magnets (108 109 110 111) on the inside (107).

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

(21) Application No.131/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: INTELLIGENT SYSTEM AND METHOD FOR PROCESSING DATA TO PROVIDE RECOGNITION AND EXTRACTION OF AN INFORMATIVE SEGMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G06Q10/00, G06K9/20 :NA :NA :NA :NA	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant: NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, Maharashtra India (72)Name of Inventor: 1)FONDEKAR, DIPTI MOHAN
Filing Date (87) International Publication No	:NA : NA	2)KSHIRSAGAR, MAHESH
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

An intelligent system and method for recognition and extraction of an informative segment from an object data is disclosed. The present invention provides a user interface in order to define a customized user specific search query by using one or more input parameters. The format of object is data is converted into a machine readable format to further process the customized search query by using a set of programmed instructions. The search query is mapped with that of the data stored in a respective database by using a text manipulation methodology. The accuracy of mapped results (informative segments) is further checked by referring to object data stored in original format in order to retrieve one or more close results of validated informative segments of object data with respect to the users customized search query.

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

(21) Application No.2175/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/11/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention: VIBRATION DAMPING CONTROL DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:NA :NA :NA :PCT/JP2011/062126 :26/05/2011 :WO 2012/160701 :NA :NA	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571 Japan (72)Name of Inventor: 1)SAITO Takashi
- 1 01-1-1	:NA :NA	
Filing Date	:NA	

(57) Abstract:

In order to appropriately perform vibration damping control in a vehicle (1) in which vibration is generated due to driving characteristics a vibration damping control device (10) which performs sprung mass vibration damping control that is control for suppressing sprung mass vibration generated in the vehicle (1) by controlling torque generated at the wheels (5) of the vehicle (1) performs vibration damping control suppression control for stopping the sprung mass vibration damping control or reducing the control amount of the sprung mass vibration damping control on the basis of the engine speed and engine torque of an engine (14) that serves as a power source while the vehicle (1) is traveling. Consequently it becomes possible to prevent vibration damping control from getting into an inappropriate state due to a traveling state in which vibration is large while the vibration damping control is being performed.

No. of Pages: 45 No. of Claims: 3

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: APPARATUS AND METHOD OF MANAGING A LICENSABLE ITEM

(51) International classification	:G06F21/00,G06Q30/06	(71)Name of Applicant:
(31) Priority Document No	:13/118684	1)QUALCOMM INCORPORATED
(32) Priority Date	:31/05/2011	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/US2012/039680	(72)Name of Inventor:
Filing Date	:25/05/2012	1)HOHLFELD Matthew W.
(87) International Publication No	:WO 2012/166642	2)MAHAN Michael P.
(61) Patent of Addition to Application	:NA	3)MANDYAM Giridhar D.
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An apparatus and method of managing a licensable item includes accessing a licensing policy related to managing a licensable item and a license agent making a determination to act to enforce the licensing policy or to first communicate with a server before acting to enforce the licensing policy. Further the apparatus and method include enforcing the licensing policy in accordance with the determination to act to enforce the licensing policy or to first communicate with a server before acting.

No. of Pages: 45 No. of Claims: 41

(21) Application No.2177/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: IMPLANT FIXTURE

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority	:A61C8/00,A61C13/263,A61C13/093	(71)Name of Applicant: 1)KIM YoungJae Address of Applicant: 4F Ansan BubjoTown 707 Gozan dong Danwoen gu Ansan si Gyeonggi do 425 020 Republic of Korea (72)Name of Inventor:
country (86) International Application No Filing Date	:PCT/KR2011/003744 :23/05/2011	1)KIM YoungJae
(87) International Publication No	:WO 2012/161356	
(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 implant fixture and more specifically to an implant fixture wherein the shape of a screw groove formed on the outer surface of the fixture is formed with a flat portion a curved portion and a straight portion respectively to fix the fixture to the alveolar bone thereby improving the binding force of the alveolar bone and the fixture. According to the present invention the binding force of a fixture and the alveolar bone is enhanced so as to prevent the separation of an implant after operation and the stress applied to the alveolar bone is dispersed so as to prevent the necrosis of the alveolar bone.

No. of Pages: 24 No. of Claims: 6

(21) Application No.122/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: CONVERTING SHUTTLE LOOM TO RAPIER LOOM

(51) International classification	:D03D47/27	(71)Name of Applicant:
(31) Priority Document No	:NA	1)VANNAM NARENDRA VITHOBA
(32) Priority Date	:NA	Address of Applicant :WORLI, B.D.D CHAWL, 84/25,
(33) Name of priority country	:NA	MUMBAI-400018, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VANNAM NARENDRA VITHOBA
(87) International Publication No	: NA	2)VANNAM APARNA RAVINDER
(61) Patent of Addition to Application Number	:NA	3)VANNAM RAVINDER VITHOBA
Filing Date	:NA	4)CHILIVERY JAGADISHWAR NARSAIYA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The elements used are studied and designed to convert shuttle loom to rapier loom with minimum investment The mechanism is ergonomically designed so as to in increase the productivity. The cam, slay are so designed to reduce energy consumption, The invention will save wood being used in shuttle, picking arms, slay etc. and help in conserving the nature. The modified loom is less noisy and also fatigue of the operated is reduced.

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

(22) Date of filing of Application :17/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: A DUAL PURPOSE ATOMIC DEVICE FOR REALIZING ATOMIC FREQUENCY STANDARD AND MAGNETIC FIELD MEASUREMENT.

(51) International classification	:G01R33/032	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THE SECRETARY, DEPARTMENT OF ATOMIC
(32) Priority Date	:NA	ENERGY.
(33) Name of priority country	:NA	Address of Applicant :GOVT. OF INDIA, ANUSHAKTI
(86) International Application No	:NA	BHAVAN, CHATRAPATI SHIVAJI MAHARAJ MARG,
Filing Date	:NA	MUMBAI - 400001, MAHARASHTRA, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)PRADHAN, SWARUPANANDA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A dual purpose atomic device (DAD) for realizing atomic frequency standard and/or magnetic field measurement based on a hybrid technique comprising of enhanced transmission and polarization rotation by the CPT states is invented. The dual purpose atomic device for realizing atomic frequency standard and/or magnetic field measurement basically involving means for generating bi-chromatic field to facilitate the creation of CPT state in an atomic cell and stabilizing the frequency difference among the said bi-chromatic field to the center of the CPT resonance and thereby realizing atomic frequency standard and/or means for monitoring and analyzing transmitted polarization rotation signal from the CPT enabled atomic gas in a sample cell for measuring magnetic field without scanning the radiofrequency oscillator.

No. of Pages: 19 No. of Claims: 11

(22) Date of filing of Application :21/11/2013 (43)

(43) Publication Date: 17/10/2014

(54) Title of the invention : DISC TYPE SOLAR STIRLING ENGINE POWER GENERATION DEVICE CAPABLE OF OPERATING CONTINUOUSLY DAY AND NIGHT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:201110135985.5 :24/05/2011 :China	(71)Name of Applicant: 1)WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO. LTD. Address of Applicant: T1 Jiangxia Avenue Miaoshan Development Zone Jiangxia District Wuhan Hubei 430212 China (72)Name of Inventor: 1)CHEN Yilong 2)YANG Qingping 3)ZHANG Yanfeng
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A disc type solar Stirling engine power generation device capable of operating continuously day and night comprises a solar disc type Stirling engine power generation unit (1). A burner (2) and a burner position adjustment mechanism (3) capable of adjusting a burning opening of the burner to aim at a heat receiver of the disc type solar Stirling engine unit or leave the heat receiver are disposed on each disc type solar Stirling engine unit. The position adjustment mechanism is installed on a support (1a) of the disc type solar Stirling engine. The burner (2) is installed on the position adjustment mechanism. A fuel supply system (4) of the burner is connected to the burner through a main switching valve (4c) a branch switching valve (5) a regulation valve (6) and a flexible fuel pipe (7). The Stirling power generation device is capable of stably generating power during nights and cloudy days.

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

(22) Date of filing of Application :22/11/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : METHOD FOR MICROBIAL CONTROL OF INJECTION LIQUID FLOW IN A HYDROCARBON RESERVOIR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:20110794 :31/05/2011 :Norway :PCT/GB2012/051219 :31/05/2012 :WO 2012/164285 :NA	(71)Name of Applicant: 1)GOE IP AS Address of Applicant: Olsokveien 32 N 4046 Hafrsfjord NORWAY. (72)Name of Inventor: 1)RAVNAS Asle
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method of establishing a microbial plug in a hydrocarbon containing geological formation which has been flooded with water the method comprising: a) introducing into the formation a microbial inoculum the microorganisms of which are: (i) spores or otherwise in a dormant state (ii) capable of sporulation (iii) cellulolytic or hemicellulolytic (iv) thermophiles extreme thermophiles or hyperthermophiles (v) unable to utilise hydrocarbons as a carbon source and (vi) not indigenous to the hydrocarbon containing geological formation; b) simultaneously or sequentially introducing into the formation a growth medium which provides a carbon source which can be utilised by the microorganisms introduced in step (a) but not by indigenous microorganisms; c) exposing the inoculum to conditions which enable the microorganisms to enter an active growth phase within water channels in the geological formation; and d) introducing an injection liquid comprising further growth medium as defined in step b) into the formation via an injection well; as well as to the methods of maintaining such plugs to methods of controlled alteration of the position and/or extent of an established plug and to the plugs themselves.

No. of Pages: 44 No. of Claims: 18

(22) Date of filing of Application :01/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : BRAINWAVE ENABLED MULTIFUNCTIONAL, COMMUNICATION, CONTROLLING AND SPEECH SIGNAL GENERATING DEVICE

(51) International classification(31) Priority Document No(32) Priority Date	:G06F17/00, A61N1/18 :NA :NA	(71)Name of Applicant: 1)TRIVEDI KIRANKUMAR RAJANIKANT Address of Applicant:503, Shantivan Flats, Near Derasar, Rupani Circle, Bhavnagar Gujarat India
(33) Name of priority country	:NA	2)THAKKER RAJESH A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)TRIVEDI KIRANKUMAR RAJANIKANT
(87) International Publication No	: NA	2)THAKKER RAJESH A.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

We claim in this invention that this method and device is an all in one system which has capability of generating speech signal, alphabets, digits, formatting numbers of long digits, words, sentences etc just by measuring and controlling brainwave bands and transmitting them via FM transmitter, making phone call and sending text messages via by brainwave using GSM modem, acquiring location using brainwave from GPS receiver, controlling electronic gadgets using brainwave to generate remote control infrared codes.

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

(21) Application No.152/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :17/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: AUTOMATIC FIRE ALARM SYSTEMS

(51) International classification	:A62C37/40, G08B17/125,A62C37/10	
(31) Priority Document No	:NA	Address of Applicant :AT. BHOJA, POST. KHAROL, TAL.
(32) Priority Date	:NA	LUNAWADA, DIST. PANCHMAHAL, PIN CODE-389220,
(33) Name of priority country	:NA	GUJARAT INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PATEL KASHIBHAI MANGALBHAI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In the present invention, thermometer is connected with the fire alarm system, the present invention system is work on the temperature control system, when the temperature is reached at predefined ambient temperate then the alarm system is activated. In the present invention the first wire is insulated connected with the bottom part of the thermometer. Then the second wire is connected with any predefined temperature level. The wire pass at each temperature level. When the temperature is increased, mercury level is increased from the bottom to predefined level then the whole circuit is closed and fire alarm system is activated to sound alarm.

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

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: NITRIC OXIDE RELEASING PRODRUGS OF THERAPEUTIC AGENTS

(57) Abstract:

The present invention relates to nitric oxide releasing prodrugs of known drugs or therapeutic agents wherein the drug or therapeutic agents contain at least one carboxylic acid group. The invention also relates to processes for the preparation of these nitric oxide releasing prodrugs, to pharmaceutical compositions containing them and to methods of using these prodrugs.

No. of Pages: 115 No. of Claims: 30

(21) Application No.2195/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/11/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: LIQUID DETERGENT COMPOSITION CONTAINING DYE POLYMER

(51) International classification :D06P1/00,C09B69/10,C11D3/40 (71)Name of Applicant: (31) Priority Document No :11168501.2 (32) Priority Date :01/06/2011 (33) Name of priority country :EPO (86) International Application :PCT/EP2012/059931

No :28/05/2012

Filing Date (87) International Publication

:WO 2012/163871

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

:NA Number :NA

Filing Date

1)UNILEVER PLC

Address of Applicant: a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.

(72)Name of Inventor:

1)BATCHELOR Stephen Norman

2)BIRD Jayne Michelle

The present invention relates to dye polymers and use in liquid laundry detergent compositions.

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

⁽⁵⁷⁾ Abstract:

(21) Application No.2196/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/11/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: PYRAZOLE DERIVATIVES USEFUL AS ALDOSTERONE SYNTHASE INHIBITORS

(51) International :C07D231/54,C07D231/56,A61K31/416 classification

:07/06/2012

(31) Priority Document :61/496657

No

(32) Priority Date :14/06/2011 (33) Name of priority :U.S.A.

country

(86) International :PCT/US2012/041212

Application No

Filing Date (87) International

Publication No

:WO 2012/173849

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

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

(71)Name of Applicant:

1)ELI LILLY AND COMPANY

Address of Applicant :Lilly Corporate Center Indianapolis

Indiana 46285 U.S.A.

(72)Name of Inventor:

1)BELL Michael Gregory 2)HOOGESTRAAT Paul J.

3)MABRY Thomas Edward

4)SHEN Quanrong

5)ESCRIBANO Ana Maria

(57) Abstract:

The present invention provides aldosterone synthase inhibitors of the formula (I): intermediates methods for their preparation pharmaceutical preparations and methods for their use.

No. of Pages: 79 No. of Claims: 17

(22) Date of filing of Application :20/11/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: BACKING PLATE FOR DISK BRAKE PAD AND DISK BRAKE PAD UTILIZING BACKING **PLATE**

(51) International classification: C23C8/26,C23C8/32,F16D65/092 (71) Name of Applicant: (31) Priority Document No :2011-125048 (32) Priority Date :03/06/2011 (33) Name of priority country :Japan (86) International Application :PCT/JP2012/003503 :29/05/2012

Filing Date :WO 2012/164911

(87) International Publication No

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

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

1)NISSHINBO BRAKE INC.

Address of Applicant: 31 11 Nihonbashi Ningyocho 2 chome

Chuo ku Tokyo 1038650 Japan

(72)Name of Inventor:

1)TAKAYAMA Takeshi 2)TAMAI Yoshihiro

(57) Abstract:

[Problem] To provide a steel backing plate for a disk brake pad of an automobile and the like and a disk brake pad that utilizes the backing plate such that the backing plate allows the bonding strength between a friction material and the backing plate to be improved and the disk brake pad exhibits sufficient bonding strength when the friction material is bonded to the backing plate. [Solution] A backing plate that has a 5µm 20µm deep compound layer which is formed by means of a gas nitriding method or a gas soft nitriding method on the surface to which the friction material is to be bonded a porous layer which is formed on the surface layer side of the compound layer to a thickness equal to or greater than 40% of the depth of the compound layer and an oxide layer which is formed on the surface layer to a thickness equal to or less than 1 µm is used as the steel backing plate for the disk brake pad.

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

(22) Date of filing of Application :11/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: A PROCESS FOR RECYLING POLYESTER WASTE

(51) International classification C08	India (72)Name of Inventor: 1)KRISHNAMURTHY GURUDATT 2)KELKAR ANIL KRISHNA 3)SATAPATHY ANIL KUMAR 4)MUKHOPADHYAY ANJAN KUMAR 5)THANDAYUTHAPANI KARUNANITHI 6)SUDAN PUSHAP 7)GEEDH SANTOSH CHANDRAKANT
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(57) Abstract:

The present disclosure relates to a polyester glycolate obtained by glycolyzing a mass of the polyester with excess of ethylene glycol in the presence of an acid catalyst. The present disclosure also relates to a process for manufacturing recycled polyester from the polyester glycolate.

No. of Pages: 25 No. of Claims: 30

(22) Date of filing of Application: 22/11/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention: SINGLE PHASE ULTRA LARGE CAPACITY STRONG CURRENT SHORT CIRCUIT TEST TRANSFORMER

(51) International

:H01F30/10,H01F27/04,H01F27/08 classification

(31) Priority Document No :201110184003.1 (32) Priority Date :30/06/2011 (33) Name of priority country: China

(86) International Application :PCT/CN2011/078734

No :23/08/2011 Filing Date

(87) International Publication :WO 2013/000193

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

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)TBEA SHENYANG TRANSFORMER GROUP CO. LTD

Address of Applicant :No.32 Development Avenue Shenyang Economic and Technological Development District Shenyang

Liaoning 110144 China (72)Name of Inventor:

1)SUN Shubo 2)FANG Ming 3)FENG Chunling

(57) Abstract:

A single phase ultra large capacity strong current short circuit test transformer comprises an upper oil tank (9) and a lower oil tank (8). Two single phase two column type iron cores (17) are disposed in the upper oil tank and the lower oil tank there are totally four iron core main columns and a coil sleeves each iron core main column separately. Two oil conservators (7) are separately located above two sides of the long axis of a transformer main body (1) a connecting line between the centers of the two oil conservators is parallel to the direction of the long axis of the transformer and the two oil conservators are hung on firewalls at the two sides of the long axis of the transformer. Cooling apparatuses (10) are concentrated and arranged at the outside of one side provided with a secondary head end sleeve pipe (4) and a secondary neutral point sleeve pipe (6) of the upper oil tank and the lower oil tank. A primary head end sleeve pipe (2) and a primary neutral point sleeve pipe (3) after being led out from a low voltage lead are connected to an external power grid. Multiple tapping switches (11) are separately located at high voltage and low voltage sides of the transformer main body. The single phase ultra large capacity strong current short circuit test transformer is used for testing and verifying a transformer provided with an anti short circuit capability and providing technical support for developing a safe and reliable high voltage and large capacity power grid and ensuring safe and stable running of the power grid.

No. of Pages: 28 No. of Claims: 13

(21) Application No.2193/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention: BICYCLO (3.1.0) HEXANE 2 6 DICARBOXYLIC ACID DERIVATIVES AS MGLU2 RECEPTOR **AGONIST**

(51) International :C07D249/04,C07D249/12,A61K31/4192 classification

:11382208.4

:EPO

(31) Priority Document

(32) Priority Date :17/06/2011

(33) Name of priority country

(86) International

Application No

:PCT/US2012/041229 :07/06/2012

Filing Date

(87) International Publication No

:WO 2012/173850

(61) Patent of Addition :NA to Application Number

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

(71)Name of Applicant:

1)ELI LILLY AND COMPANY

Address of Applicant :Lilly Corporate Center Indianapolis IN

46285 U.S.A.

(72)Name of Inventor:

1)MAN Teresa Tse Ki

2)MONN James Allen

3)MONTERO SALGADO Carlos

4)PRIETO Lourdes 5)WALTON Lesley

6)TUPPER David Edward

(57) Abstract:

The present invention provides novel mGlu2 agonists useful in the treatment of bipolar disorder schizophrenia and generalized anxiety disorder.

No. of Pages: 74 No. of Claims: 19

(22) Date of filing of Application :25/11/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: COEXTRUDABLE MULTIPHASE DENTIFRICE COMPOSITIONS

(51) International classification	:A61Q11/00,A61K8/02	(71)Name of Applicant:
(31) Priority Document No	:11168472.6	1)UNILEVER PLC
(32) Priority Date	:01/06/2011	Address of Applicant :100 Victoria Embankment London
(33) Name of priority country	:EPO	Greater London EC4Y 0DY U.K.
(86) International Application No	:PCT/EP2012/059961	(72)Name of Inventor:
Filing Date	:29/05/2012	1)GREEN Alison Katharine
(87) International Publication No	:WO 2012/163885	2)GROVES Brian Joseph
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention provides a packaged multiphase dentifrice composition in which an inner first phase is in physical contact with and surrounded by a visually distinct outer second phase and in which the phases are coextrudable from a single dispensing orifice such that the extrudate has a core of inner first phase and a sheath of outer second phase surrounding the core of inner first phase characterised in that entrained air or other gas is selectively incorporated into one of the phases the gas being incorporated as discrete bubbles.

No. of Pages: 20 No. of Claims: 10

(21) Application No.100/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :11/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: CONTACT SYSTEM IN DRAW-OUT TYPE ASSEMBLIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	H01H3/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)LARSEN & TOUBRO LTD. Address of Applicant: L&T HOUSE, BALLARD ESTATE, MUMBAI-72, Maharashtra India (72)Name of Inventor: 1)TUSHAR SHAH
Filing Date (87) International Publication No	:NA : NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A contact system for draw-out type assemblies consists of a contact assembly and contact housing. The contact assembly consists of contact fingers, contact connection block and brackets. Contact springs are used to maintain the contact pressure between two sets of contact fingers. This contact assembly gets mounted in the contact housing when attached to a feeder. The contact fingers are suitably designed so that they provide a good contact and contact abutment. In the present invention simply by changing the thickness of the multiple contact fingers multiple current ratings can be accommodated. Further the fingers are provided with optimal curvatures which result in ideal joining of the contacts with the contact block.

No. of Pages: 26 No. of Claims: 6

(22) Date of filing of Application :16/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: A NOVEL PROCESS FOR MANUFACTURE OF INDOXACARB

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:A61P33/14, A01P7/04,A61K31/395 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)CHEMINOVA INDIA LTD. Address of Applicant: KESHAVA, 7TH FLOOR, BANDRA KURLA COMPLEX, BANDRA (E), MUMBAI-400051 Maharashtra India (72)Name of Inventor: 1)PRAKASH A. JOSHI 2)DR. INDRAJEET M. JAMANE 3)MANU D. ROHIT
Number Filing Date	:NA :NA	4)CHIRAG N. VADHADIYA 5)SHAILESH K. PATEL
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Arthropodicidal Oxadiazine Insecticide Indoxacarb of formula-[l] is made by reacting Oxadiazine Intermediate of formula-[ll] with Sodium Hydride and Methyl Chloroformate in a unique solvent system of Acetonitrile and Methylene dichloride. The process offers an economical and safe operating system and most direct route for manufacture.

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

(21) Application No.2291/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date: 17/10/2014

(54) Title of the invention: SKIVED FILM FOR COVERING SURFACE OF PLUG FOR MEDICAL PURPOSES PLUG FOR MEDICAL PURPOSES USING SAID FILM PRE FILLED SYRINGE USING SAID PLUG AND METHOD FOR PRODUCING SAID FILM

(51) International classification	:A61J1/05,A61M5/28	(71)Name of Applicant:
(31) Priority Document No	:NA	1)COKI ENGINEERING INC.
(32) Priority Date	:NA	Address of Applicant :3 11 1101 Uchihirano machi 2 chome
(33) Name of priority country	:NA	Chuo ku Osaka shi Osaka 5400037 Japan
(86) International Application No	:PCT/JP2011/002836	(72)Name of Inventor:
Filing Date	:20/05/2011	1)YOTSUTSUJI Akira
(87) International Publication No	:WO 2012/160595	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		1

(57) Abstract:

Provided is a PTFE skived film capable of exhibiting. with a single layer, sliding properties, barrier properties with regard to a liquid contact surface, and excellent tear resistance during injection molding. This skived film is characterized by being obtained by cutting a polytetrafluroethylene block or a modified polytetrafluroethylene block subjected to a thermal fusion treatment under reduced pressure or subjected to a pressurized thermal fusion treatment after being subjected to fusion under reduced pressure.

No. of Pages: 29 No. of Claims: 13

(22) Date of filing of Application :07/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD AND APPARATUS FOR MONITORING MEDICATION ADHERENCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:09/06/2012 :WO 2012/170973 :NA :NA :NA	(71)Name of Applicant: 1)AI CURE TECHNOLOGIES INC. Address of Applicant: 902 Broadway 7th Floor New York NY 10010 U.S.A. (72)Name of Inventor: 1)HANINA Adam 2)KESSLER Gordon 3)GUAN Lei
Filing Date	:NA	

(57) Abstract:

A method and apparatus for monitoring medication adherence. The method includes the steps of determining a present adherence state of a patient receiving video analysis information reporting on a medication administration session and determining a next adherence state of a patient based upon the present adherence state of the patient and the video analysis information.

No. of Pages: 39 No. of Claims: 19

(21) Application No.2293/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 07/12/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: ADJUSTABLE GAP FOR A FLUID DYNAMIC BEARING

(51) International

:G11B19/20,F16C33/10,H02K5/173

classification

(31) Priority Document No :13/105618 :11/05/2011

(32) Priority Date

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

(86) International Application :PCT/US2012/035002

:25/04/2012

Filing Date

(87) International Publication :WO 2012/154410

No

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

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

Number

:NA

Filing Date

(71)Name of Applicant:

1)SEAGATE TECHNOLOGY LLC

Address of Applicant: 10200 South DeAnza Boulevard

Cupertino CA 95014 U.S.A.

(72)Name of Inventor:

1)PARSONEAULT Norbert Steven

2)HERNDON Troy Michael 3)GREDINBERG Alexander

4)NOTTINGHAM Robert A.

(57) Abstract:

A fluid bearing motor. The fluid bearing motor includes a stationary sleeve a backiron a hub coupled to the backiron and a gap forming component. The hub is operable to rotate with respect to the stationary sleeve. The gap forming component is attached to the stationary sleeve and forms a gap between the stationary sleeve and the backiron. The size of the gap dynamically changes in response to changes in temperature.

No. of Pages: 28 No. of Claims: 20

(21) Application No.2150/MUMNP/2013 A

Address of Applicant: 17 1 Konan Minato ku Tokyo 1080075

(19) INDIA

(22) Date of filing of Application: 18/11/2013

(43) Publication Date: 17/10/2014

(71)Name of Applicant:

(72)Name of Inventor:

4)TSUBOI Hisanori

1)FUJII Hiroaki

3)ARAKI Soya

1)SONY CORPORATION

2)MUKOYAMA Satoshi

(54) Title of the invention: DISPLAY DEVICE

(51) International :G02F1/1333,G02F1/13357,G09F9/00 classification

(31) Priority Document No :2011116243 (32) Priority Date :24/05/2011

(33) Name of priority

:Japan country

(86) International Application No

:24/05/2012 Filing Date

(87) International Publication No

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

:PCT/JP2012/063344

:WO 2012/161260

:NA

5)MIYAKE Hidetomo 6)YAMAMOTO Takeshi

Japan

(57) Abstract:

Filing Date

Provided is a display device whereby thinning is possible. A display device comprises: a display panel; and a rigid backside member for covering at least a backside of the display panel the backside member being provided to the backside of the display panel.

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

(21) Application No.2151/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/11/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: PARASITICIDAL DIHYDROISOXAZOLE COMPOUNDS

(51) International

:C07D413/04,C07D413/14,C07D495/04

classification

(31) Priority Document

:NA

:NA

:NA

:PCT/CN2011/074294

(32) Priority Date :19/05/2011 (33) Name of priority :China country

(86) International

:PCT/US2012/036883 Application No :08/05/2012

Filing Date (87) International

:WO 2012/158396 Publication No

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

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

Filing Date

(71)Name of Applicant:

1)ELI LILLY AND COMPANY

Address of Applicant :Lilly Corporate Center Indianapolis

Indiana 46285 U.S.A.

(72)Name of Inventor:

1)AN Zengyun 2)CHEN Liang 3)CHEN Shuhui

4)DEFAUW Jean Marie 5)HOLMSTROM Scott Dale

6)HU Ping

7)TANG Chongzhi

8)WHITE William Hunter

9)WU Wentao 10)ZHANG Yang

(57) Abstract:

Provided are dihydroisoxazole compounds I useful for controlling parasites both in animals and agriculture. Further provided are methods for controlling parasite infestations of an animal by administering an effective amount of a compound as described above or a pharmaceutically acceptable salt thereof to an animal as well as formulations for controlling parasite infestations using the compounds described above or an acceptable salt thereof and an acceptable carrier. Also provided are compounds and processes useful for making the dihydroisoxazole compounds.

No. of Pages: 123 No. of Claims: 43

(21) Application No.2152/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/11/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention : MICRO PARTICLE ISOLATION DEVICE AND METHOD FOR CONTROLLING POSITION IN THE MICRO PARTICLE ISOLATION DEVICE

(51) International classification :G01N15/14,G01N21/27 (71)Name of Applicant : (31) Priority Document No 1)SONY CORPORATION :2012-081056 (32) Priority Date Address of Applicant: 17 1 Konan Minato ku Tokyo 1080075 :30/03/2012 (33) Name of priority country :Japan (86) International Application No :PCT/JP2013/052467 (72)Name of Inventor: Filing Date :04/02/2013 1)HASHIMOTO Gakuji (87) International Publication No :WO 2013/145862 2)TSUJI Akiko (61) Patent of Addition to Application 3)MURAKI Yosuke :NA Number 4)HATAMOTO Kouhei :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Provided is a micro particle isolation device that aligns the positions of a fluid stream and a collection container automatically and accurately. The micro particle isolation device according to the present invention comprises a pair of deflection plates that are arranged in an opposite manner across a fluid stream passing area a camera that images the fluid stream and a fluid stream detection light source that emits light which is in parallel in the opposite directions of the deflection plates and can be moved in a direction orthogonal to the fluid stream and the light. The micro particle isolation device is installed in such a manner that the collection container collecting the fluid stream can be moved in the direction orthogonal to the fluid stream and the light.

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

(22) Date of filing of Application :09/12/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR INCLUDING AN IDENTIFIER WITH A PACKET ASSOCIATED WITH A SPEECH SIGNAL

	:G10L19/08,	(71)Name of Applicant:
(51) International classification	H04L29/06,	1)QUALCOMM INCORPORATED
	H04L12/951	Address of Applicant :ATT; INTERNATIONAL IP
(31) Priority Document No	:60/834 617	ADMINISTRATION 5775 MOREHOUSE DRIVE SAN DIEGO
(32) Priority Date	:31/07/2006	CALIFORNIA 92121 1714 U.S.A
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2007/074900	1)RAJENDRAN VIVEK
Filing Date	:31/07/2007	2)KANDHADAI Ananthapadmanabhan, A
(87) International Publication No	:WO2008/016947	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:54/MUMNP/2009	
Filed on	:06/01/2009	

(57) Abstract:

A method for including an identifier with a packet associated with a speech signal is described. A signal is received. The signal is partitioned into a plurality of frames. A frame of the signal is encoded into a packet. A determination is made if the packet is encoded as a wideband packet or a narrowband packet. An identifier is packed in the packet based on the determination. The packet is transmitted. At least two illegal values are provided from an N-bit parameter, wherein at least one bit from the N-bit parameter is used to carry information. A number of bits from the N-bit parameter that are used to carry information is equal to log2(X), wherein X is the number of illegal values provided from the N-bit parameter.

No. of Pages: 113 No. of Claims: 4

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: MULTI VEHICLE ARRANGEMENT FOR HEAVY HAULAGE

(51) International classification :B60K5/08,B62D53/00,B62D59/04 (71)Name of Applicant : 1)VOLVO LASTVAG

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

(86) International Application :PCT/EP2011/002900

No :14/06/2011

Filing Date
(87) International Publication
(88) Filing Date
(87) International Publication

No

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

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

:WO 2012/171536

(57) Abstract:

1)VOLVO LASTVAGNAR AB
Address of Applicant :S 405 08 Gteborg Sweden
(72)Name of Inventor :
1)-BERG Jan
2)-BERG Niklas

The object of the present invention is to provide an inventive multi vehicle arrangement for heavy haulage comprising at least a first tractor unit (1) mechanically connected with a second tractor unit (2) wherein each tractor unit (1 2) forms a separately drivable tractor unit (1 2) comprising a driver cab (3 3) a digital communication device (4 4) steering wheels (5 5) a braking system (6 6) and a power train comprising a power source (7 7) a friction clutch (8 8) and an automatic transmission (9 9) where said friction clutch (8 8) is arranged to be disengaged or engaged for drive torque transmission from said power source (7 7) to said automatic transmission (9 9) a digital communication link (10) is provided between said tractor units (1 2) by means of said digital communication devices (4 4) and a control system (11) of said first tractor unit (1) is arranged to control at least a clutch load of said friction clutch (8 8) of each of said first and second tractor units (1 2) for the purpose of reducing the risk of over heating of any of said friction clutches (8 8) during engagement or disengagement of said friction clutches (8 8).

No. of Pages: 22 No. of Claims: 14

(22) Date of filing of Application :14/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: SUNSHINE AND SOLAR AZIMUTH ALTITUDE ANGLE RECORDER AND DUAL AXIS TRACKER (SUNSAAR-DAT)

H01L31/02 PANCHAYAT SAMITI AT POST AND TALUKA LAKHANI, (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number SNA H01L31/02 PANCHAYAT SAMITI AT POST AND TALUKA LAKHANI, DISTRICT BHANDARA, 441804 Maharashtra India (72)Name of Inventor: 1)KHEDIKAR SHIRISH YOGRAJ SNA SNA SNA SNA SNA SNA SNA S
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(57) Abstract:

In order to satiate the increasing demand for energy without harming the environment Solar energy is best available tool man have ever need. But for efficient utilization of solar energy it is necessary to have knowledge of solar position and intensity. Similar way knowledge of current position of sun is also important for keeping photovoltaic plate directly facing the solar rays. Hitherto, there is no proper and relievable method is available for measuring solar position and intensity as well as tracking sun based on it. People depend on undeveloped manual methods; these are laborious, less accurate and time consuming. To overcome these problems, Sunshine Solar azimuth and Altitude Recorder and Dual axis tracker (SUNSAAR-DAT) is fabricated and developed. It is consists of two main components, first component is Sunshine and Solar Azimuth Altitude Recorder, which records current Solar position and other solar observations e.g. Solar intensity. SUNSAAR is consists of Hemi sphere having 289 Holes at each 10 degree from the centre. Hemi sphere is prepared in such a way that particular sensor should detect only light that is coming in respective direction. LDR sensors are inserted in each hole at 10 degree depends on its Solar Azimuth and Altitude angle value. It is possible to attach other sensors with the SUNSAAR depends on the requirement and these observation also taken simultaneously. SUNSAAR sense the current solar position and other solar parameters continuously and these observations are sent to Computer or data logger frequently. A separate software programme is prepared which can display these observations in real time as well as automatically stores them in separate file (digital format) for further use. Similar way the current solar position (Azimuth and Altitude angle etc.) is also sent to its second component that is Dual Axis Tracker (DAT). Which changes the position of Photovoltaic panel mounted on it depend on current solar to Azimuth and Altitude angle with the help of time delay mechanism. Which help to track solar position better way and generate more solar power by keeping photovoltaic plate directly facing the solar rays. The knowledge of Current Solar position (Azimuth and Altitude angles) and other solar parameters can be used in various fields like Renewable energy, Agriculture, Geography, Geometry, Astronomy, Astrology, Remote sensing, Architecture, Engineering and other fields related to Atmospheric studies etc.

No. of Pages: 14 No. of Claims: 21

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : METHOD AND REGULATOR FOR ADJUSTING THE BURN THROUGH POINT IN A SINTERING MACHINE

(31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (87) International Publication No Number Filing Date (62) Divisional to Application Number Filing Date (31) Priority Document No (28/07/2011 (28/07/2011 (28/07/2011 (28/07/2012 (28/07/	30 Espoo
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(57) Abstract:

For adjusting the burn through point (D) in a sintering machine (1) in which the material to be sintered is charged onto a conveying path (3) ignited and transported past windboxes (6) arranged in conveying direction (F) up to a material dump (5) the temperature is measured at at least three measurement points (10) consecutively arranged along the conveying path (3) and the conveying speed of the sintering machine (1) is adjusted in dependence on the position of the maximum measured temperature (D(i)) relative to the position of the selected burn through point (D) on the conveying path. The profile of the temperature of three consecutively arranged measurement points (10) is compared wherein a maximum of the temperature is assumed when the first and third measurement points (10) in conveying direction (F) have a lower temperature value than the second measurement point (10) and wherein no maximum of the temperature is assumed when all measurement points (10) form an ascending series of temperature values. With an assumed maximum of the temperature the conveying speed is adjusted in dependence on a deviation between the position of the measurement point with the maximum temperature value (D(i)) and the position of the selected burn through point (D) whereas with no assumed maximum of the temperature the conveying speed is reduced by a specified value.

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

(22) Date of filing of Application :17/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: SYSTEM AND METHOD FOR PROVIDING SENSITIVE INFORMATION ACCESS CONTROL

(51) International classification(31) Priority Document No	:H04L9/00, G06F12/00 :NA	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant:NIRMAL BUILDING, 9TH FLOOR,
(32) Priority Date	:NA	NARIMAN POINT, MUMBAI 400021, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)UKIL, ARIJIT
(87) International Publication No	: NA	2)JOSEPH, JOEL
(61) Patent of Addition to Application Number	:NA	3)BANAHATTI, VIJAYANAND
Filing Date	:NA	4)LODHA, SACHIN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system and method enabling information access control of the sensitive information, based on a trust computing platform is provided. The trustworthiness of the information seekers is computed and accordingly the information owner is capacitated to decide upon sharing the information completely or sharing with some perturbation. The objective is to provide the information owner with the ability to decide on sharing its private data with respect to a parameter so that the decision is less subjective. This invention allows minimum leakage of sensitive data and makes information owner aware of the risk of privacy breach when private data is shared.

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

(21) Application No.2166/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/11/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention : METHOD FOR MANUFACTURING LIGHT EMITTING ELEMENT AND LIGHT EMITTING ELEMENT

(51) International :H01L33/38,H01L21/205,H01L21/306

(31) Priority Document No :2011114636

(32) Priority Date :23/05/2011

(33) Name of priority country :Japan

(86) International :PCT/JP2012/059067

Application No
Filing Date

Section 101/312012

:03/04/2012

(87) International Publication No :WO 2012/160880

(61) Patent of Addition to

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

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(71)Name of Applicant:

1)NAMIKI SEIMITSU HOUSEKI KABUSHIKIKAISHA

Address of Applicant: 8 22 Shinden 3 chome Adachi ku Tokyo

1238511 Japan

2)DISCO CORPORATION

(72)Name of Inventor: 1)AIDA Hideo

2)AOTA Natsuko 3)TAKEDA Hidetoshi

4)HONJO Keiji 5)HOSHINO Hitoshi

(57) Abstract:

The present invention eliminates damage to a light emitting element layer caused by formation of vertical holes provided in a monocrystalline substrate during manufacture of a light emitting element. A method for manufacturing a light emitting element (80) the method comprising: forming a light emitting element layer (40) on one surface (32T) of a monocrystalline substrate (30A) for a light emitting element; polishing the other surface (32B) of the monocrystalline substrate (30A) until a vertical hole (34A) reaches a state of penetrating the monocrystalline substrate (30A) in the thickness direction; and filling a vertical hole (34B) with an electroconductive material from the side of the vertical hole (36B) closer to an opening (36B) on the other surface (32B) thereby forming an electroconductive part (50) that is continuous from the light emitting element layer (40) side to the opening (36B) on the other surface (32B). Also provided is a light emitting element manufactured using this method.

No. of Pages: 56 No. of Claims: 9

(21) Application No.2167/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/11/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: CROSS LINKED POLY E LYSINE PARTICLES

:NA

(51) International classification: C08G69/48, C08J3/24, A61K49/18 (71) Name of Applicant: (31) Priority Document No 1)SPHERITECH LTD :1106742.8 (32) Priority Date :20/04/2011 Address of Applicant : The Heath Business and Technology (33) Name of priority country Park Runcorn Cheshire WA7 4QX U.K. :U.K. (86) International Application (72)Name of Inventor: :PCT/EP2012/057264 1)WELLINGS Donald :20/04/2012 Filing Date (87) International Publication :WO 2012/143508 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

(57) Abstract:

Filing Date

Number

The invention provides a cross linked poly e lysine polymer. The poly e lysine and cross linker are linked by amide bonds and may the cross linker has at least two functional groups capable of reacting with an alpha carbon amine of poly e lysine. The polymer is suitably insoluble in water and other solvents and is provided in particulate form. The invention provides a particulate support comprising the cross linked poly e lysine polymer and the polymer may provide the particle itself or be coated on a particle for example silica. The polymer is useful in a wide range of applications including wound treatment as a medical diagnostic comprising a particulate support and a functional material bound or retained by the support and solid phase synthesis of peptides oligonucleotides oligosaccharides immobilisation of species cell culturing and in chromatographic separation.

No. of Pages: 32 No. of Claims: 17

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: IMAGE SENSOR WITH TOLERANCE OPTIMIZING INTERCONNECTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H04N5/335 :61/485440 :12/05/2011 :U.S.A. :PCT/US2012/037825 :14/05/2012 :WO 2012/155143 :NA	(71)Name of Applicant: 1)OLIVE MEDICAL CORPORATION Address of Applicant: 2302 South Presidents Drive Suite D Salt Lake City UT 84120 U.S.A. (72)Name of Inventor: 1)BLANQUART Laurent
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Embodiments of a hybrid imaging sensor that optimizes a pixel array area on a substrate using a stacking scheme for placement of related circuitry with minimal vertical interconnects between stacked substrates and associated features are disclosed. Embodiments of maximized pixel array size/die size (area optimization) are disclosed and an optimized imaging sensor providing improved image quality improved functionality and improved form factors for specific applications common to the industry of digital imaging are also disclosed. Embodiments of the above may include systems methods and processes for staggering ADC or column circuit bumps in a column or sub column hybrid image sensor using vertical interconnects are also disclosed.

No. of Pages: 85 No. of Claims: 66

(19) INDIA

(22) Date of filing of Application :18/11/2013

(21) Application No.2154/MUMNP/2013 A

(43) Publication Date: 17/10/2014

(54) Title of the invention: METHOD FOR MANUFACTURING SCREW SHAPED TOOL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B23F21/02 :2011-153429 :12/07/2011 :Japan :PCT/JP2012/053748 :17/02/2012	(71)Name of Applicant: 1)MITSUBISHI HEAVY INDUSTRIES LTD. Address of Applicant:16 5 Konan 2 chome Minato ku Tokyo 1088215 Japan (72)Name of Inventor: 1)YANASE Yoshikoto
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	:WO 2013/008484 :NA :NA	2)OCHI Masashi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is a method for manufacturing a screw shaped tool that enables a screw shaped tool which is capable of grinding a face gear with high precision to be manufactured. This method for manufacturing a screw shaped tool which is formed in such a manner that the diameter thereof gradually increases from an axial end to an intermediate section in the axial direction and is used for cutting a face gear to be machined involves: setting up on the basis of a prescribed pinion which is to mesh with the face gear to be machined a virtual gear that is to mesh with the prescribed pinion and has a greater number of teeth than the number of teeth of the prescribed pinion; setting up on the basis of the virtual gear a virtual inner gear (15) which has the same number of teeth as the number of teeth on the virtual gear said teeth being on the inside; and setting up on the basis of the virtual inner gear (15) a screw shaped grindstone (10) having various elements that are used for cutting the virtual inner gear (15).

No. of Pages: 17 No. of Claims: 1

(22) Date of filing of Application: 18/11/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: ITEM HANDLING AND TRACKING SYSTEM AND METHOD THEREFOR

		(71)Name of Applicant:
(51) International classification	:G06Q10/08,G06K19/07	1)SITA INFORMATION NETWORKING COMPUTING
(31) Priority Document No	:61/514765	USA INC
(32) Priority Date	:03/08/2011	Address of Applicant :3100 Cumberland Boulevard Atlanta
(33) Name of priority country	:U.S.A.	GA 30339 U.S.A
(86) International Application No	:PCT/EP2011/070551	(72)Name of Inventor:
Filing Date	:21/11/2011	1)GATES Nicholas John
(87) International Publication No	:WO 2013/017179	2)LIMAYE Manish
(61) Patent of Addition to Application	:NA	3)POULARD Olivier Pierre
Number	:NA	4)MUHANNA Emad Eldeen
Filing Date	.INA	5)CHETRIT Daniel Edmond
(62) Divisional to Application Number	:NA	6)ASEEM Dayal
Filing Date	:NA	7)NAICKER Pravin
-		8)MAYA Maria Patricia

(57) Abstract:

In an airport baggage handling system bag information flight information and airport topology information are provided to a central processor which determines a path for the bag through the handling system. The bag is scanned at various points along the path and the scan time is compared with a predetermined arrival time for the bag at the scan point. A bag is marked at risk if it arrives at a scan point after the predetermined time and the system may suggest an alternative handling path for the bag if it is determined that the risk of the bag not making an outbound flight is too high.

No. of Pages: 41 No. of Claims: 36

(21) Application No.2156/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/11/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: A PHARMACEUTICAL COMPOSITION COMPRISING FERRIC ORGANIC COMPOUND FOR TREATING CHRONIC KIDNEY DISEASE

:A01N55/02,A61K31/295 (71)Name of Applicant : (51) International classification

(31) Priority Document No :60/763.253 (32) Priority Date :30/01/2006

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

:PCT/US2007/002151 (86) International Application No Filing Date :26/01/2007

(87) International Publication No :WO2007/089571

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

(62) Divisional to Application Number :1413/MUMNP/2008

Filed on :07/07/2008 1)GLOBOASIA LLC

Address of Applicant: 11427 POTOMAC OAKS DRIVE

ROCKVILLE, MD 20850 U.S.A

(72)Name of Inventor: 1)CHAN, KEITH

(57) Abstract:

The present invention discloses pharmaceutical-grade ferric organic compounds having enhanced dissolution rate. These ferric organic compounds, including but are not limited to ferric citrate, are useful for treating chronic kidney disease.

No. of Pages: 36 No. of Claims: 8

(21) Application No.2157/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/11/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention : METHOD OF REVERSING, PREVENTING, DELAYING OR STABILIZING SOFT TISSUE CALCIFICATION.

(51) International classification :A01N55/02,A61K31/295 (71)Name of Applicant:

(31) Priority Document No :60/763,253 (32) Priority Date :30/01/2006

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

(86) International Application No :PCT/US2007/002157

Filing Date :26/01/2007 International Publication No :WO2007/089577

(87) International Publication No :WO20 (61) Patent of Addition to Application

Number
Filing Date

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

(62) Divisional to Application Number :1414/MUMNP/2008

Filed on :07/07/2008

71)Name of Applicant : 1)GLOBOASIA LLC

Address of Applicant:11427 POTOMAC OAKS DRIVE

ROCKVILLE, MD 20850 U.S.A

(72)Name of Inventor: 1)CHAN, KEITH

2)TOWN, WINSTON

3)CHIANG, SHOU-SHAN

(57) Abstract:

The present invention provides methods of treating soft tissue calcification in a subject, comprising a step of administering to said subject an effective amount of ferric organic compound, such as ferric citrate. The claimed methods may prevent, reverse, delay or stabilize soft tissue calcification in a subject having chronic kidney disease. Affected soft tissue calcification includes soft tissue calcification in the joint, skin, eye, in cardiovascular system such as heart valve, myocardium, coronary arteries and arteriole, or in internal organs such as kidney and lung.

No. of Pages: 35 No. of Claims: 10

(22) Date of filing of Application :09/12/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention: VEHICLE HEADLIGHT HAVING LED LIGHT MODULES FOR GENERATING A MAIN LIGHT DISTRIBUTION AND AN ADDITIONAL LIGHT DISTRIBUTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F21S8/12 :A 792/2011 :30/05/2011 :Austria :PCT/AT2012/050047 :05/04/2012 :WO 2012/162713 :NA :NA	(71)Name of Applicant: 1)ZIZALA LICHTSYSTEME GMBH Address of Applicant: Scheibbser Strae 17 A 3250 Wieselburg Austria. (72)Name of Inventor: 1)MOSER Andreas 2)JUNGWIRTH Johannes
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(57) Abstract:

The invention relates to a vehicle headlight (1) for generating a main light distribution and an additional light distribution wherein the vehicle headlight (1) comprises two or more LED light modules (10 11) wherein each LED light module (10 11) comprises a number of LED light sources (a1 a2 a3 b1 c1 c6; a1 a2 a3 b1 c1 c6) wherein each LED light source (a1 a2 a3 b1 c1 c6; a1 a2 a3 b1 c1 c6) has a rectangular or square light exit face (A1 A2 A3 B1 C1 C6; A1 A2 A3 B1 C1 C6) and wherein the light exit faces (A1 A2 A3 B1 C1 C6; A1 A2 A3 B1 C1 C6) lie in a common face and wherein the side edges of the light exit faces (A1 A2 A3 B1 C1 C6 A1 A2 A3 B1 C1 C6) are oriented parallel to one another and wherein the LED light sources (a1 a2 a3 b1 c1 c6; a1 a2 a3 b1 c1 c6) are arranged in horizontal (B1 C1 C6; B1 C1 C6) of the LED light sources (b1 c1 c6; b1 c1 c6) are arranged in a plurality of directly adjacent rows (Z1 Z7) in order to generate the additional light distribution wherein in each row one or more light exit faces (B1 C1 C6; B1 C1 C6) of in each case one LED light source (b1 c1 c6; b1 c1 c6) for generating the additional light distribution are arranged and wherein the light exit faces (B1 C1 C6; B1 C1 C6) of the LED light sources (b1 c1 c6; b1 c1 c6) for generating the additional light distribution are distributed over at least one preferably over two or more columns (S1 S4 S5 S6) and wherein the light exit faces (A1 A2 A3 B1; A1 A2 A3 B1) of LED light sources (a1 a2 a3 b1; a1 a2 a3 b1) for generating the main light distribution are arranged in at least one row (Z2) wherein at least one preferably two or more light exit faces (A1 A2 A3 B1; A1 A2 A3 B1) of LED light sources (a1 a2 a3 b1; a1 a2 a3 b1) for generating the main light distribution are arranged in at least one of these rows (Z2) and wherein each LED light module (10 11) comprises a lens (13 14) and wherein the light emitted by the LED light sources of an LED module (10 11) is irradiated directly onto the lens (13) and is projected thereby into the external space wherein the light emitted by the LED light sources of the LED modules (10 11) forms the main light distribution or the additional light distribution.

No. of Pages: 36 No. of Claims: 31

(21) Application No.112/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: A COMPUTER IMPLEMENTED ONLINE MUSIC PLATFORM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G06F17/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)AGASHE, MANDAR Address of Applicant: CHANDRASHEKHAR, 242, SHANIWAR PETH, PUNE-411030, MAHARASHTRA, INDIA. (72)Name of Inventor: 1)AGASHE, MANDAR
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	

(57) Abstract:

A computer implemented online music platform and a method for implementing thereof are disclosed. The platform includes a first repository, a second repository, a third repository, a rating module, a point management module, a transaction module, a tag module, a selection module and a trend-engine. The first repository stores customer related information. The second repository stores information of users registered as artists. The third repository stores media artist related information, ratings, tags and reviews corresponding to media pieces. The rating module rates the media pieces and updates the rating received thereby. The point management module allots points and updates the points to customers. The transaction module enables transaction initiation and process thereof. The tag module enables tagging and customizes tagging of media pieces. The selection module selects media pieces based on the customers interest and push to customers. The trend-engine analyzes download trends based on genres and tags.

No. of Pages: 28 No. of Claims: 18

(21) Application No.2158/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/11/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: ABUTMENT MATERIAL FOR AN IMPLANT

(51) International classification	:A61C8/00,A61C13/263	(71)Name of Applicant:
(31) Priority Document No	:1020110050035	1)YEOM Myong Hee
(32) Priority Date	:26/05/2011	Address of Applicant :103 1401 Solrangmaeul Apt. 369 1
(33) Name of priority country	:Republic of Korea	Samseong dong Dong gu Daejeon 300 816 Republic of Korea
(86) International Application No	:PCT/KR2011/007199	(72)Name of Inventor:
Filing Date	:29/09/2011	1)YEOM Myong Hee
(87) International Publication No	:WO 2012/161381	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11//1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an abutment material for an implant. The material for manufacturing an abutment connecting a fixture implanted into a gum to a crown forming the outer shape of an artificial tooth consists of: a main body having a cylindrical shape; a seat part formed at one end of said main body and used as a region for seating and fixing the main body to a processing machine or to a jig when the main body is processed to manufacture a customized abutment; a coupling part formed on the other end of said main body and coupled to said fixture; a coupling screw part into which a fixing screw to be coupled to the processing machine or to the jig is inserted the coupling screw part passing from a middle portion between said seat part and said main body up to a predetermined distance; and a coupling hole into which a coupling means to be coupled to said fixture is inserted the coupling hole passing through said main body and said coupling part.

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

(21) Application No.2310/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention : REAL-TIME CAPTURING AND GENERATING STEREO IMAGES AND VIDEOS WITH A MONOSCOPIC LOW POWER MOBILE DEVICE

(51) International classification:H04N13/00(31) Priority Document No:11/497,906(32) Priority Date:01/08/2006(33) Name of priority country:U.S.A.

(86) International Application No
Filing Date

10.5.A.

1

(87) International Publication No :WO/2008/016882

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

(62) Divisional to Application Number :2786/MUMNP/2008 Filed on :30/12/2008 (71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :5775 Morehouse Drive, San Diego,

California 92121-1714, United States of America

:PCT/US2007/074748 (72)**Name of Inventor :** :30/07/2007 **1)WANG, Haohong**

2)LI, Hsiang-Tsun

3)MANJUNATH, Sharath

(57) Abstract:

A monoscopic low-power mobile device is capable of creating real-time stereo images and videos from a single captured view. The device uses statistics from an autofocusing process to create a block depth map of a single capture view. Artifacts in the block depth map are reduced and an image depth map is created. Stereo three-dimensional (3D) left and right views are created from the image depth map using a Z-buffer based 3D surface recover process and a disparity map which is a function of the geometry of binocular vision.

No. of Pages: 58 No. of Claims: 15

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHODS OF TREATMENT FOR RETINAL DISEASES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61K38/18 :61/495182 :09/06/2011 :U.S.A. :PCT/US2012/041701 :08/06/2012 :WO 2012/170918 :NA :NA	(71)Name of Applicant: 1)UNIVERSITY OF MIAMI Address of Applicant: 1400 N.w. 10th Avenue Dominion Tower Room 1214 Miami FL 33136 U.S.A. (72)Name of Inventor: 1)WEN Rong
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides methods of treating a retinal disorder comprising administering an effective amount of a neurotrophic factor to a subject having the retinal disorder. The neurotrophic factors useful in the invention include mesencephalic astrocyte derived neurotrophic factor (MANF) and conserved dopamine neurotrophic factor (CDNF). The present invention further comprises pharmaceutical compositions and kits containing MANF and CDNF.

No. of Pages: 46 No. of Claims: 47

(21) Application No.111/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: CHOOSING A SERVICE TO PROVIDE A MESSAGE

	:H04L29/06,	(71)Name of Applicant :
(51) International classification	H04M3/533,	1)BHAVIN TURAKHIA
	H04W88/18	Address of Applicant :DIRECTIPLEX, OLD NAGARDAS
(31) Priority Document No	:NA	ROAD, NEAR ANDHERI SUBWAY, ANDHERI (EAST)
(32) Priority Date	:NA	MUMBAI 69 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)BHAVIN TURAKHIA
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 machine may be configured to receive a message within an inbound request from an application. The inbound request may ask that the message be provided to a device of a recipient that is identified by a device identifier of the device, and the inbound request may specify a time by which the message is to be provided. The machine may make a request to a first communication service that the first communication service provide the message to the device by the time specified. The machine may determine that the first communication service acknowledged this request but failed to receive a confirmation that references this request. Based on this determination, the machine may choose a second communication service to provide the message and make a request to the second communication service that the second communication service provides the message from the application to the device.

No. of Pages: 38 No. of Claims: 20

(21) Application No.133/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/01/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention : METHOD AND SYSTEM FOR IMPLEMENTING CALLING LINE IDENTIFICATION BASED VALUE-ADDED SERVICES USING SESSION INITIATION PROTOCOL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04M3/487, H04M3/523, H04Q3/00, H04Q3/6 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant: NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, Maharashtra India (72)Name of Inventor: 1)BALAMURUGAN, SUBBIAH 2)SESHADRI, VEERA RAGHAVAN
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(57) Abstract:

A method and system for controlling one or more services to be delivered by at least one remotely located terminating server to at least one originating device initiating a session initiation protocol (SIP) communication with a terminating device through the terminating server is disclosed herein. The method and system of the present invention is configured to embed at least one CLI header in the originating device for receiving at least one value-added service wherein the CLI header further determines the type of service to be delivered. The method and system further configures a value-added service-specific parameter value and a priority parameter value in the CLI header for identifying the desired service to be delivered to the originating device.

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

(21) Application No.2168/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/11/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: CROSS LINKED POLY E LYSINE NON PARTICULATE SUPPORT

(31) Priority Document No	:C08G69/48,C08J3/24,C12N11/02 :1106742.8 :20/04/2011 :U.K.	(71)Name of Applicant: 1)SPHERITECH LTD Address of Applicant: The Heath Business and Technology Park Runcorn Cheshire WA7 4QX U.K.
(86) International Application No Filing Date (87) International Publication	:PCT/EP2012/057271 :20/04/2012	(72)Name of Inventor : 1)WELLINGS Donald
No (61) Patent of Addition to Application Number	:WO 2013/041250 :NA :NA	
Filing Date (62) Divisional to Application Number	:NA :NA	

(57) Abstract:

The invention provides a non particulate cross linked poly e lysine polymer. The poly e lysine and cross linker are linked by amide bonds and may the cross linker has at least two functional groups capable of reacting with an alpha carbon amine of poly e lysine. The polymer is suitably insoluble in water and other solvents and is provided in macro form for example a sheet article or fibre. The macro form polymer is useful in a wide range of applications including wound treatment as a medical diagnostic comprising a particulate support and a functional material bound or retained by the support and solid phase synthesis of peptides oligonucleotides oligosaccharides immobilisation of species cell culturing and in chromatographic separation.

No. of Pages: 38 No. of Claims: 21

(22) Date of filing of Application :11/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : BIODEGRADABLE POLYORGANOSILOXANE DEMULSIFIER COMPOSITION AND METHOD FOR MAKING THE SAME

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (51) International Classification Substitute (13/165085 (13/166085 (13/16608	1)MOMENTIVE PERFORMANCE MATERIALS INC. Address of Applicant :260 Hudson River Road Waterford NY 12188 U.S.A (72)Name of Inventor: 1)PHUKAN Monjit
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(57) Abstract:

There is provided herein a demulsifying composition comprising (a) an emulsion; and (b) a demulsifying effective amount of at least one polyorganosiloxane compound having the general formula (I): MaMbDcDd TeTfQg (I) wherein: M = RRRSiO M = RRRLSiO D = RRSi0 D = RRSi0 T = RSi0 T = RSi0 Q = Si0 where R R R R R R R R R and R are each independently chosen from monovalent alkyl aryl or aralkyl hydrocarbon radicals containing 1 to 60 carbon atoms optionally containing at least one heteroatom or chosen from R; R is a monovalent polyether radical independently of the general formula (II): (CH) 0 (CHO)(CHO) R (II) where R10 is hydrogen or a monovalent alkyl radical containing from 1 to about 20 carbon atoms or an acyl group; subscripts a b c d e f and g are zero or positive integers subject to the limitations: 2=a+b+c+d+e+f+g=500 b+d+f>1 and a+b=2+e+f+2g; subscript n is 2 to about 10; subscript o is 0 to about 200; subscript p is 0 to about 200; subscript q is 0 to about 200; and subject to the limitation o+p+q=1; R is a monovalent radical independently chosen from the general formula (III): X 0 (CHO) (CHO) (CHO) (CHO) (CHO) R (III) where R is hydrogen or monovalent alkyl radical containing from 1 to about 20 carbon atoms or an acyl group and where X is a linear branched or cyclic divalent hydrocarbon or aralkyl radical containing from 21 to about 20 carbon atoms optionally containing at least one heteroatom; subscript r is 0 to about 200; subscript s is 0 to about 200; subscript t is 0 to about 200; subscript u is 1 to about 20; subscript v is 1 to about 200 and subject to the limitation if r+s+t is equal to zero then the polyorganosiloxane contains at least one R radical. There is also provided herein a method for separating emulsions comprising combining the components of the demulsification composition into a mixture; allowing the mixture to separate into at least two phases and separating said at least two phases from each other.

No. of Pages: 52 No. of Claims: 19

(22) Date of filing of Application :17/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: NOVEL 6-NITRO-3-(4-OXO-THIAZOLIDIN-2-YLIDENEAMINO)-2-PHENYL-3H-QUINAZOLIN-4-ONE AND 5-BENZILIDINE DERIVATIVES THEREOF.

(51) International classification	:C07D417/14,	(71)Name of Applicant:
(31) International classification	C07D413/14	1)JAUHARI SMITA MANISH
(31) Priority Document No	:NA	Address of Applicant :APPLIED CHEMISTRY
(32) Priority Date	:NA	DEPARTMENT, SARDAR VALLABHBHAI NATIONAL
(33) Name of priority country	:NA	INSTITUE OF TECHNOLOGY (SVNIT), ICHCHHANATH,
(86) International Application No	:NA	SURAT-395007, GUJARAT INDIA.
Filing Date	:NA	2)RANA ANIRUDDHASINH MAHENDRASINH
(87) International Publication No	: NA	3)DESAI KISHOR RATILAL
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JAUHARI SMITA MANISH
(62) Divisional to Application Number	:NA	2)RANA ANIRUDDHASINH MAHENDRASINH
Filing Date	:NA	3)DESAI KISHOR RATILAL

(57) Abstract:

The present invention relates to novel 6-Nitro-3-(4-oxo-thiazolidin-2-ylideneamino)-2-phenyl-3H-quinazolin-4-one of formula (I), its 5-benzylidine derivatives of formula (II) and their pharmaceutically acceptable acid addition salts. In which: R-substituted Phenyl ring of 5-benzylidine group of formula (II) is optionally substituted by one or more substituent selected from hydrogen, halo, nitro, methyl, dimethyl, C1-C4 alkoxy, hydroxyl, trifuoromethyl, thrifuorothiomentyl, N(CH3)2. Halo means chloro, bromo, fluoro, iodo. C3 and C4 alkoxy and alkyl group can be straight or branched chain. 5-benzylidine derivatives of 6-Nitro-3-(4-oxo-thiazolidin-2-ylideneamino)-2-phenyl-3H-quinazolin-4-one of formula (I) are useful as antibacterial, antifungal, antituberculosis and as anticonvulsants.

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

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: PRESERVING AUDIO DATA COLLECTION PRIVACY IN MOBILE DEVICES

(51) International classification	· · · · · · · · · · · · · · · · · · ·	(71)Name of Applicant:
(31) Priority Document No	:61/488927	1)QUALCOMM INCORPORATED
(32) Priority Date	:23/05/2011	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/US2012/037783	(72)Name of Inventor:
Filing Date	:14/05/2012	1)GROKOP Leonard H.
(87) International Publication No	:WO 2012/162009	2)NARAYANAN Vidya
(61) Patent of Addition to Application	:NA	3)DOLTER James W.
Number		4)NANDA Sanjiv
Filing Date	:NA	·
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Techniques are disclosed for using the hardware and/or software of the mobile device to obscure speech in the audio data before a context determination is made by a context awareness application using the audio data. In particular a subset of a continuous audio stream is captured such that speech (words phrases and sentences) cannot be reliably reconstructed from the gathered audio. The subset is analyzed for audio characteristics and a determination can be made regarding the ambient environment.

No. of Pages: 32 No. of Claims: 37

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: DEVICE AND METHOD FOR CLAMPING A WEFT THREAD

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:D03D49/70,D03D47/12,D03D47/38 :BE 2011/0444 :12/07/2011 :Belgium :PCT/EP2012/062833 :02/07/2012 :WO 2013/007551 :NA :NA	(71)Name of Applicant: 1)PICANOL Address of Applicant:Steverlyncklaan 15 B 8900 Ieper Belgium (72)Name of Inventor: 1)VERCLYTE Eddy 2)HOORELBEKE Wim 3)COULEMBIER Ronny
(62) Divisional to	:NA :NA	

(57) Abstract:

Device and method for clamping a weft thread (6) in a weaving machine the device (1) comprises a central clamping element (10) a first outer clamping element (15) a second outer clamping element (16) and a drive device (22) that is adapted for displacing the central clamping element (10) from an intermediate position (P) to a first position and to a second position wherein the drive device (22) comprises a pneumatic cylinder (30) comprising at least a piston (23) which piston (23) is directly coupled to the central clamping element (10) for a transmission of motion.

No. of Pages: 35 No. of Claims: 16

(21) Application No.2325/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: LARGE RESISTIVE VEE DIPOLE ANTENNA COMBINED WITH VEE DIPOLE ARRAY

	:G01V3/17,H01Q21/28,H01Q9/44	. /
(31) Priority Document No	:61/490910	1)NIITEK INC.
(32) Priority Date	:27/05/2011	Address of Applicant :23031 Ladbrook Drive Dulles VA
(33) Name of priority country	:U.S.A.	20166 U.S.A.
(86) International Application	:PCT/US2012/039627	(72)Name of Inventor:
No	:25/05/2012	1)WOLFSON Jason T.
Filing Date	.23/03/2012	2)ETEBARI Ali
(87) International Publication No	:WO 2012/166616	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A radar array comprising a panel the panel comprising a top side and a bottom side; a plurality of high frequency antennas coupled into a high frequency array coupled to the panel; at least one low frequency resistive vee dipole transmitting antenna; and at least one low frequency resistive vee dipole transmitting antenna and the at least one low frequency resistive vee dipole receiving antenna are coupled into a low frequency array.

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

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: TRANSCRIPTION FACTOR MODULATING TERPENE BIOSYNTHESIS

(51) International classification	:C12N15/82, C07K14/415	(71)Name of Applicant: 1)STICHTING TECHNOLOGISCH TOPINSTITUUT
(31) Priority Document No	:61/495399	GROENE GENETICA (FOUNDATION TECHNOLOGICAL
(32) Priority Date	:10/06/2011	TOP INSTITUTE GREEN GENETICS)
(33) Name of priority country	:U.S.A.	Address of Applicant :68 Vossenburchkade NL 2805 PC
(86) International Application No	:PCT/NL2012/050403	Gouda The Netherlands.
Filing Date	:08/06/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2012/169893	1)SCHUURINK Robert Cornelis
(61) Patent of Addition to Application Number	:NA	2)HARING Michael Albertus 3)SPYROPOULOU Eleni
Filing Date	:NA	3)SI I KOI OOLOO EREIII
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to identification and isolation of zinc finger transcription factor in tomato that specifically expresses in glandular trichomes of Solanum lycopersicum cultivar Moneymaker and binds to the promoters of the genes encoding Terpene Synthase 5 (also known as Monoterpene Synthase1) and Terpene Synthase 11 (also known as Sesquiterpene Synthase 1). The invention provides the isolated recombinant or synthetic polynucleotides encoding the polypeptide sequences of SEQ ID NO:2 and variants and fragments thereof. The invention also provides constructs vectors host cells and plants genetically modified to contain the polynucleotides of the invention. The methods for producing plants with altered levels of terpenes including transformed and mutant plants are also provided.

No. of Pages: 63 No. of Claims: 35

(22) Date of filing of Application :02/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: AN IMPROVED PROCESS FOR THE REMOVAL OF HEAVY METALS.

	:C10C3/02,	(71)Name of Applicant:
(51) International classification	C10C3/04,	1)SHAH EKTA
	C10M175/00	Address of Applicant :B-35, VIRNAGAR SOCIETY-2 VIP
(31) Priority Document No	:NA	ROAD, KARELIBAUG, VADODARA-390018 GUJARAT,
(32) Priority Date	:NA	INDIA
(33) Name of priority country	:NA	2)DR. SONI HEMANT P.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHAH EKTA
(87) International Publication No	: NA	2)DR. SONI HEMANT P.
(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 the removal of heavy metals from solutions containing such organic compounds by treatment with metal sulfide nanoparticles is described. Organic compounds with a content of heavy metal, particularly low and suitable for the preparation of compounds with pharmacologic activity can be isolated from the resultant solutions.

No. of Pages: 28 No. of Claims: 8

(21) Application No.110/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: PRODUCTS & SERVICES CARD AND GLOBAL CARD NETWORK(S) MEDIATED E-COMMERCE & MARKETING SERVICE(S)

(51) International classification(31) Priority Document No(32) Priority Date	:G06Q30/00 :NA :NA	(71)Name of Applicant: 1)YOGESH CHUNILAL RATHOD Address of Applicant: 1502/A MAHAVIR RESIDENCY, L B
(33) Name of priority country	:NA	S MARG, NEAR BALRAJESHWAR MANDIR, MULUND(W),
(86) International Application No	:NA	MUMBAI 400080, Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)YOGESH CHUNILAL RATHOD
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A global card network(s) integrated or managed or mediated e-commerce & marketing service(s), server(s), web site(s), application(s), database(s), network(s) & smart device(s) is disclosed for enabling provider of goods & services to list one or more products and/or services at global card network(s) integrated or managed or mediated e-commerce & marketing service(s), server(s), web site(s), application(s), database(s), network(s) & smart device(s) and enabling card issuer(s) of card network(s) to issue products & services (PS) card(s) to card holders, wherein said products & services (PS) card(s) enabling card holders to purchase allowed & available products & services to card holder(s) from or via global card network(s) integrated or managed or mediated e-commerce & marketing service(s), server(s), web site(s), application(s), database(s), network(s) & smart device(s) and/or associate merchants.

No. of Pages: 48 No. of Claims: 51

(21) Application No.130/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: APPARATUS AND METHOD FOR ESTABLISHING SOIL WATER CHARACTERISTIC CURVE AND DETERMINING HYDRAULIC CONDUCTIVITY OF SOILS

(51) International classification	G01N1/08, G01N15/08, G01N33/	TECHNOLOGY BOMBAY, POWAI MUMBAI 400076,
(31) Priority Document No	:NA	Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)DR.D N SINGH
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention discloses a method of establishing the soil water charactersite curve (SWCC) and determining unsaturated hydraulic conductivity of fine-grained soils by ultra centrifugation and electrical measurements. An unsaturated state of the commercially available Kaolin (which is a non-swelling soil) is developed by centrifuging it for prolonged periods, and to establish the SWCC. Further, unsaturated hydraulic conductivity (ku) of the Kaolin was determined by employing various PTFs available in the SoilVision database. The utility of electrical measurements for determining soil moisture content has distinct advantage of being non-destructive and non-invasive. It is observed that the ku obtained from these relationships match extremely well for <3000 kPa.

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

(12) FATENT AFFLICATION FUBLICATION

(22) Date of filing of Application :17/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: HIGH DENSITY TERMINAL

		(71)Name of Applicant:
(51) International classification	H01R4/30,	1)EMERSON PROCESS MANAGEMENT, POWER &
(24) 7 1 1 7		WATER SOLUTIONS, INC.
(31) Priority Document No	:NA	Address of Applicant :200 BETA DRIVE, PITTSBURGH, PA
(32) Priority Date	:NA	15238 U.S.A.
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)DESHPANDE, ATUL
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.159/MUM/2013 A

(57) Abstract:

A high density terminal strip for terminating a plurality of wires comprising a plurality of internally threaded slots for screwing a fastening means therein, the slots equidistantly located along the length of the strip and each of said fastening means firmly holding at least two wires thereunder, one on each side thereof.

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

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: WATER TREATMENT SYSTEM

(51) International classification	:B01D35/147	(71)Name of Applicant:
(31) Priority Document No	:61/499302	1)KINETICO INCORPORATED
(32) Priority Date	:21/06/2011	Address of Applicant :10845 Kinsman Road Newbury OH
(33) Name of priority country	:U.S.A.	44065 U.S.A
(86) International Application No	:PCT/US2012/043511	(72)Name of Inventor:
Filing Date	:21/06/2012	1)PARK Stuart L.
(87) International Publication No	:WO 2012/177850	2)KOVACH Jerome P.
(61) Patent of Addition to Application	:NA	3)BROTMAN Mark J.
Number	:NA	4)HUNT Jimmie L.
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.2337/MUMNP/2013 A

(57) Abstract:

A water treatment system having an inlet for receiving water to be treated and a manifold that defines a pair of fluid streams communicating with the inlet. A valve module carried by the manifold controls the communication of water at the inlet with treatment cartridges and with a common outlet. The valve module includes a valve member that is movable between two positions such that in one position the valve member communicates each fluid stream with an associated cartridge and in a second position communicates the inlet with the common outlet and bypasses the cartridges. A remotely mounted cartridge depletion indicator is provided that includes a linkage that is magnetically coupled to a stem assembly located within a flow metering mechanism. Movement in the internal stem assembly is transferred via the magnetically coupled external linkage to a cartridge depletion indicator visible to the operator.

No. of Pages: 29 No. of Claims: 13

(21) Application No.2312/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: INCORPORATION OF DYE INTO GRANULAR LAUNDRY COMPOSITION

(51) International classification :C11D3/34,C11D3/37,C11D3/40 (71)Name of Applicant: (31) Priority Document No :1764/MUM/2011

(32) Priority Date :17/06/2011 (33) Name of priority country :India

(86) International Application No:PCT/EP2012/061406

Filing Date :15/06/2012 (87) International Publication No: WO 2012/172038

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

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

1)UNILEVER PLC

Address of Applicant: a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.

(72)Name of Inventor:

1)BATCHELOR Stephen Norman

2)KOHLI Gurpreet Singh

3)PATHAK Gaurav

(57) Abstract:

The present invention concerns granular laundry detergent compositions comprising a shading dye containing granule.

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

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: CONTAINER WITH INTEGRATED PLASTIC TEAR AWAY MEMBRANE

(51) International classification	:B65D43/16,B65D51/20	(71)Name of Applicant:
(31) Priority Document No	:13/163887	1)UNILEVER PLC
(32) Priority Date	:20/06/2011	Address of Applicant :a company registered in England and
(33) Name of priority country	:U.S.A.	Wales under company no. 41424 of Unilever House 100 Victoria
(86) International Application No	:PCT/EP2012/057958	Embankment London Greater London EC4Y 0DY U.K.
Filing Date	:01/05/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2012/175246	1)DOMOY Brett Christopher
(61) Patent of Addition to Application Number	:NA	-
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A container (2) is provided which includes a container body (4) a cap closure (8) and a plastic membrane (12). The container body(4) has a receiving area capable of holding a product. An open mouth surrounds the receiving area. A cap closure (6) is arranged over the open mouth. The cap closure(6)includes a fitment (8) engageable around the mouth and a lid (10) hingedly connected to the fitment (8). The plastic membrane (12) is integrally molded with the cap closure (6) and sealingly prevents leakage from the receiving area. The membrane (12) includes a minor area non frangibly attached to the fitment (8) having a V shaped outer border (18) with sections of the border converging to a pivot point (22) and a major area frangibly attached along its perimeter to the fitment (8) and to the V shaped outer border (18). A pull tab (24) is formed on a surface of the membrane at the pivot point (22).

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

(21) Application No.2314/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: AQUEOUS GELS

(51) International classification :A61K8/04,A61K8/34,A61K8/60 (71)Name of Applicant: :11170246.0

(31) Priority Document No (32) Priority Date :16/06/2011 (33) Name of priority country :EPO

(86) International Application :PCT/EP2012/058523

No :09/05/2012 Filing Date

(87) International Publication No:WO 2012/171725

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

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

Filing Date

1)UNILEVER PLC

Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.

(72)Name of Inventor:

1)SCOTT Janet Lesley 2)SMITH Christopher

3)UNALI Giovanni Francesco

(57) Abstract:

The invention provides an aqueous gel comprising: a) from 0.5 to 5 wt% dispersed modified cellulose biopolymer wherein the modification consists of the cellulose having its C6 primary alcohols oxidised to carboxyl moieties (acid/COOH) on 10 to 70% of the glucose units and substantially all the remainder of the C6 positions occupied by unmodified primary alcohols; b) a water soluble or water miscible organic non solvent for the modified cellulose biopolymer; c) 0 to 10 wt% non surfactant electrolyte and d) water; in which the aqueous gel comprises less than 3 wt% oil phase ingredients. The aqueous gels of the invention offer excellent tactile properties in particular superior skin feel and reduced stickiness. Furthermore the gels have thixotropic properties allowing their usage in pumpable or sprayable formats. They also provide sufficient structure for the suspension of a variety of particulate materials.

No. of Pages: 29 No. of Claims: 8

(22) Date of filing of Application :27/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention : A PATIENT MONITORING APPARATUS WITH GRAPHICAL AND TABULAR TREND REPRESENTATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	G06F19/00 :NA :NA :NA :NA :NA	Address of Applicant: L & T House Ballard Estate Mumbai 400 001 State of Maharashtra India and also having a place of business named as Medical Equipment & Systems Gate No. 5 Mysore Campus KIADB Industrial Area Hebbal Mysore-570018 Karnataka India
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	(72)Name of Inventor : 1)GOSH Rajdeep;
Filing Date	:NA	2)NAGARAJAN Ravindran;
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an integrated apparatus for physiological monitoring of patients. The system comprises an enclosure means; a patient monitor means secured within the enclosure means. The monitor means comprises at least one TFT display means providing plurality of displays such as bed number/unique code/ equipmentTMs serial part number and the like; at least one keyboard means having at least one audio and visual indication/alarm means amongst other components of the keyboard means; a noise & transient filtering means substantially placed inside the enclosure means; a visual alarm means comprises lamps and LEDTMs of various colors and at least one micro controller means/processor means operatively connected with the display means.

No. of Pages: 50 No. of Claims: 20

(22) Date of filing of Application :15/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : METHOD OF FABRICATING INVERTED PYRAMID ON CRYSTALLINE SILICON USING LITHOGRAPHY FREE FABRICATION TECHNIQUE

	:H01L	(71)Name of Applicant :
(51) International classification	31/0236, H01L	` /
	31/18	TECHNOLOGY, BOMBAY, POWAI, MUMBAI - 400076,
(31) Priority Document No	:NA	Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)SANDEEP S S
(86) International Application No	:NA	2)ANIL KOTTANTHARAYIL
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 proposes a method of lithography free inverted pyramid fabrication in silicon. The photolithography step required in conventional process for the fabrication of inverted pyramidal texturing in silicon has been eliminated. The entire lithography process is replaced by means of a thin film deposition process and an annealing step.

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

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: SYRINGE NEEDLE CATCHING DEVICE AND SAFETY SYRINGE WITH THIS DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61M5/32 :PV 2011-335 :03/06/2011 :Czech Republic :PCT/IB2012/001583 :07/06/2012 :WO 2013/008094 :NA :NA :NA	(71)Name of Applicant: 1)KAVALIREK Jan Address of Applicant: Milady Horakove 550/51 170 00 Praha 7 Czech Republic (72)Name of Inventor: 1)KAVALIREK Jan
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(57) Abstract:

The invention deals with a catching device of the needle (4) for a safety syringe containing a tube (1) and in the tube (1) containing an inserted connection foot (41) of the needle (4) or an inserted hub (3) adapted for fitting of the connection foot (41) of the needle (4) where in the connection foot (41) of the needle (4) or in the hub (3) a cylindrical cavity (32) with a conical inclination (31) is created and the tube (1) further contains an inserted plunger (2) fitted on the front face with a conical adapter (21) with a forward running cylindrical projection (212) and where at the same time in the foot (41) of the needle (4) or in the hub (3) adapted for fitting of the connection foot (41) of the needle (4) a transversal slot is created (33) in which a plate is inserted and where the principle of the catching device consists in the fact that the inserted plate is designed as a catching plate (34) that has a circular opening (341) in its centre where the perimeter edge of this circular opening (341) is adapted to increased elasticity in the radial direction by creating of an inner blade (3410) in the form of a conical skirt getting narrower in the direction outwards from the syringe tube (1). Another object of the invention is a safety syringe containing the above mentioned needle catching device where the principle of this syringe consists in the fact that on the inner side of the syringe tube (1) an inner perimeter projection (12) is created before the front edge of the plunger (2) while this place corresponds to such a position of the plunger (2) in the cavity of the syringe tube (1) where the perimeter edge (2101) of the base (210) of the conical adapter (21) of the plunger (2) is found before the catching plate (34) and at the same time the front end of the cylindrical projection (212) of this conical adapter (21) is found behind the catching plate (34).

No. of Pages: 24 No. of Claims: 7

(21) Application No.2349/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/12/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: LOW EMISSION HARDENER FOR EPOXY RESINS

(51) International :C07C211/27,C08G59/50,C08G59/56 classification

(31) Priority Document No :11174275.5 (32) Priority Date :15/07/2011

(33) Name of priority :EPO

country

(86) International :PCT/EP2012/063378 Application No

:09/07/2012 Filing Date

(87) International

:WO 2013/010842 Publication No

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

:NA Application Number :NA Filing Date

(71)Name of Applicant:

1)SIKA TECHNOLOGY AG

Address of Applicant : Zugerstrasse 50 CH 6340 Baar

Switzerland

(72)Name of Inventor: 1)BURCKHARDT Urs 2)KRAMER Andreas 3)STADELMANN Ursula

4)KASEMI Edis

(57) Abstract:

The invention relates to low odor low viscosity hardeners for epoxy resins comprising the amine of formula (I) and to a method for thinning hardeners for epoxy resins by adding the amine of formula (I). Said hardeners harden with epoxy resins quickly and without blushing to form films of high hardness and low brittleness even without thinners that cannot be incorporated such as benzyl alcohol. Said hardeners are suitable in particular for low emission coatings.

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

(22) Date of filing of Application :07/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: AN OIL RECOVERY PROCESS FROM SEEDS AND SYSTEM THEREOF

(51) International classification	:C07C31/22, C11B1/04, C11B1/10, C11B13/0	(71)Name of Applicant: 1)AHMEDABAD TEXTILE INDUSTRY TM S RESEARCH ASSOCIATION (ATIRA) Address of Applicant: P.O. Ambawadi Vistar, Ahmedabad-
(31) Priority Document No	:NA	380015, Gujarat, India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)Bharat S.Parikh
(86) International Application No	:NA	2)Mahesh Parikh
Filing Date	:NA	3)Vivek Trivedi
(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:

Accordingly, the present invention provides a process and a system for recovery of oil from seeds. More particularly, the invention relates to enhanced recovery of oil from cotton seeds, olive seeds, rape seeds, linseeds, soyabean seeds, groundnut seeds, and sunflower seeds. The present invention is able to achieve about 15-16% recovery of oil from seeds.

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

(21) Application No.2339/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: RECEIVING DEVICE RECEIVING METHOD TRANSMITTING DEVICE TRANSMITTING METHOD PROGRAM AND LINKED APPLICATION CONTROL SYSTEM

(51) International :H04N21/431,H04B1/16,H04H60/14

(31) Priority Document No :2012-095498

(32) Priority Date :19/04/2012 (33) Name of priority

country :Japan

(86) International :PCT/JP2013/060733

Application No
Filing Date

1.1C1/31 2013
:09/04/2013

(87) International Publication: WO 2013/157446

No (61) Potent

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

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

(71)Name of Applicant: 1)SONY CORPORATION

Address of Applicant: 1 7 1 Konan Minato ku Tokyo 1080075

Japan

(72)Name of Inventor : 1)KITAZATO Naohisa 2)DEWA Yoshiharu

(57) Abstract:

This invention relates to a receiving device receiving method transmitting device transmitting method program and linked application control system allowing the transmission side to control the control function of the linked application receiving device. In this linked application control system which is the third aspect of the present invention the transmitting device is provided with a supply unit for supplying the receiving device with application control information relating to the linked application which can be executed together with reception of content in the receiving device. The receiving device is provided with an application running unit which runs the linked application which can refer to the received content images and change the screen layout and with an application control unit which on the basis of the application control information controls the application running unit and restricts starting of the linked application. This invention can be applied to television broadcasting systems.

No. of Pages: 40 No. of Claims: 12

(22) Date of filing of Application :27/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: SECURED COMPUTER BASED ASSESSMENT

(51) International classification(31) Priority Document No(32) Priority Date	:G09B3/00, G06T7/00 :NA :NA	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant: Nirmal Building, 9th Floor, Nariman Point, Mumbai, 400021, Maharashtra India
(33) Name of priority country (86) International Application No	:NA :NA	(72)Name of Inventor: 1)SHAH, Mr. Viral Prakash
Filing Date	:NA	2)SHAIKH, Mr. Nawaz Mohammed
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	3)KUMAR, Mr. Rohit
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

System and methods for secured computer based assessment are described. In one embodiment, the method comprises capturing of proctoring data (124) at a candidate assessment device (104) from a candidate at predefined time intervals during an examination. The proctoring data (124) includes biometric data, still image, and surround sound associated with the at least one candidate. The proctoring data (124) captured at the candidate assessment device (104) is then transmitted to a central assessment server (102) connected to the candidate assessment device (104). At the central assessment server (102), the proctoring data (124) is compared with registration data (122), of the candidate, stored in the central assessment server (102). Based on the comparison, malpractice by the candidate during the examination is determined when the proctoring data (124) deviates from the registration data (122).

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

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

(43) Publication Date: 17/10/2014

(54) Title of the invention : A COMPUTER IMPLEMENTED BLEND CONTROL SYSTEM AND METHOD FOR PREPARATION OF A HYDROCARBON BLEND

		(71)Name of Applicant :
		1)RELIANCE INDUSTRIES LIMITED
	:G06F	Address of Applicant :3RD FLOOR, MAKER CHAMBER-IV
(51) International classification	17/00,	222, NARIMAN POINT, MUMBAI-400021, Maharashtra India
	G06F12/14	(72)Name of Inventor:
(31) Priority Document No	:NA	1)WADHWA ANIL
(32) Priority Date	:NA	2)JHA ASHISH RANJAN
(33) Name of priority country	:NA	3)SARAVANAN CHANDRA
(86) International Application No	:NA	4)DAS ASIT KUMAR
Filing Date	:NA	5)PATRA PINAKIRANJAN SANKARPRASAD
(87) International Publication No	: NA	6)MANDAL SUKUMAR
(61) Patent of Addition to Application Number	:NA	7)CHINTHALA PRAVEEN KUMAR
Filing Date	:NA	8)RAVICHANDRAN GOPAL
(62) Divisional to Application Number	:NA	9)PATEL SUDHIRKUMAR RAOJIBHAI
Filing Date	:NA	10)RAJAN ANAND RAJ
		11)PATHAK ASHOK SWAMISHARAN
		12)SRIVASTAVA SAUMYA

(57) Abstract:

A computer implemented blend control system and method for preparation of a hydrocarbon blend from a plurality of component streams have been disclosed. The system includes a product tank for receiving a mixture comprising the plurality of component streams. The system further includes a sensing and analyzing means adapted to sense and analyze a first attribute of the received mixture for obtaining a first attribute data. The system further includes an optimizing means which stores the attribute based model data, receives the first attribute data and compares the received first attribute data with the attribute based model data to compute an optimized proportion data, based on which the component streams are selectively drawn into the product tank for preparing the hydrocarbon blend.

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

(21) Application No.144/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :16/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: CONTROL DEVICE AND CONTROL METHOD DURING BYPASSING OF POWER UNITS

(31) Priority Document No :201210182584.X (32) Priority Date :31/05/2012	(71)Name of Applicant: 1)DELTA ELECTRONICS, INC. Address of Applicant: 252, SHANG YING ROAD, KUEI SAN, TAOYUAN HSIEN 333, R.O.C. Taiwan (72)Name of Inventor: 1)JIA LIU 2)YONG-QIANG LANG 3)YU, YANG MAO
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(57) Abstract:

A control device and a control method during bypassing of power units are provided. The method includes: detecting a first three-phase output electrical signal; calculating a first positive sequence component and a first negative sequence component of the first three-phase output electrical signal; providing a given positive sequence component and a given negative sequence component so as to respectively perform the closed-loop compensation on the first positive sequence component and the first negative sequence component, thereby outputting a second positive sequence component and a second negative sequence component; superimposing the second positive sequence component and the second negative sequence component; and outputting a second three-phase output electrical signal in a preset way.

No. of Pages: 37 No. of Claims: 10

(21) Application No.163/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :18/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: APPARATUS AND METHOD FOR REHEATING TURBINE STEAM

(51) International classification	:F01K7/16, F02C7/18, F02C7/16, F01K23/10	(71)Name of Applicant: 1)BALCKE DURR GMBH Address of Applicant:ERNST-DIETRICH-PLATZ 2 40882 RATINGEN, GERMANY
(31) Priority Document No	:102012001091.5	(72)Name of Inventor:
(32) Priority Date	:20/12/2012	1)MR. GUIDO BONATI
(33) Name of priority country	:Germany	2)MR. GERD STUCKENSCHNEIDER
(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 invention relates to an apparatus and a method for reheating turbine steam, comprising a reheater and a condensate collecting tank, into which condensate is guided from the reheater. A subcooler is provided upstream of the reheater in a common housing with the reheater. The subcooler is arranged beneath the reheater and the condensate collecting tank is connected with the subcooler in order to supply condensate from the condensate collecting tank as heating medium.

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

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: STEP PLATE MECHANISM FOR DOOR OPENING AND CLOSING DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:11/05/2012 :WO 2012/153852 :NA :NA	(71)Name of Applicant: 1)miimo LTD. Address of Applicant: 3F. Diane Koujimachi 3 5 Kouji machi 1 chome Chiyoda ku Tokyo 1020083 Japan (72)Name of Inventor: 1)NAKANO Yasuo
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

To further reduce the space required for installation, and to facilitate installation of a device for opening and closing a door by the stepping force of a pedestrian, the door-opening/closing device includes a step plate (2) provided with multiple bearings, a link (5) whose one end is coupled to a bearing (6) of the step plate (2), with the bearing (6) disposed in a metal part fixed on the floor and coupled to the other end of the link (5). The step plate (2) remains horizontal when stepped on, and moves downward in an arcuate manner in the direction in which the pedestrian is walking. The door (1) is opened and closed using this displacement (i.e., the step plates downward movement) as a motive force. The return mechanism of the step plate (2) is composed of a link extender in which the other end side of the link (5) is extended in the direction opposite from the step plate (2), and a weight (7) that is axially supported on the extending-end part of the link extender. When a pedestrian steps on the step plate (2) the weight (7) rises and the step plate (2) moves downward; and, when the pedestrian steps off the step plate (2), the weight (7) moves downward due to its own weight and causes the step plate (2) to rise.

No. of Pages: 21 No. of Claims: 6

(22) Date of filing of Application :08/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: BUCCOADHESIVE FILM OF BIFONAZOLE FOR ORAL CANDIDIASIS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61K31/415, A61K31/56 :NA :NA :NA	(71)Name of Applicant: 1)DR. DIPTI PATEL Address of Applicant: PHARMACY DEPARTMENT, PARUL INSTITUTE OF PHARMACY AND RESEARCH P.O. LIMDA, WAGHODIA, DIST. VADODARA-391760, Gujarat India
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA : NA :NA :NA :NA :NA	2)MR. SACHINKUMAR RAMESHBHAI PATEL 3)DR. DEVANSHU PATEL (72)Name of Inventor: 1)DR. DIPTI PATEL 2)MR. SACHINKUMAR RAMESHBHAI PATEL

(57) Abstract:

Buccoadhesive film of Bifonazole composed of TSP, Carbopol 934 were prepared by solvent casting method. Optimization of final formulation was carried out by applying 32 full factorial design. Buccoadhesive film were evaluated for swelling index, muccoadhesive strength, muccoadhesive time, drug content uniformity. In vitro drug release study was performed using modified USP dissolution apparatus type II. Optimized batch P4 of buccoadhesive film was selected based on maximum Swelling index, mucoadhesive strength and in vitro drug release study which were taken as critical responses. In vitro dissolution study showed that, the optimized formulation gave maximum amount of dug release 99.41±1.45% in phosphate buffer saline pH 6.8. In vitro permeability study revealed that significantly high permeation of drug was found from buccoadhesive film. Thus, the buccoadhesive film of Bifonazole prepared by solvent casting method showed acceptable mechanical properties and satisfactory in vitro drug release, in vitro permeability, mucooadhesive strength and mucooadhesion time and drug absorption properties. Stability study was performed Study perform at room temperature (30±2°C and 65±5% RH) and accelerated condition (40±2°C and75±5%RH) over period of one month. The result of stability study indicate there were no change in any parameter of optimize batch P4

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

(21) Application No.2178/MUMNP/2013 A

Point Mumbai 400 021 Maharashtra India

Address of Applicant :13th Floor Regent Chambers Nariman

(19) INDIA

(22) Date of filing of Application: 21/11/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention: TWO SIDED PACKAGING WITH IMPROVED TEAR INITIATION AND A METHOD AND WEB OF FILM LAMINATE FOR MANUFACTURING THE SAME

(51) International classification :B31B1/22,B31B1/25,B31B1/60 (71)Name of Applicant : (31) Priority Document No :2411/MUM/2012 1)THE PAPER PRODUCTS LTD.

(31) Priority Document No :2411/MUM/2012 (32) Priority Date :17/08/2012

(32) Priority Date :17/08/2012(33) Name of priority country :India

(86) International Application No:PCT/IN2012/000816 Filing Date :13/12/2012

(87) International Publication No: WO 2014/027357

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

(62) Divisional to Application Number :NA Filing Date :NA 1)SURESH Gupta

(72)Name of Inventor:

(57) Abstract:

The present invention refers to a method for manufacturing a packaging (18; 118) having a front side film laminate (26; 126) an opposite rear side film laminate (27; 127) and at least three continuous sealings (28 30 32; 128 129 130 132) to bond the front side laminate (26; 126) and the rear side laminate (27; 127) directly together.

No. of Pages: 55 No. of Claims: 27

(22) Date of filing of Application :11/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : KIT AND METHOD OF DETECTING THE RESISTANT MICROORGANISMS TO A THERAPEUTIC AGENT

(51) International classification	·C1201/04 C1201/18	(71)Name of Applicant :
(31) Priority Document No	:105744	1)UNIVERSIDADE DO PORTO
(32) Priority Date	:03/06/2011	Address of Applicant :Gabinete UPIN Pra§a Gomes Teixeira
` '		11
(33) Name of priority country	:Portugal	4° andar sala 419 P 4099 002 Porto Portugal
(86) International Application No		(72)Name of Inventor:
Filing Date	:04/06/2012	1)AZEVEDO PINA VAZ Cid;lia Irene
(87) International Publication No	:WO 2012/164547	2)AGOSTINHO GON‡ALVES RODRIGUES Ac¡cio
(61) Patent of Addition to Application	:NA	3)SANTOS SILVA DE FARIA RAMOS ANTUNES Isabel
Number	*	Cristina
Filing Date	:NA	4)DOS SANTOS ROCHA DO ROS RIO Rita Mafalda
(62) Divisional to Application Number	:NA	5)QUINTA E COSTA DE OLIVEIRA MORAIS Ana Sofia
Filing Date	:NA	6)PINTO E SILVA Ana Teresa

(57) Abstract:

The present invention relates to a method for detecting resistant microorganisms to a therapeutic agent in a biological sample comprising the following steps: a. inoculate the said sample uncultured on a first tube with and on a second tube without at least one therapeutic agent; preferentially further including at least one lysing agent and/or a buffer and/or a suitable culture medium or put the sample on a separation serum tube; and incubated it; b. add to both tubes a fluorescent marker; c. perform a fluorescence analysis for obtaining one or more fluorescence or growth parameters for each of the two tubes; wherein the microorganisms resistant phenotype of the biological sample to said therapeutic agent is obtained by comparing the one or more fluorescence parameters between the two tubes. Therefore the present invention is useful in laboratory procedures or routines for the detection of the susceptibility of different microorganisms to a therapeutic agent to the determination of microorganisms resistance mechanisms or even to evaluate the amount of antimicrobial drug in the biological sample.

No. of Pages: 40 No. of Claims: 27

(21) Application No.2321/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : NANOPLATE NANOTUBE COMPOSITES METHODS FOR PRODUCTION THEREOF AND PRODUCTS OBTAINED THEREFROM

(51) International classification	:C01B31/02,C01B31/04	(71)Name of Applicant:
(31) Priority Document No	:61/500562	1)MOLECULAR REBAR DESIGN LLC
(32) Priority Date	:23/06/2011	Address of Applicant: 13477 Fitzhugh Road Austin TX 78736
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/043533	(72)Name of Inventor:
Filing Date	:21/06/2012	1)BOSNYAK Clive P.
(87) International Publication No	:WO 2012/177864	2)SWOGGER Kurt W.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Compositions and methods of producing discrete nanotubes and nanoplates and a method for their production. The discrete nanotube/nanoplate compositions are useful in fabricated articles to provide superior mechanical and electrical performance. They are also useful as catalysts and catalyst supports for chemical reactions.

No. of Pages: 18 No. of Claims: 16

(22) Date of filing of Application :11/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : A NOVEL CURRENT SENSING AND ASSOCIATED SIGNAL PROCESSING TECHNIQUE FOR REDUCING MEASUREMENT ERROR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H01J21/18, G01R15/20 :NA :NA :NA :NA	(71)Name of Applicant: 1)LARSEN & TOUBRO LTD. Address of Applicant: L&T HOUSE, BALLARD ESTATE, MUMBAI-72, Maharashtra India (72)Name of Inventor: 1)KEDAR R PURANDARE
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:NA : NA :NA :NA	2)MOHIT GUPTA 3)KRITHIKA BHUVANESHWARAN 4)MANAF ATHARPARVEZ
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention discloses a technique for current sensing using PCB based Rogoswki coil consisting PCB coils arranged discretely around the carrying current conductor. The spacing between the PCB coils encompassing the conductor is decided keeping in mind the risk of errors in integration owing to large spacing angles or the hazard of introduction of external noise signals due to very small gaps between the coils. An optimal range of gap is kept between the coils balancing the above two factors. The number of PCBs required to completely encompass the conductor varies typically from 8 to 12. Taking measurements as all the discrete positions being impracticable, optimal positions for taking the measurement is identified. Thus the measurements of voltages at the discrete points surrounding the conductor which represent the magnetic flux at those points are integrated by using OP-AMP integrators. This results in obtaining a less attenuated detectable current signal for the sensing unit of the protection devices with better accuracy.

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

(21) Application No.2343/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date: 17/10/2014

(54) Title of the invention: IMAGE DATA TRANSMISSION DEVICE IMAGE DATA TRANSMISSION METHOD IMAGE DATA RECEPTION DEVICE AND IMAGE DATA RECEPTION METHOD

(51) International :H04N13/00,H04N7/173,H04N7/26 classification

(31) Priority Document No :2012-099316

(32) Priority Date :24/04/2012

(33) Name of priority country: Japan

(86) International Application :PCT/JP2013/057559

No

:15/03/2013 Filing Date

(87) International Publication :WO 2013/161442

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

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

(57) Abstract:

(71)Name of Applicant: 1)SONY CORPORATION

Address of Applicant: 17 1 Konan Minato Ku Tokyo 1080075

(72)Name of Inventor: 1)TSUKAGOSHI Ikuo

The purpose of the present invention is to enable easy and reliable identification at the receiving end prior to decoding of both cases in which a substream configuration constitutes a single video stream and cases in which a substream configuration constitutes multiple video streams. During transmission of a container of a prescribed format having a base video stream including first image data and a predetermined number of second image data related to this first data specific information is inserted at a placement location for information related to the base video stream of this container layer. During transmission of a container of a prescribed format including a base video stream including first image data and a predetermined number of extension video streams respectively including a predetermined number of second image data related to this first data specific information is inserted at a placement location for information related respectively to the predetermined number of extension video streams of this container layer.

No. of Pages: 97 No. of Claims: 17

(22) Date of filing of Application :07/01/2013 (43) Publication Date : 17/10/2014

RELEASE PHARMACELITICAL COMPOSITION COMPRIS

(54) Title of the invention : ABUSE-PROOFED, EXTENDED RELEASE PHARMACEUTICAL COMPOSITION COMPRISING TAPENTADOL OR A PHARMACEUTICALLY ACCEPTABLE SALT THEREOF AND PROCESSES FOR PREPARING THEREOF

(51) International classification	:A61K31/137, A61K9/20	(71)Name of Applicant: 1)ALKEM LABORATORIES LTD.
(31) Priority Document No	:NA	Address of Applicant :DEVASHISH, ALKEM HOUSE,
(32) Priority Date	:NA	SENAPATI BAPAT MARG, LOWER PAREL, MUMBAI 400
(33) Name of priority country	:NA	013 MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BABASAHEB AWARE
(87) International Publication No	: NA	2)VIKAS PATOKAR
(61) Patent of Addition to Application Number	:NA	3)SHARAD PACHARANE
Filing Date	:NA	4)MAVULETI KRISHNA PRASAD
(62) Divisional to Application Number	:NA	5)AMOL KULKARNI
Filing Date	:NA	
(==\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		

(57) Abstract:

The present invention relates to an abuse-proofed, extended release pharmaceutical composition and process of preparation thereof, for oral administration comprising; Tapentadol or a pharmaceutically acceptable salt thereof; as an active ingredient; at least one Hydrogenated vegetable oil as an extended release agent; at least one polyalkylene oxide polymer and; at least one aversive agent, and nasal irritating agent and said composition having a breaking strength of less than 200N.

No. of Pages: 29 No. of Claims: 13

(22) Date of filing of Application :10/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: VARIABLE LOADING PIN-ON-PLATE RECIPROCATING SLIDING TRIBOMETER (VLPOPRST)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	169/04 :NA :NA :NA	(71)Name of Applicant: 1)COLLEGE OF ENGINEERING, PUNE(COEP) Address of Applicant: WELLESLY ROAD, SHIVAJI NAGAR, PUNE - 411005, Maharashtra India (72)Name of Inventor:
(86) International Application No Filing Date	:NA :NA	1)AHUJA BHARATKUMAR BHAGATRAJ 2)PATIL SUDHIR MADHAV
(87) International Publication No	: NA	3)MHATRE SACHIN HIRAJI
(61) Patent of Addition to Application Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A tribometer is disclosed that is used for studying tribological behavior of a test specimen under reciprocating sliding contact conditions. The tribometer includes at least one drive assembly, a rotating plate, an amplitude variation arrangement, a connecting rod, a guided slider plate, a specimen support assembly, a variable loading assembly. The rotating plate is rotated by the drive assembly. The amplitude variation arrangement is defined on the rotating plate and is adjusted corresponding to a prerequisite amplitude. The connecting rod cooperates with the rotating plate though a first end via the amplitude variation arrangement. The guided slider plate cooperates with the rotating plate via a second end to convert rotational motion of the rotating plate into reciprocating motion of the slider plate. The specimen support assembly supports the test specimen on the slider plate. The variable loading assembly varies the loading on the test specimen.

No. of Pages: 43 No. of Claims: 12

(21) Application No.97/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :11/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : ROTO-SHIFT DOUBLE LATCHING MECHANISM OF A REMOTE MOTOR OPERATOR FOR A SWITCHING DEVICE

	:H01H71/70,	(71)Name of Applicant :
(51) International classification	H01H3/26,	1)LARSEN AND TOUBRO LTD.
	H01H9/28	Address of Applicant :L&T HOUSE, BALLARAD ESTATE,
(31) Priority Document No	:NA	MUMBAI-72, Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)RITESH HOODA
(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 roto-shift double latching mechanism for actuating electrical devices is provided. A rack and pinion arrangement is mounted on the bottom housing. The rack and pinion arrangement has a slot corresponding to a slot on the housing for mounting over the knob of the electrical device. A charging spring is connected between rack and shaft between side plates. Gearing arrangement is provided on the first side plate to transmit drive from prime mover to rack and pinion arrangement which charges the charging spring. The gearing mechanism contains ratchet wheel. A pawl is engaged with ratchet wheel to provide unidirectional motion while charging. A triangular latch is provided on the second side plate which engages with D-shaft. Ratchet -pawl arrangement and the triangular latch-D-shaft arrangement restricts the movement of the rack. A solenoid is mounted between two plates and actuating link connects the solenoid with ratchet and pawl arrangement and triangular latch. When solenoid actuates the connecting link, link simultaneously delatches the pawl from the ratchet and triangular latch from the D-shaft thus allowing release of charged spring and linear motion of the rack resets the electrical device.

No. of Pages: 23 No. of Claims: 4

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINING THE REQUIRED ROTATIONAL SPEED OF A BOBBIN DRIVE ROLLER

	:B65H63/036,	(71)Name of Applicant :
(51) International classification	D01H4/42,	1)OERLIKON TEXTILE GMBH & CO. KG
	B65H63/08	Address of Applicant :LEVERKUSER STRASSE 65, D-
(31) Priority Document No	:102012002579.3	42897 REMSCHEID, GERMANY
(32) Priority Date	:09/02/2012	(72)Name of Inventor:
(33) Name of priority country	:Germany	1)HEINZ-DIETER GOBBELS
(86) International Application No	:NA	2)HEINZ-JOSEF PEUKER
Filing Date	:NA	3)GUNTER SCHEER
(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 method, which reduces fluctuations in the rotational speed in cross-wound bobbins (8), in particular at the beginning of the bobbin travel, and to a textile machine producing cross-wound bobbins for carrying out the method. In the workstations (2) of a spinning machine (1), in the so-called winding apparatus (14), apart from cylindrical cross-wound bobbins, conical cross-wound bobbins (8) are also produced, for the uniform bobbin build-up of which, the feeding of the thread (7) at a constant winding tension is extraordinarily decisive. Fluctuations in the winding tension, apart from loose thread layers, can also lead to thread breaks, which impair the continuous spinning and winding process. To avoid these effects, it is provided according to the invention that, already before the piecing up or spinning start process, the angular momentums of the cross-wound bobbin (8) are detected by sensor and the respective drive diameter is calculated from the time sequence, in order, based thereon, to already select the rotational speed of the bobbin drive roller (10), in particular at the beginning of the bobbin travel.

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

(21) Application No.2300/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention: METHOD FOR IMPROVING THE REDUCTION DEGREE IN THE SMELTING OF FERROALLOY

(51) International classification	n:C22C33/04,C22C38/40,C22B1/16	(71)Name of Applicant:
(31) Priority Document No	:20110200	1)OUTOKUMPU OYJ
(32) Priority Date	:13/06/2011	Address of Applicant :Riihitontuntie 7 FI 02200 Espoo
(33) Name of priority country	:Finland	FINLAND.
(86) International Application	:PCT/FI2012/050580	(72)Name of Inventor:
No		1)M,,KEL,, Tuomo
Filing Date	:08/06/2012	2)NIEMEL,, Pekka
(87) International Publication No	:WO 2012/172168	<i>'</i>
(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 improving the reduction degree of metal components in a chromite concentrate when smelting ferroalloy suitable for manufacturing of stainless steel. The chromite concentrate is fed together with nickel containing raw material so that by means the amount of nickel containing raw material it is achieved a desired reduction degree for the metal components of ferroalloy.

No. of Pages: 12 No. of Claims: 16

12) FATENT AFFLICATION FUBLICATION

(21) Application No.3632/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :24/12/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: STAR DELTA STARTER

(51) International classification	:H02H7/08, H02K3/28, H02K3/04	(71)Name of Applicant: 1)Anam Atul Hareshbhai Address of Applicant: 130 Odhav Residency Pramukhswami
(31) Priority Document No	:NA	Nagar Road Bhuj Kutch GUJARAT INDIA
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)Anam Atul Hareshbhai
(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	
(55) 41		·

(57) Abstract:

The present invention relates to an induction motor starter, particularly a star delta starter comprising an improved component called star delta changer that reduces the size, cost and maintenance of the star delta starter by replacing conventional two separate star contactor and delta contactor in it and gives efficient result. The use of star delta changer in the induction motor starter reduces the number of components, cost up to 50%, maintenance up to 50% and size up to 50% as compared to the existing motor starters. The improved motor starter can also be used as Direct On-Line (D.O.L) Starter and the installation of said motor starter is very easy.

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

(19) INDIA

(22) Date of filing of Application: 22/11/2013

(21) Application No.2186/MUMNP/2013 A

(43) Publication Date: 17/10/2014

(54) Title of the invention: STRETCHING DEVICE

(51) International classification	:A63B22/16,A63B23/04	(71)Name of Applicant:
(31) Priority Document No	:1020110054574	1)HA Sung Eui
(32) Priority Date	:07/06/2011	Address of Applicant :604dong 302 Jungheung maeul 1054
(33) Name of priority country	:Republic of Korea	Jungdong Wonmigu Buchun si Kyoungido 420 020 Republic of
(86) International Application No	:PCT/KR2012/004427	Korea
Filing Date	:05/06/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2012/169762	1)HA Sung Eui
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a stretching device in which an inclined foothold is disposed on a foothold part so that a user stands to stretch muscles such as the calf and Achilles tendon. The foothold part (10) includes a bottom plate (12) disposed on the bottom and an inclined foothold (11) inclinedly disposed to be spaced upward from the bottom plate. A support part (30) is disposed on a center of the foothold part so that a user holds the support part. The support part (30) includes: a lower pipe shaped member (31) having a pipe shape and a lower end fixed to the bottom plate (12) an upper pipe shaped member (32) height adjustably fitted into the lower pipe shaped member (31) and having an upper end on which a handle (36) is disposed and a fixing hole (33) for fixing the upper pipe shaped member (32) to the lower pipe shaped member (31). The inclined foothold (11) is disposed rotatably with respect to the support part (30).

No. of Pages: 19 No. of Claims: 3

(21) Application No.2189/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/11/2013 (43) Publication Date : 17/10/2014

WEINIG A TAKE A GT ONE GAM GARRIER OF A ROTTOR O

(54) Title of the invention : CODING ELEMENT FOR MOUNTING AT LEAST ONE CAM CARRIER OF A ROTOR OF A ROTARY PRESS AND METHOD THEREFOR

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(86) International Application No
Filing Date
(87) International Publication No

:B30B11/08,B30B15/0
:10 2011 101 292.7
:10/05/2011
:Germany
:PCT/EP2012/001685
:19/04/2012
:WO 2012/152369

:NA

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

:B30B11/08,B30B15/02 (71)Name of Applicant :

1)FETTE COMPACTING GMBH

Address of Applicant : Grabauer Strasse 24 21493

Schwarzenbek GERMANY (72)Name of Inventor:
1)LDEMANN Stefan

2)LNEBURG Peter 3)MALICK Daniel

(57) Abstract:

Filing Date

The invention relates to a coding element for mounting at least one cam carrier (26) of a rotor (10) of a rotary press having at least one control cam element (28) wherein at least one coding element (36) is provided wherein the at least one coding element (36) comprises fastening means by way of which it can be fastened on the rotor (10) or a component connected thereto and wherein the at least one coding element (36) has coding means by way of which the position of the at least one control cam element (28) on the cam carrier (26) is unambiguously predetermined. The invention also relates to a corresponding method.

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

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

(43) Publication Date: 17/10/2014

(54) Title of the invention : SYSTEM AND METHOD FOR PREPARING HYDROCARBON BLEND FROM MULTIPLE COMPONENT STREAMS

		(71)Name of Applicant :
		1)RELIANCE INDUSTRIES LIMITED
	:C11D1/72,	11 /
(51) International classification	C11D3/20,	IV, 222, NARIMAN POINT, MUMBAI-400 021, Maharashtra
(31) international classification	C11D3/34,	India
	C11D3/43	(72)Name of Inventor:
(31) Priority Document No	:NA	1)WADHWA ANIL
(32) Priority Date	:NA	2)JHA ASHISH RANJAN
(33) Name of priority country	:NA	3)SARAVANAN CHANDRA
(86) International Application No	:NA	4)DAS ASIT KUMAR
Filing Date	:NA	5)PATRA PINAKIRANJAN SANKARPRASAD
(87) International Publication No	: NA	6)MANDAL SUKUMAR
(61) Patent of Addition to Application Number	:NA	7)CHINTHALA PRAVEEN KUMAR
Filing Date	:NA	8)RAVICHANDRAN GOPAL
(62) Divisional to Application Number	:NA	9)PATEL SUDHIRKUMAR RAOJIBHAI
Filing Date	:NA	10)RAJAN ANAND RAJ
		11)PATHAK ASHOK SWAMISHARAN
		12)SRIVASTAVA SAUMYA

(57) Abstract:

A computer implemented blend control system and method for preparation of a hydrocarbon blend from a plurality of components drawn from respective component tanks have been disclosed. The system, in accordance with the present disclosure includes at least one sensing and analyzing means adapted to sense and analyze a first attribute of at least one of the components for obtaining first attribute data. The system further includes, at least one optimizing means having a data storage means for storing attribute based model data. The optimizing means receives the first attribute data and transmits the received first attribute data to a comparator means which computes an optimized proportion data between each of the component streams to enable selective drawing of each of the component streams in accordance with the optimized proportion data for preparing the hydrocarbon blend.

No. of Pages: 31 No. of Claims: 15

(21) Application No.99/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :11/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: CAM OPERATED ROTARY MECHANISM

(31) Priority Document No F16D13/71,F16M7/00 :NA	(71)Name of Applicant: 1)LARSEN & TOUBRO LTD. Address of Applicant: L&T HOUSE, BALLARAD ESTATE, MUMBAI-72, Maharashtra India (72)Name of Inventor: 1)SANTHOSH POTHANA 2)PANKAJ THAKUR
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(57) Abstract:

The present invention discloses a mechanism for establishing multiple stable contact positions in a switching device. The camoperated toggling mechanism comprising of a manually actuating shaft, controlled by the operator. The actuating shaft being coupled
with a vertical rotor drives the vertical rotor which in turn moves a horizontal rotor through a multi-toothed cam connection. The
horizontal rotor having a multi-cam profile is engaged with the follower which slides along the cam profile. The follower slides along
the slot in the mechanism housing thereby compressing the mechanism springs. The release of these compressed mechanism springs
toggles the mechanism from one state to another thus enabling the multistate switching operation of the electrical device.

No. of Pages: 21 No. of Claims: 4

(21) Application No.2327/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/12/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention : PIXEL ARRAY AREA OPTIMIZATION USING STACKING SCHEME FOR HYBRID IMAGE SENSOR WITH MINIMAL VERTICAL INTERCONNECTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04N5/335 :61/485435 :12/05/2011 :U.S.A. :PCT/US2012/037824 :14/05/2012 :WO 2012/155142 :NA :NA	(71)Name of Applicant: 1)OLIVE MEDICAL CORPORATION Address of Applicant: 2302 South Presidents Drive Suite D Salt Lake City UT 84120 U.S.A. (72)Name of Inventor: 1)BLANQUART Laurent
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(57) Abstract:

Embodiments of a hybrid imaging sensor that optimizes a pixel array area on a substrate using a stacking scheme for placement of related circuitry with minimal vertical interconnects between stacked substrates and associated features are disclosed. Embodiments of maximized pixel array size die size (area optimization) are disclosed and an optimized imaging sensor providing improved image quality improved functionality and improved form factors for specific applications common to the industry of digital imaging are also disclosed. Embodiments of the above may include systems methods and processes for staggering ADC or column circuit bumps in a column or sub column hybrid image sensor using vertical interconnects are also disclosed.

No. of Pages: 71 No. of Claims: 66

(22) Date of filing of Application :02/01/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention : AN INJECTION LANCE FOR DE-SULPHURISATION OF HOT METAL BY INJECTING REAGENTS ALONGWITH CARRIER GAS AND A PROCESS THEREOF.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C21C1/02, C21C5/46 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)JSW STEEL LIMITED Address of Applicant: JINDAL MANSION, 5-A, DR. G. DESHMUKH MARG, MUMBAI - 400 026, STATE OF Maharashtra India (72)Name of Inventor: 1)DABBIRU, SATISH KUMAR 2)TRIPATHI, PRANAV 3)SAH, RAMESHWAR 4)BADAD, MADHUSUDAN ACHAR 5)RAMACHANDRA, SEKHAR VADAREVU 6)RAJU, JSN 7)SINGH, RISHIPAL
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(57) Abstract:

The present invention relates to an injection lance for injecting reagents into ladle containing molten metal for removing Sulphur at hot metal de-sulphurisation station (HMDS) before charging into converter for final steel making and a process for de-sulphurisation with increased efficiency. Importantly, the injection lance is having a curved port at the lance bottom where the port exit is at 45° from the axis adapted to imparting a combined rotational and translational flow profile to the carrier gas and reagent, by injecting them at an angle to the lance normal, thereby favouring increase in residence time of the injected reactants, reduction in mixing time of the injected reactants and consequent improvement in desulphurization efficiency.

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

(21) Application No.2303/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention : SYSTEM AND METHOD FOR SUB COLUMN PARALLEL DIGITIZERS FOR HYBRID STACKED IMAGE SENSOR USING VERTICAL INTERCONNECTS

(51) International classification	:A61B5/05	(71)Name of Applicant :
(31) Priority Document No	:61/485435	1)OLIVE MEDICAL CORPORATION
(32) Priority Date	:12/05/2011	Address of Applicant :2302 South Presidents Drive Suite D
(33) Name of priority country	:U.S.A.	Salt Lake City UT 84120 U.S.A.
(86) International Application No	:PCT/US2012/037855	(72)Name of Inventor:
Filing Date	:14/05/2012	1)BLANQUART Laurent
(87) International Publication No	:WO 2012/155150	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) A1		I .

(57) Abstract:

Embodiments of a hybrid imaging sensor and methods for pixel sub column data are read from within a pixel array. The hybrid imaging sensor and methods optimize the pixel array area and use a stacking scheme for a hybrid image sensor with minimal vertical interconnects between substrates.

No. of Pages: 52 No. of Claims: 27

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) P

(21) Application No.2377/MUMNP/2013 A

(43) Publication Date: 17/10/2014

(54) Title of the invention: MULTI FLUTE ENDMILL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:27/12/2011 :WO 2012/172710	(71)Name of Applicant: 1)Hitachi Tool Engineering Ltd. Address of Applicant: 3F. Seavans North 2 1 Shibaura 1 chome Minato ku Tokyo 1050023 Japan (72)Name of Inventor: 1)BABA Makoto 2)HIRAI Jun ichi
(86) International Application No	:PCT/JP2011/080208	(72)Name of Inventor:
Filing Date	:27/12/2011	1)BABA Makoto
(87) International Publication No	:WO 2012/172710	2)HIRAI Jun ichi
. ,	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

[Problem] To improve removal of chips generated when performing high feed processing of thin walled materials such as impellers using a multi flute endmill. [Solution] In a multi flute endmill (1) having a cutting edge part (3) provided with multiple cutting edges and flutes (8) formed between cutting edges that are adjacent in the direction of rotation around the tool axis (O) the rake face of the cutting edge is configured from: the rake face (6a) of an end cutting edge (6) from the tool axis (O) to the outer circumference of the shank (2); the adjacent rake face (5a) of a corner R edge (5) that forms a surface different from the rake face (6a) of the end cutting edge (6); and the adjacent rake face (4a) of a peripheral cutting edge (4) that forms a surface different from the rake face (5a) of the corner R edge (5). Between the rake face (6a) of an end cutting edge (6) and the flank (6b) of the end cutting edge (6) that is adjacent on the forward side thereof in the direction of rotation (R) a gash (7) which configures a space that is continuous with the flute (8) is formed and one surface that configures the gash (7) also serves as the rake face (6a) of the end cutting edge (6).

No. of Pages: 125 No. of Claims: 7

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: PROCESS FOR THE PREPARATION OF 3-CHLOROIMINODIBENZYL

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	C07D223/22 :NA :NA :NA :NA	(71)Name of Applicant: 1)HERBERT BROWN PHARMACEUTICAL & RESEARCH LABORATORIES Address of Applicant: W-256/257/258A, M.I.D.C. PHASE II, SHIVAJI UDYOG NAGAR, DOMBIVLI (E)-421 203, DIST- THANE, MAHARASHTRA, INDIA.
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA : NA :NA :NA :NA	 (72)Name of Inventor: 1)GUND, VITTHAL GENBHAU 2)SHINGOTE, SANTOSH SHIVAJI 3)PARANDE, GOWARDHAN POPAT 4)BANGAL, MUKUND NAMDEO
Filing Date	:NA	

(57) Abstract:

The present invention relates to a process for the preparation of substantially pure 3-chloroiminodibenzyl of structural Formula I, an intermediate of antidepressant drug Clomipramine hydrochloride comprising, reducing 5-acetyl-3-nitroiminodibenzyl of Formula III in an alcohol in presence of a metal catalyst under hydrogen pressure to yield 5-acetyl-3-aminoiminodibenzyl of Formula IV, reacting 5-acetyl-3-aminoiminodibenzyl of Formula IV with sodium nitrite in presence of hydrochloric acid in water at temperature ranging from 0-15°C to form a diazonium salt solution, insitu reacting the diazonium salt solution with cuprous chloride and concentrated hydrochloric acid in presence of an organic solvent selected from a hydrocarbon to form a crude 5-acetyl-3-chloroiminodibenzyl of Formula V, purifying the crude 5-acetyl-3-chloroiminodibenzyl by recrystallization and hydrolyzing 5-acetyl-3-chloroiminodibenzyl of Formula V with an aqueous alkali metal hydroxide in presence of n-butanol at temperature of about 100-110°C for 4 to 6 hours under nitrogen atmosphere

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

(21) Application No.2180/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: COMBINATION FOR TREATMENT OF DIABETES MELLITUS

(51) International :A61K31/05,A61K31/12,A61K31/155

classification .A01K31/03,A01K31/12,A01K31/

(31) Priority Document No :2011122374 (32) Priority Date :02/06/2011 (33) Name of priority

country :Russia

(86) International :PCT/RU2012/000254

Application No
Filing Date

1. C1/RO201
:05/04/2012

(87) International Publication No :WO 2012/166008

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

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

(71)Name of Applicant:

1)LESHKOV Sergey Yurievich

Address of Applicant: 8 ya ul. Tekstilschikov 13 2 155

Moscow 109129 Russia

2)VIKHRIEVA Nina Sergeevna 3)KRECHETOV Sergey Petrovich

(72)Name of Inventor:

1)LESHKOV Sergey Yurievich 2)VIKHRIEVA Nina Sergeevna 3)KRECHETOV Sergey Petrovich

(57) Abstract:

A combination is claimed for treating diabetes mellitus that can be executed in the form of a pharmaceutical composition or a pharmaceutical set. The combination comprises antihyperglycemic agents and natural phenolic compounds capable of uncoupling oxidative phosphorylation. The said combination provides the possibility to reduce the incidence of side effects resulting from the use of antihyperglycemic preparations in particular the risk of lactacidosis.

No. of Pages: 24 No. of Claims: 22

(22) Date of filing of Application :21/01/2013

(43) Publication Date: 17/10/2014

$(54) \ Title \ of the invention: PROCESS \ FOR \ THE \ PREPARATION \ OF \ 16,17-BUTYLIDENEDIOXY-11,21-DIHYDROXYPREGNA-1,4-DIENE-3,20-DIONE$

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)CADILA HEALTHCARE LIMITED Address of Applicant: ZYDUS TOWER, SATELLITE CROSS ROAD, AHMEDABAD - 380 015, GUJARAT INDIA. (72)Name of Inventor: 1)DIWAKAR, SANTOSH DEVIDAS 2)SHAH, VRAJESH RAMESHCHANDRA 3)PATEL, HARESH NARANBHAI 4)HITKARI, ANURAG VISHNUSAHAI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to novel process for the preparation of 16, 17-butylidenedioxy-11,21-dihydroxypregna-1,4-diene-3,20-dione of Formula (I) and its purification thereof.

No. of Pages: 11 No. of Claims: 14

(22) Date of filing of Application :07/01/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention : CHEMICALLY IMPREGNATED AND PROCESSED BARK OF TAMARINDUS INDICA (IMALI) AS ADSORBENT FOR REMOVAL OF ARSENIC(III) FROM WATER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61K9/70, A61K36/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)DHOBLE, R.M. Address of Applicant: PLOT 36, MASKE LAYOUT, SARVATRA NAGAR, NARENDRA NAGAR NAGPUR 440015 Maharashtra India 2)BHOLE, A.G. (72)Name of Inventor:
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	1)DHOBLE, R.M. 2)BHOLE, A.G.

(57) Abstract:

It was found that the tree barks which were used so far as adsorbents for removal of As(III) and As(V) from water had less potential of adsorption for the same. The present approach of Imali (Tamarindus Indica) tree barks after processing and after impregnating with ferric nitrate (Fe(N03)3.9H20) significantly improves the capacity of removal of As(III) and As(V) from water by adsorption process.

No. of Pages: 28 No. of Claims: 2

(21) Application No.2282/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/12/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention : ORGANIC PHOTODIODE PROVIDED WITH AN ACTIVE ZONE COMPRISING MEANS FOR PROMOTING CHARGE CARRIER COLLECTION AND CONDUCTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:11 55509 :22/06/2011 :France :PCT/EP2012/061740 :19/06/2012 :WO 2012/175512 :NA :NA	(71)Name of Applicant: 1)COMMISSARIAT L‰NERGIE ATOMIQUE ET AUX %NERGIES ALTERNATIVES Address of Applicant:25 rue Leblanc Btiment Le Ponant D F 75015 Paris France. 2)ISORG (72)Name of Inventor: 1)BENWADIH Mohammed
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present application relates to a photodiode provided with at least one active zone (102 202) located between a first electrode (104) and a second electrode (106) the active zone comprising elongate conductive or semiconductor elements extending between the electrodes (111 113 211 213 311 313) and intended to promote charge carrier collection and transportation in the active zone.

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

(21) Application No.2351/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: PROCESS FOR A GROWTH FACTOR CONTAINING COMPOSITION FROM PLATELETS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61K38/18 :P201100867 :29/07/2011 :Spain :PCT/ES2012/000196 :13/07/2012 :WO 2013/017707 :NA :NA	(71)Name of Applicant: 1)ANITUA ALDECOA Eduardo Address of Applicant: San Antonio 15 5° E 01005 Vitoria Spain (72)Name of Inventor: 1)ANITUA ALDECOA Eduardo
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for obtaining a composition containing growth factors comprising the following phases consisting in: heat treating a platelet rich plasma or a platelet rich plasma supernatant containing released growth factors in order to raise the temperature thereof such that the complement is eliminated and the immunoglobulins present in same are reduced; and lyophilising the plasma or supernatant in order to obtain a final dry composition which is easy to transport handle and conserve and which facilitates periodic or chronic treatments with blood compounds. It has been shown that once the final dry composition has been re suspended a newly wet composition is obtained in which the original biological properties are retained.

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

(21) Application No.2328/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: IMPROVED IMAGE SENSOR FOR ENDOSCOPIC USE

(51) International classification (31) Priority Document No	:A61B1/04 :61/485440	(71)Name of Applicant: 1)OLIVE MEDICAL CORPORATION
(32) Priority Date	:12/05/2011	Address of Applicant :2302 South Presidents Dirve Suite D
(33) Name of priority country(86) International Application No	:U.S.A. :PCT/US2012/037859	Salt Lake City UT 84120 U.S.A. (72)Name of Inventor:
Filing Date	:14/05/2012	1)BLANQUART Laurent
(87) International Publication No (61) Patent of Addition to Application	:WO 2012/155152	2)TALBERT Joshua D. 3)HENLEY Jeremiah D
Number	:NA	4)WICHERN Donald M.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An endoscopic device having embodiments of a hybrid imaging sensor that optimizes a pixel array area on a substrate using a stacking scheme for placement of related circuitry with minimal vertical interconnects between stacked substrates and associated features are disclosed. Embodiments of maximized pixel array size/die size (area optimization) are disclosed and an optimized imaging sensor providing improved image quality improved functionality and improved form factors for specific applications common to the industry of digital imaging are also disclosed. Embodiments of the above may include systems methods and processes for staggering ADC or column circuit bumps in a column or sub column hybrid image sensor using vertical interconnects are also disclosed.

No. of Pages: 110 No. of Claims: 37

(22) Date of filing of Application :08/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: LIPOSOMES AS DRUG CARRIERS FOR THE TREATEMENT OF LYMPHATIC FILARIASIS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61P 27/06,A61K31/175 :NA :NA :NA	Address of Applicant :PHARMACY DEPARTMENT, PARUL INSTITUTE OF PHARMACY AND RESEARCH P.O. LIMBA, WAGHODIA, DIST. VADODARA-391760, Gujarat
(86) International Application No	:NA	India
Filing Date	:NA	2)MR. RAJ VIRENDRABHAI BHATT
(87) International Publication No	: NA	3)DR. DEVANSHU PATEL
(61) Patent of Addition to Application Numbe	r:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. DIPTI PATEL
(62) Divisional to Application Number	:NA	2)MR. RAJ VIRENDRABHAI BHATT
Filing Date	:NA	

(57) Abstract:

The aim of the present investigation was to develop topical polymeric colloidal dispersion of Acetazolamide for management of glaucoma and to reduce the side effects of the drug and to prolong the release. Ethylcellulose and Polyvinyl pyrollidone K-30 were used as polymer to control the release. Tween-80 was used as emulsifying agent and liquid paraffin was used as oil phase. The results of FT-IR spectroscopy indicated the stable character of Acetazolamide and revealed absence of drug polymer interaction. Polymeric pseudolatices were evaluated for pH, viscosity, Average particle size, Drug content, and Diffusion. The particle size of the pseudolatices was in the range of 7-12 urn. The in vitro drug release study showed that Acetazolamide release from the pseudolatices was slow and sustained for 24 hrs. Batch F8 showed excellent release of drug. The in-vitro drug release from optimized formula was found to be 99.21 at 24 hrs. No irritation was found in the eye of rabbit and reduction in JOP was significant in rabbit eye. Formulation was remain stable during short term stability testing of 1 month, hence, polymeric colloidal dispersion of acetazolamide could prove to be a better alternative than conventional dosage form and better therapeutic efficacy. Key words: Acetazolamide, Glaucoma, Ethyl Cellulose, Polyvinyl Pyrollidone K-30, Stability study.

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

(22) Date of filing of Application :09/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: INJECTABLE LIQUID COMPOSITION CONTAINING CHLOROTHIAZIDE OR ITS SALTS

(51) International classification(31) Priority Document No(32) Priority Date	:A61K9/08, C07C229/60 :NA :NA	(71)Name of Applicant: 1)GETZ PHARMA RESEARCH PVT. LTD. Address of Applicant: PLOT, PL-11, M.I.D.C. ADDL, AMBERNATH, DIST. THANE-421 506, Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)DR. JEFFREY BAUER
Filing Date	:NA	2)BOBBA VENKATA SIVAKUMAR
(87) International Publication No	: NA	3)ALOK PRAMOD TRIPATHI
(61) Patent of Addition to Application Number	:NA	4)VINODKUMAR GURUNATH INDURE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention relates to stable ready to use injectable liquid composition of chlorothiazide or its pharmaceutically acceptable salts.

No. of Pages: 23 No. of Claims: 19

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: APPARATUS AND METHOD OF IN APPLICATION LICENSING

(51) International classification :G06F21/00,c (31) Priority Document No :13/118701 (32) Priority Date :31/05/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/039673

Filing Date :25/05/2012 (87) International Publication No :WO 2012/166640

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

:G06F21/00,G06F21/24 (71)**Name of Applicant :**

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.

(72)Name of Inventor:

1)MAHAN Michael P. 2)SWINSON Kenneth S. 3)MANDYAM Giridhar D.

(57) Abstract:

Apparatus and methods for licensing include executing a base application on a device initiating a transaction with an application store to obtain access to a subordinate licensable item that is usable by the base application receiving a transaction receipt corresponding to the transaction for the subordinate licensable item and obtaining from a license server a subordinate license that corresponds to the subordinate licensable item. Additionally the apparatus and methods may include storing a base license for a base application on a device acquiring a subordinate license for a subordinate licensable item usable by the base application receiving a request to execute the base application enforcing by a license agent service on the device the base license with respect to executing the base application and enforcing by the base application the subordinate license during execution of the base application.

No. of Pages: 50 No. of Claims: 47

(22) Date of filing of Application :04/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : AUTOMATIC CONTROL DEVICE OF MANUAL TRANSMISSION FOR AUTOMATIC SPEED CHANGE

(51) International classification	:G06F7/00	(71)Name of Applicant :
	:KR 10-	1)DONGHWAN IND. CORP.
(31) Priority Document No	2013-	Address of Applicant :535 KONGDAN-RO, SUNGSAN-GU,
	0000215	CHANGWON-SI, GYEONGSAN-DO 642-315, Republic of
(32) Priority Date	:02/01/2013	Korea
(33) Name of priority country	:Republic	(72)Name of Inventor:
(33) Name of priority country	of Korea	1)KO, DONG HWAN
(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:

Disclosed therein is an automatic control device of manual transmission for automatic speed change. Clutch operating means using a combination of a motor and gears, transmission lever operating means using a combination of a motor and gears, and a control part, which check a driving state of a vehicle in real time and controls the motor if gear-shifting is needed, are additionally mounted to a general manual transmission, so that the general manual transmission can automatically shift the gear like an automatic transmission.

No. of Pages: 23 No. of Claims: 9

(22) Date of filing of Application :07/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : AN IMPROVED AIR VENT DEVICE FOR DIRECTING AND CONTROLLING AN AIR FLOW FROM A HVAC SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:F24F7/00, F24F13/10 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)FAURECIA INTERIOR SYSTEMS INDIA PVT.LTD. Address of Applicant: PLOT NO.T-187, PIMPRI INDUSTRIAL AREA(B.G BLOCK), BHOSARI, PUNE 411026, Maharashtra India (72)Name of Inventor: 1)JAYKUMAR BHATTAD 2)FIROZ SIDDIQUI
` /		

(57) Abstract:

Accordingly the present invention discloses an improved air vent for directing and controlling an air flow from a heating, ventilation and air conditioning (HVAC) system, the air vent comprising: a outer bezel (1); a central spine (2); an inner sphere (3); a flexible duct (4); an instrument panel surface (5); said flexible duct (4) is configured for opening and closing of said air vent and for directing the air received from the rigid duct (6) to the air vent in a predetermined direction.

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

7)DA SILVA TEIXEIRA D;rio Nuno

(19) INDIA

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: REAR HANDLE FOR MOTORCYCLE

:NA

(51) International classification	:B62J1/28,B62J7/04,B62J27/00	(71)Name of Applicant :
(31) Priority Document No	:PT 105743	1)SODECIA CENTRO TECNOLGICO S.A.
(32) Priority Date	:06/06/2011	Address of Applicant :Rua Engenheiro Frederico Ulrich N°
(33) Name of priority country	:Portugal	2650 4470 605 Maia Portugal
(86) International Application No	:PCT/PT2012/000009	(72)Name of Inventor:
Filing Date	:16/03/2012	1)RIBEIRO REI Carlos Manuel
(87) International Publication No	:WO 2012/169918	2)GON‡ALVES RIBEIRO Carlos Alexandre
(61) Patent of Addition to	:NA	3)CORREIA LEITE Jo£o Manuel
Application Number	:NA	4)MARQUES RIBEIRO Carlos Jorge
Filing Date	.IVA	5)FIGUEREDO DE S Ricardo
(62) Divisional to Application	:NA	6)DUARTE FREITAS Ricardo Manuel
AT 1	.INA	FOR A CHANA DEINEIDA D. * N

(57) Abstract:

Filing Date

Number

This invention relates to a hybrid rear handle for motorcycles, consisting of a metal structure connecting the rear of the motorcycle and the base for attaching the luggage and supporting the passenger, attached to the rear of the motorcycle, completely covered with a polymer, characterised by the inclusion of three metal components: - A front component (1) made up of a basic metal plate with curved ends; - A rear component (2) or rear support with a U shape, the ends of whose flaps are turned between 45° and 135°; - a reinforcing component (3) that connects the U flaps of the second component; these parts are joined by the polymer when they are injected over the suitably mounted metal parts in order to form a closed structure.

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

(21) Application No.2316/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: CENTRIFUGAL BLOWER SYSTEM AND FUEL CELL INCORPORATING SAME

(51) International classification	:F04D25/16	(71)Name of Applicant:
(31) Priority Document No	:13/168280	1)WATT FUEL CELL CORP.
(32) Priority Date	:24/06/2011	Address of Applicant :27 Seaview Boulevard Port Washington
(33) Name of priority country	:U.S.A.	NY 11050 U.S.A.
(86) International Application No	:PCT/US2012/042569	(72)Name of Inventor:
Filing Date	:15/06/2012	1)DEWALD Paul
(87) International Publication No	:WO 2012/177494	2)FINNERTY Caine
(61) Patent of Addition to Application	:NA	3)DONLEY Robert P.
Number	*	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(5-1) A 1		•

(57) Abstract:

A centrifugal blower system (10) includes: a) a series of blower units (11 12) each blower unit in the series comprising a casing (14) having an axial inlet (15) and a radial outlet (16) an impeller (20) disposed within the casing for drawing a gaseous medium at a first pressure into the inlet and expelling gaseous medium at a second higher pressure through the outlet and a motor (18) for driving the impeller (20); and b) a duct (13) connecting the outlet of at least one blower unit in the series with the inlet of at least one other blower unit in the series.

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

(19) INDIA

(22) Date of filing of Application :11/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : COMMUNICATIONS TERMINAL METHOD AND APPARATUS FOR INTERFERENCE CANCELLATION AND METHOD OF DEMODULATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:19/12/2012 :WO 2013/091540 :NA :NA	(71)Name of Applicant: 1)SPREADTRUM COMMUNICATIONS (SHANGHAI) CO. LTD. Address of Applicant: Spreadtrum Center Building No.1 Lane 2288 Zuchongzhi Road Zhangjiang Shanghai 201203 China (72)Name of Inventor: 1)SHEN Xuqiang 2)DONG Xiaojian
Filing Date	:NA	
(57) Abstract:	•	

(21) Application No.2318/MUMNP/2013 A

(57) Abstract:

A method and a communication terminal for reducing or cancelling inter cell interference in a multicarrier communication system where multicarrier symbols are received that include pilot data from interface stations not in communication with the communication terminal. Subcarrier data of the subcarriers that contain the pilot data are retrieved and used to reduce interference in the received multicarrier symbols.

No. of Pages: 49 No. of Claims: 48

(21) Application No.95/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :11/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: COMPOSITION FOR RESTORATION OF VAGINA

(51) International classification	:A61K36/00,A61K31/7024	(71)Nome of Applicant
(31) Priority Document No	:NA	1)WASUDEO SHANKERJI PANDE
(32) Priority Date	:NA	Address of Applicant :OPP. MAJOR STORES, OPP. NAGAR
(33) Name of priority country	:NA	PARISHAD GARDEN, VAIDYA NAGAR, DURGAPUR,
(86) International Application No	:NA	POST- URJANAGAR, CHANDRAPUR Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)WASUDEO SHANKERJI PANDE
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Numbe	r :NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a composition in a cream form for restoration of 6yvagina wherein, 20% w/v of powdered Madanphala (Randia Dumetorum) fruit. 20% w/v of powdered Karpoora (Cinnumomum Camphora) and 60% w/v of Madhu {Honey} are mixed together, to form a composition of the present invention. The amount of honey is adjusted in order to form a composition. Further, the mixture is stirred uniformly to form a cream and then the cream is stored in a proper container. lgm-3gm of cream prepared by the above process may be applied in the vagina of a women suffering from the symptoms of loose vagina or as directed by a physician.

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

(21) Application No.98/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :11/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: SLIDING SYSTEM OF CONTACTS FOR MCC FULL WIDTH MODULES

		(71)Name of Applicant:
(51) International classification	13/28,	,
	H01R	Address of Applicant :L&T HOUSE, BALLARD ESTATE,
	24/62	MUMBAI-72, Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)ABINAYA. U
(33) Name of priority country	:NA	2)ABHISHEK PANICKER
(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 braid-less sliding contact assembly consists of a moving contact with a U-spring assembled on it The fixed contact is assembled with the said moving contact via pin and compression spring. The said fixed contact is placed on a bottom housing and closed by a top housing. The said fixed contact is then assembled on the contact arm by drivers. The said contact arm is moved by a mechanism, thereby moving the housing and the moving contact. The said moving contact slides over the fixed contact arm towards the external links. There are three positions of operation of the moving contact The isolation position, in which the moving contact does not make connection with the external links, the test position in which the moving contacts are nearer to the external links and the service position in which the moving contacts touch the external links and they are also connected to the fixed contacts.

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

(22) Date of filing of Application :08/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: SUSTAINED RELEASE PHARMACEUTICAL COMPOSITION OF IBUPROFEN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61K31/19, A61K9/50 :NA :NA :NA :NA	(71)Name of Applicant: 1)CENTAUR PHARMACEUTICAL PRIVATE LIMITED Address of Applicant: CENTAUR HOUSE, NEAR GRAND HYATT, SHANTI NAGAR, VAKOLA, SANTACRUZ(EAST), MUMBAI- 400055, Maharashtra India (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA :NA :NA	1)MR. DUMBRE NILESH TANHAJI 2)MR. BHADGALE MAHESH MOHANRAO 3)MR. DESAI SUPRIYA SAMAR

(57) Abstract:

A method of preparing sustained release pharmaceutical composition of 1buprofen comprising a) mixing coprocessed guar gum and sugar with Ibuprofen, at least one filler, granulating agent/binder, glident and one lubricant to form tabletting mixture; b) compressing tabletting mixture into tablets and c) coating tablets to obtain sustained release pharmaceutical dosage form.

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

(21) Application No.113/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF PRESERVATIVE FREE HERBAL COSMECEUTICAL COMPOSITIONS

(51) International classification	:A61K8/19, A61K8/97, A61Q19/00, A61Q19/1	SHANIWAR PETH, PUNE-411030, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)AGASHE, MANDAR
(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 relates to a process for preparing a preservative free herbal cosmeceutical composition. The composition contains one or more substance derived from at least one botanical, selected from the group consisting of Aloe barbadensis, Rosa sinensis, Emblica officinalis, Eclipta alba, Lawsonia inermis, Curcuma longa and Cucumis sativus. In accordance with the process of the present disclosure the herbal cosmeceutical composition is filled in a pre-sterilized packaging material under aseptic condition and subsequently the packaging material is sealed to obtain a pack containing a preservative free herbal cosmeceutical composition.

No. of Pages: 25 No. of Claims: 13

(21) Application No.2190/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 22/11/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention : METHOD AND DEVICE FOR PRECIPITATING OVERSPRAY AND INSTALLATION PROVIDED THEREWITH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:13/07/2012 :WO 2013/013780 :NA :NA	(71)Name of Applicant: 1)EISENMANN AG Address of Applicant: T ¹ / ₄ binger Str. 81 71032 Bblingen GERMANY (72)Name of Inventor: 1)LINK Kersten 2)R-CKLE J ¹ / ₄ rgen
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In a method for precipitating overspray from the overspray laden booth exhaust air of coating installations in particular from painting installations the overspray is carried by an air stream to a precipitation device (42) where a majority at least of the solid material is precipitated from the overspray. The overspray laden booth exhaust air is guided through filter modules (40) in which overspray is precipitated and which are designed as replaceable one way components having a filter housing (46) and a filter unit (52) wherein each filter module (40) is replaced by an empty filter module (40) after reaching a loading with overspray. Moreover the invention relates to a device for precipitating overspray by means of such one way filter modules and to an installation for coating objects (4) in particular vehicle bodies.

No. of Pages: 34 No. of Claims: 16

(22) Date of filing of Application: 22/11/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: A METHOD FOR THE PRODUCTION OF HYDROLYZED ALLERGENS

(51) International classification :C07K1/14,C07K1/18,C07K1/30 (71)Name of Applicant: (31) Priority Document No :11170031.6

(32) Priority Date :15/06/2011

(33) Name of priority country :EPO

(86) International Application No:PCT/EP2012/061404

Filing Date :15/06/2012 (87) International Publication No: WO 2012/172037

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)BIOTECH TOOLS S.A.

Address of Applicant :Rue de Ransbeek 230 Bloc V B 1120

Brussels Belgium

(72)Name of Inventor: 1)PLACIER Gael 2)FRISCH Laetitia 3)LEGON Thierry

4)BENOIT Marie Ange

(57) Abstract:

A method for the production of hydrolyzed allergens from allergens comprising the steps of: a) extracting a source of allergens comprising allergenic proteins to form an extract b) purifying the extract to remove non protein components to form a purified extract c) denaturing the purified extract with a first denaturing agent to form a purified denatured extract d) refining the purified denatured extract to remove impurities to form a refined denatured extract e) denaturing the refined denatured extract with a second denaturing agent to form denatured allergen mixture and f) hydrolyzing the denatured allergen mixture to form the hydrolyzed allergens.

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

(21) Application No.41/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: FILTER CLEANING SYSTEM

	:B01D45/18,	(71)Name of Applicant :
(51) International classification	B01D46/04,	1)SUSHIL SUKHLAL PIPADA
	B01D46/48	Address of Applicant :PLOT NO 9, SARANG SOCIETY,
(31) Priority Document No	:NA	GARKHEDHA ROAD, NEAR GAJANAN MAHARAJ
(32) Priority Date	:NA	MANDIR, AURANGABAD 431005. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)SUSHIL SUKHLAL PIPADA
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 provides a filter cleaning system and method for cleaning heavy filters. The system provides a filter cleaning system which does not provide mechanical stress on filters to be cleaned. The filter cleaning system includes arrangements to clean (he air filters using compressed air, pressurized water and then drying.

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

(21) Application No.2294/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 07/12/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention: COMPOUNDS PHARMACEUTICAL COMPOSITIONS AND A METHOD FOR THE PROPHYLAXIS AND TREATMENT OF THE ADHESION PROCESS

(51) International :C08G73/06,C08L79/06,A61P41/00

classification (31) Priority Document No :RU2011119848 :17/05/2011 (32) Priority Date

(33) Name of priority country: Russia

(86) International Application :PCT/IB2012/052483

No :17/05/2012 Filing Date

(87) International Publication: WO 2012/156938

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

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

(71)Name of Applicant:

1)JOINT STOCK COMPANY PHARMASYNTEZ

Address of Applicant :JSC Pharmasyntez patent attorney RF Fedorov D.V. office 3 dom 23 ul. Krasnogvardeyskaya Irkutsk 664007 Russia

(72)Name of Inventor:

1)SHURYGIN Mikhail Gennadievich 2)SHURYGINA Irina Aleksandrovna

(57) Abstract:

The invention relates to the field of pharmacy clinical and experimental medicine and veterinary medicine and in particular to novel inhibitory compounds of a p38 MAP kinase with a structure of the type (I) (VII) which can be used for the treatment or prophylaxis of adhesion. The invention discloses pharmaceutical compositions containing an effective amount of the substance SB203580 or one of the compounds of the type (I) (VII) or a combination thereof and a pharmaceutically acceptable carrier a diluent or an excipient. Also disclosed is the use of the substance SB203580 as an agent having anti adhesion activity. Also disclosed is: a method for the prophylaxis and/or treatment of a disease or a condition in which there is the possibility of the formation and/or growth of adhesions which makes it possible to dispense with the additional administration of a preparation in the post operative period.

No. of Pages: 53 No. of Claims: 25

(21) Application No.81/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :10/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: APPARATUS FOR PREPARATION OF INDIAN TEA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A23F3/06, A23F 3/14 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)ANAND VASANT BAM Address of Applicant:24 ANANT COLONY, BIBVEWADI CORNER, SATARA ROAD, PUNE 411037, Maharashtra India 2)MRINALINI ANAND BAM (72)Name of Inventor: 1)ANAND VASANT BAM 2)MRINALINI ANAND BAM
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(57) Abstract:

An automated apparatus for preparation of an Indian tea beverage is disclosed that includes a plurality of vessels containing ingredients such as liquid milk, tea powder, spices, sugar, and water that are added in a controlled manner in a vessel followed by controlled heating thereof to obtain Indian type tea for drinking. The apparatus includes a controlled tea dispensing mechanism defined by an auger for automatic dispensing of controlled quantity of fresh tea powder to be used for brewing the tea. The apparatus also includes a tea boiling and straining mechanism for automatic removal of residual tea powder that extract last trace of tea without any manual interference in accordance with the Indian tea preparations.

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

(21) Application No.1168/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/02/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention: METHODS SYSTEMS AND DEVICES USING LOX TO PROVIDE VENTILATORY SUPPORT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A62B7/02 :61/374126 :16/08/2010 :U.S.A. :PCT/US2011/047994 :16/08/2011 :WO 2012/024342 :NA :NA :NA	(71)Name of Applicant: 1)BREATHE TECHNOLOGIES INC. Address of Applicant:175 Technology Drive Suite 100 Irvine CA 92618 U.S.A. (72)Name of Inventor: 1)WONDKA Anthony D. 2)CIPOLLONE Joseph 3)ALLUM Todd
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(57) Abstract:

A portable liquid oxygen system may provide an average flow rate of oxygen gas at approximately 6 approximately 20 Ipm using a rapid gas conversion mode. The liquid oxygen system may weigh less than 10 pounds. A heat exchanger may be provided and wherein the rapid gas conversion mode may utilize a heater on the heat exchanger. The rapid gas conversion mode may utilize a Stirling engine passing air from a hot sink across the heat exchanger to a cold sink. The system may have multiple modes of operation. The modes of operation may be a continuum of settings and not discrete modes of operation. Flow capacity may be changed when switching between modes of operation. Oxygen gas pressure may be changed when switching between modes of operation. The system may automatically switch modes of operation based on a patient s condition.

No. of Pages: 45 No. of Claims: 35

(21) Application No.1276/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: METHOD AND SYSTEM TO ORGANIZE AND VISUALIZE MEDIA ITEMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F17/30 :61/366210 :21/07/2010 :U.S.A. :PCT/EP2011/062134 :15/07/2011 :WO 2012/010510 :NA :NA :NA	(71)Name of Applicant: 1)SPECTRALMIND GMBH Address of Applicant: Ditscheinergasse 4/7 A 1030 Vienna Austria (72)Name of Inventor: 1)LIDY Thomas 2)JOCHUM Wolfgang 3)PEISZER Ewald
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(57) Abstract:

The invention concerns a method to organize and visualize electronic files (1) comprising media items (2) on an electronic device (3) characterised in that the method comprises the steps of accessing and opening the electronic files (1) and analysis of the media items (2) to extract content (4) and/or meta information (5); organization of media items (2) according to their similarity in content (4) and/or meta information (5); visualization of media items (2) as visual entitites (6) laid out and/or placed on a user interface (7) according to their similarity. The invention further concerns a computer program implementing such a method and a computer readable medium comprising such a computer program as well as an electronic device for organizing and visualizing electronic files comprising media items.

No. of Pages: 36 No. of Claims: 25

(22) Date of filing of Application :26/03/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: AN IMPROVED PROCESS FOR THE PREPARATION OF EFAVIRENZ

		(71)Name of Applicant:
(51) International classification	:C07C	1)MYLAN LABORATORIES LTD
(31) Priority Document No	:NA	Address of Applicant :PLOT NO 564/A/22, ROAD NO 92,
(32) Priority Date	:NA	JUBILEE HILLS, HYDERABAD - 500 033 Andhra Pradesh
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ABBINENI, JYOTHI BASU
(87) International Publication No	: NA	2)KONUDULA, BABU RAO
(61) Patent of Addition to Application Number	:NA	3)KOLLA, NAVEEN KUMAR
Filing Date	:NA	4)GADUPUDI, SATISH BABU
(62) Divisional to Application Number	:NA	5)PATURI, RAVIKIRAN
Filing Date	:NA	6)SAMINENI, SRIKANTH
		7)DEEVI, VENKATASRINIVAS

(57) Abstract:

The present invention relates to an improved process for enhancing the optical purity of chiral alcohols compounds. The chiral alcohols are used in the preparation of HIV reverse transcriptase inhibitor such as Efavirenz.

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

(21) Application No.1389/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :28/03/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: APPARATUS FOR MAGNETIZATION

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SHAMSUDDEEN NALAKATH
(61) Patent of Addition to Application Number	:NA	2)SREEJU SREEDHARAN NAIR
Filing Date	:NA	3)IMMADISETTY VLP SANTHI
(62) Divisional to Application Number	:NA	4)VINOD V JOSE
Filing Date	:NA	5)SAMRAJ JABEZ DHINAGAR

(57) Abstract:

An apparatus for magnetizing ferromagnetic materials without using electricity. Instead of using electricity for creating magnetic field, the ferromagnetic material is placed in between two permanent magnets for a pre-determined duration. When the two permanent magnets are removed, the ferromagnetic material retains the magnetic property. The apparatus uses the source magnet and with help of movable rod and supporting pillars, brings it closer to the ferromagnetic material.

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

(22) Date of filing of Application :05/04/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: MULTI-GRASPING AND ARTICULATED TRANS-RADIAL PROSTHESIS

(51) International classification	· A 61F2/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF SCIENCE
(32) Priority Date	:NA	Address of Applicant :BANGALORE 560 012 Karnataka
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DIBAKAR SEN
(87) International Publication No	: NA	2)J E DIWAKAR
(61) Patent of Addition to Application Number	:NA	3)NILESH WALKE
Filing Date	:NA	4)VINAY V
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A multi-grasping and articulated trans-radial prosthesis is provided having a movable hand 101, with movable fingers 102a, 102b, 102c, 102d and 102e and a movable wrist 103. A distal-forearm 104 with an arm pulley 105 is connected to the movable hand 101. A movable proximal-forearm 106 having a muscle sensor 107 is connected to the distal-forearm 104 through a rotary joint 108. An upper arm 109 with an elbow pulley 110 is connected to the proximal-forearm 106. An elbow pulley 110 and the arm pulley 105 with a pin 105a are connected by means of flexible connecting members Ilia and 111b.

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

(12) FATENT AFFLICATION FUBLICATION

(22) Date of filing of Application :26/12/2013 (43)

(21) Application No.10289/CHENP/2013 A

(43) Publication Date : 17/10/2014

(54) Title of the invention : METHOD AND APPARATUS TO GENERATE A PLURALITY OF PILOT TRANSMISSIONS BASED ON A FIRST MULTIPLEXING SCHEME

(51) International classification :H04L 27/26
(31) Priority Document No :60/760,482
(32) Priority Date :20/01/2006
(33) Name of priority country :U.S.A.

(86) International Application No Filing Date :PCT/US2007/060776

(87) International Publication No :WO/2007/084988

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

(62) Divisional to Application Number :3573/CHENP/2008 Filed on :10/07/2008 (71)Name of Applicant:

1)QUALCOMM INCORPORATED

Address of Applicant :5775 MOREHOUSE DRIVE, SAN

DIEGO, CALIFORNIA 92121-1714 U.S.A.

:PCT/US2007/060776 (72)Name of Inventor : :19/01/2007 1)BYOUNG-HOON KIM :WO/2007/084988 2)YONGBIN WEI

3)AMIR DABBAGH

(57) Abstract:

(19) INDIA

Techniques for multiplexing pilots in a wireless transmission are described. In one aspect, a transmitter station generates multiple pilot sequences for multiple transmit antennas, with each pilot sequence comprising pilot symbols sent in the time domain on a different set of subcarriers. The transmitter station further generates multiple pilot transmissions for the transmit antennas based on the pilot sequences. In another aspect, a transmitter station generates multiple pilot sequences for multiple transmit antennas based on frequency-domain code division multiplexing (FD-CDM) of a Chu sequence defined by a transmitter-specific value. The transmitter station further generates multiple pilot transmissions for the transmit antennas based on the pilot sequences. In yet another aspect, a transmitter station generates multiple pilot transmissions for multiple transmit antennas based on a first multiplexing scheme and generates multiple data transmissions based on a second multiplexing scheme that is different from the first multiplexing scheme.

No. of Pages: 40 No. of Claims: 13

(21) Application No.1291/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: RUST REMOVING COMPOSITION

(51) International classification :C23G1/08,C11D1/12,C11D3/02 (71)Name of Applicant:

(31) Priority Document No :201010261091.6 (32) Priority Date :20/08/2010

(33) Name of priority country :China

(86) International Application No:PCT/US2011/048644

Filing Date :22/08/2011

(87) International Publication No: WO 2012/024680

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

:NA Number :NA

Filing Date

1)3M INNOVATIVE PROPERTIES COMPANY

Address of Applicant :3M Center Post Office Box 33427 Saint

Paul Minnesota 55133 3427 U.S.A.

(72)Name of Inventor:

1)XIE Ying Wei

2)LIU Ting 3)QIU Kai

(57) Abstract:

A rust removing composition is described. The composition based on the total mass of the composition comprises: 10 to 20% by mass of an inorganic acid; 1 to 10% by mass of an organic acid; 1 to 8% by mass of a penetrant selected from the group consisting of at least one of C C short chain ethers and short chain alcohols; 2 to 10% by mass of a sulfonic acid and/or sulfonate type anionic surfactant; 0.5 to 10% by mass of a corrosion inhibitor; and a balance of water.

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

(22) Date of filing of Application :03/04/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING USSD SERVICES USING CROSS-OPERATOR NUMBER

(51) International classification	:H04W4/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ONMOBILE GLOBAL LIMITED
(32) Priority Date	:NA	Address of Applicant :#26, BANNERGHATTA ROAD, J.P.
(33) Name of priority country	:NA	NAGAR, PHASE III, BANGALORE 560 076 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MOGALAPALLI, SRINIVAS N.
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A computer-implemented method and system for providing Unstructured Supplementary Service Data (USSD) services is provided. The computer-implemented method comprises the steps of configuring a cross-operator USSD module for receiving one or more service requests sent to a cross-operator number by one or more communication devices associated with one or more telecommunication service providers. The cross-operator USSD module further processes the one or more service requests for generating one or more interactive USSD menus based on information retrieved from the one or more service requests and one or more pre-defined rules. Furthermore, the cross-operator USSD module renders the one or more interactive USSD menus on the one or more communication devices, wherein the one or more interactive USSD menus facilitate one or more users of the one or more communication devices to avail the USSD services.

No. of Pages: 68 No. of Claims: 24

(21) Application No.1629/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/04/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: SUNITINIB GLUCURONATE SALT & PROCESS FOR PREPARATION THEREOF

(51) International classification	:C07D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SHILPA MEDICARE LIMITED
(32) Priority Date	:NA	Address of Applicant :2ND FLOOR, 10/80, RAJENDRA
(33) Name of priority country	:NA	GUNJ, RAICHUR Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SRIRAM, RAMPALLI
(87) International Publication No	: NA	2)LAVKUMAR, UPALLA
(61) Patent of Addition to Application Number	:NA	3)VIJAYA MURALI MOHANRAO, SESHAGIRI
Filing Date	:NA	4)SHIVAKUMAR, PRADEEP
(62) Divisional to Application Number	:NA	5)CHATURVEDI, AKSHAY KANT
Filing Date	:NA	

(57) Abstract:

The present invention relates to novel pharmaceutically acceptable glucuronic acid addition salt of Sunitinib (I) or its solvate thereof. / The present invention further relates to the processes for preparation of the said glucuronic acid addition salt of Sunitinib. The glucuronic acid addition salt of Sunitinib or its solvate thereof may be useful as an anti-cancer agent.

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

(22) Date of filing of Application :01/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD OF INDUCING CHEMICAL REACTIONS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (51) International Publication No Filing Date (62) Divisional to Application Number Filing Date (51) International Classification SU.S.A. (C07C1/00 (61)/7/2010 (C1/7/2011 (C1/7	(71)Name of Applicant: 1)ADVANCED FUSION SYSTEMS LLC Address of Applicant:11 Edmond Road Newtown CT 06470 U.S.A. (72)Name of Inventor: 1)BIRNBACH Curtis A. 2)JOYCE William H. 3)MANEWITZ Mark L.
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(57) Abstract:

A method for inducing chemical reactions using X ray radiation comprises generating an irradiation voiume within the interior of a reaction vessel by introducing X ray radiation into the volume in which two or more reactants are introduced With respect to the two or more reactants and any subsequently created intermediate reactani or reactants the aggregate extent to which the foregoing reactants are to be ionized to any degree is selectively controlled and the average degree of ionization in the irradiation volume from partial to total of that portion of the foregoing reactants which is to be ionized is selectively controlled through control of the finence and energy of the X ray radiation to thereby induce selective reactions of reactants to occur in the irradiation volume. One or more reactants may be delivered through a double wailed pipe containing X ray shielding to prevent their premature irradiation before being infected into the irradiation volume.

No. of Pages: 53 No. of Claims: 31

(22) Date of filing of Application: 18/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: A NON PROGRAMMER METHOD FOR CREATING SIMULATION ENABLED 3D ROBOTIC MODELS FOR IMMEDIATE ROBOTIC SIMULATION WITHOUT PROGRAMMING INTERVENTION

:G06F17/50,G06T19/00 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/366802 (32) Priority Date :22/07/2010 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/CA2011/050449 Filing Date :22/07/2011

(87) International Publication No :WO 2012/009817

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

1)COGMATION ROBOTICS INC.

(21) Application No.1288/CHENP/2013 A

Address of Applicant :56 Deer Lodge Place Winnipeg

Manitoba R3J 2B8 Canada (72)Name of Inventor:

1)PETERSON Jack Elmin

2)YANKE Shane Nathaniel Richard

3)ALLEN Jeffrey Craig

(57) Abstract:

(19) INDIA

A system to design a virtual 3D model of the working robot so it can be tested in a virtual world is described. The system and the method for using same can be used to test refine redesign and improve multiple virtual prototypes of a robot. Once virtually tested the optimized design specifications are printed out and used to build the optimized robot design.

No. of Pages: 21 No. of Claims: 13

(19) INDIA

(22) Date of filing of Application :18/02/2013

(21) Application No.1289/CHENP/2013 A

(43) Publication Date: 17/10/2014

(54) Title of the invention : HIGH RESOLUTION ONE WAY CLUTCH WITH GRADUATED SAW TOOTH ENGAGEMENT FOR AN AUTOMATIC SLACK ADJUSTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F16D65/38 :12/858638 :18/08/2010 :U.S.A. :PCT/US2011/046392 :03/08/2011 :WO 2012/024084 :NA :NA	(71)Name of Applicant: 1)BENDIX SPICER FOUNDATION BRAKE LLC Address of Applicant:901 Cleveland Street Elyria OH 44035 U.S.A. (72)Name of Inventor: 1)LOUIS John M.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An automatic slack adjuster one way clutch includes a first part which is rotatable about an axis in both a drive direction and a slip direction opposite to the drive direction and a second part which is driven about the axis by the first part only when the first part rotates in the drive direction. The second part is not driven by the first part when the first part rotates in the slip direction. Multiple movable teeth carried by one of the parts are displaceable axially relative to both of the parts and engage between teeth immovably fixed on the other of the parts. The first part may be either an input part or an output part of the clutch.

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

(22) Date of filing of Application :09/04/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD AND SYSTEM FOR MEDICAL IMAGE ANALYSIS AND EVALUATION

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)I2I Telesolutions and TeleMedicine Private Limited
(32) Priority Date	:NA	Address of Applicant :#4020, 2nd floor, 17th Main,1st cross,
(33) Name of priority country	:NA	HAL 2nd stage, Indiranagar Bangalore 560 038 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Prathima Radhakrishnan
(87) International Publication No	: NA	2)Poornima Mohanachandran
(61) Patent of Addition to Application Number	:NA	3)Leena Devakumar
Filing Date	:NA	4)Pramod Kumar Singh
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention provides method and system for medical image analysis and evaluation, and in an exemplary embodiment a fetal sonography image analysis method and systems. The methods and systems include aspects of creating one or more parameter assessment listing, each parameter assessment listing comprising one or more fetal view parameters for evaluation of a physiology study. The methods and systems further include creating an upload module for uploading a fetal scan for the physiology study and linking each parameter assessment listing with a corresponding upload. The methods and systems further include aspects of evaluating each view parameter in the corresponding upload to create an evaluation score, storing the evaluation score, and communicating the evaluation score to an output device.

No. of Pages: 24 No. of Claims: 21

(21) Application No.2891/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :17/07/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: AN IMPROVED PROCESS FOR THE PREPARATION OF ZOPICLONE INTERMEDIATE

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)ORCHID CHEMICALS & PHARMACEUTICALS LTD
(32) Priority Date	:NA	Address of Applicant :ORCHID TOWERS, 313,
(33) Name of priority country	:NA	VALLUVAR KOTTAM HIGH ROAD, NUNGAMBAKKAM,
(86) International Application No	:NA	CHENNAI - 600 034 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)REGURI BUCHI REDDY
(61) Patent of Addition to Application Number	:NA	2)THIRUGNANASAMBANDAN SHANMUGANATHAN
Filing Date	:NA	3)PONNAPALLI KONDAL RAO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides an improved process for the preparation of intermediate for the Zopiclone and it isomers, particularly Eszopiclone. More particularly the present invention relates to the one pot process for the preparation of 6-(5-chloro-2-pyridinyl)-7-hydroxy-6,7-dihydro-5H-pyrrolo[3,4-b]pyrazine-5-one of formula (II).

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

(21) Application No.1778/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/03/2013 (43) Publication Date: 17/10/2014

:NA

(54) Title of the invention: LOCK DEVICE

(51) International classification :E05B29/10,E05B29/00 (71)Name of Applicant :

(31) Priority Document No :10 2010 033 904.0

(32) Priority Date :10/08/2010

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2011/003996 Filing Date :10/08/2011

(87) International Publication No :WO 2012/019757

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

1)VOLKSWAGEN AKTIENGESELLSCHAFT Address of Applicant :38436 Wolfsburg Germany

(72)Name of Inventor: 1)HAVEMANN Jrg 2)WINKLER Helge

(57) Abstract:

Filing Date

The invention relates to a lock device (1) comprising a lock cylinder (3) and a flat key (2) having a control gate (5) wherein the lock cylinder (3) comprises a cylinder housing (7) and a cylinder core (6) rotationally supported in the cylinder housing and a plurality of plate shaped tumblers (10 17) which are supported in the cylinder core (6) so as to be radially slidable with respect to the rotational axis of the cylinder core and which each have a key opening (18) having a control cam (30) and which are at least partially pushed by the spring load into a locking channel (38 39) of the cylinder housing (7) in order to lock the lock cylinder (3) when the flat key (2) is removed and which are slid into an unlocking position by the control cam (33) guided in the control gate (5) when the key (2) is inserted and wherein at least one stop (25 26) is associated with each of the tumblers (10 17) in order to limit the sliding path in at least one sliding direction in order to conceal the unlocking position. The stop (25 26) of at least one tumbler (10) is designed/arranged in such a way that said tumbler (10) is slid into the unlocking position of said tumbler by the spring load when the key is removed.

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

(22) Date of filing of Application :03/01/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention : SYSTEM TO SUPPORT CONTEXTUALIZED DEFINITIONS OF COMPETITIONS IN CALL CENTERS

(71) I	COCE	(71)N
(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:13/736,409	1)XEROX CORPORATION
(32) Priority Date	:08/01/2013	Address of Applicant :45 GLOVER AVENUE, P.O, BOX
(33) Name of priority country	:U.S.A.	4505, NORWALK, CONNECTICUT 06856-4505 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)STEFANIA CASTELLANI
(87) International Publication No	: NA	2)TOMMASO COLOMBINO
(61) Patent of Addition to Application Number	:NA	3)BENJAMIN V HANRAHAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system, method, and device for forming contextualized competitions in a work environment are disclosed. The system includes a performance metric computation component which computes performance metrics, a visualization component which generates a visual interface for display to a supervisor, and a processor which implements the components. The method includes receiving information related to a set of agents operating in a work environment. A first aggregated value for a first performance metric and a second aggregated value for a second performance metric are computed. The first and second values are visualized, and a predicted effect on the second performance metric when the first performance metric is altered is visualized. The device serves as a decision—making support tool including a plurality of control mechanisms for altering at least one performance metric and displaying the predicted effect on another.

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

(22) Date of filing of Application :02/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: RING-TRAVELER SYSTEM OF RING SPINNING MACHINE

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:2012- 150492	1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI Address of Applicant :2-1, TOYODA-CHO, TOYODA-CHO,
(32) Priority Date	:04/07/2012	KARIYA-SHI, AICHI-KEN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)NAKANO, TSUTOMU
Filing Date	:NA	2)MARUYAMA, NAOKI
(87) International Publication No	: NA	3)TOMINAGA, NAOMICHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A ring-traveler system of a ring spinning machine is of a non-liquid lubrication type. The ring-traveler system includes a ring and a traveler that travels along the ring. A plurality of recesses and a plurality of flat ridges are arranged alternately on a surface portion of one of the ring and the traveler. The other one of the ring and the traveler slides on the surface portion when the traveler travels. Each of the recesses has a depth of 0.1 to 20 um. Each of the flat ridges has a width of 1 to 250 μ m.

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

(22) Date of filing of Application :02/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: RING-TRAVELER SYSTEM OF RING SPINNING MACHINE

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:2012- 150493	1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI,
(32) Priority Date	:04/07/2012	AICHI-KEN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)NAKANO, TSUTOMU
Filing Date	:NA	2)MARUYAMA, NAOKI
(87) International Publication No	: NA	3)TOMINAGA, NAOMICHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A ring-traveler system of a ring spinning machine is of a non-liquid lubrication type. The ring-traveler system includes a ring and a traveler that travels along the ring. One of the ring and the traveler includes 400 or more recesses per centimeter in a surface portion on which the other one of the ring and the traveler slides when the traveler travels.

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

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: AIR VALVE ADAPTOR FOR WHEEL RIM ASSEMBLY

(51) International alocalification	·D60C	(71)Name of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)P. SURESH KRISHNA
(61) Patent of Addition to Application Number	:NA	2)KRISHAN KUMAR RAJPUT
Filing Date	:NA	3)WINNEY KAKKANATTU MATHEWS
(62) Divisional to Application Number	:NA	4)GOVINDARAJAN VENKATESH
Filing Date	:NA	

(57) Abstract:

An alloy rim for wheel assembly, adapted to accommodate both tube and tubeless tire without changing the entire wheel assembly. An adaptor is secured to the valve seat of the said alloy rim through known manufacturing process, in between the left and right side walls of the alloy rim and the air valve, making the alloy rim configuration appropriate for mounting the tube tire, whereas for mounting the tubeless tire on same alloy rim, only the adaptor is to be removed. Further the securing the adaptor in between the left and right side walls of the alloy rim and the air valve eliminates the gap between the air valve and the alloy rim walls, thereby preventing air valve from damage in tube tire arrangement.

No. of Pages: 15 No. of Claims: 4

(22) Date of filing of Application :04/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD AND SYSTEM FOR CREATING PERSONALIZED PACKAGING

(51) International classification :G06F (31) Priority Document No :13/563,079 (32) Priority Date :31/07/2012 (33) Name of priority country :U.S.A.	· /
(86) International Application No :NA	(72)Name of Inventor:
(87) International Publication No : NA	1)CLARK, ROBERT, A. 2)GENTNER, JESS R.
(61) Patent of Addition to Application Number :NA Filing Date :NA	3)NOWAK, WILLIAM, J. 4)ESCHBACH, REINER
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract:

A personalized package creation system uses an imaging device to capture an image of a barcode. An image capture module decodes the barcode to retrieve data, such as package dimension data and one or more package structural parameters. Based on the package dimensions and the structural parameter, a processing device defines a set of cutting instructions. An automated package generation device applies the cutting instructions and uses a cutting device to creating a package.

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

(21) Application No.2991/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :04/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD FOR DISPENSING A GAS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F17C :13/542,761 :06/07/2012 :U.S.A. :NA :NA :NA :NA :NA	
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(57) Abstract:

A method for dispensing gas within a target temperature range wherein the gas exchanges heat with multiple thermal capacitors to cool the gas.

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

(22) Date of filing of Application :04/07/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention : METHOD FOR MANUFACTURING A DEVICE FOR ELECTRICAL CONNECTION OF THE TERMINALS BELONGING TO SEVERAL MODULAR ELECTRIC UNITS, AND CONNECTION DEVICE OBTAINED BY MEANS OF THIS METHOD

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:12 57288	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:27/07/2012	
(33) Name of priority country	:France	RUEIL MALMAISON France
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PASTOR, JEAN-VINCENT
(87) International Publication No	: NA	2)VALLIER, ROMAIN
(61) Patent of Addition to Application Number	:NA	3)VOINSON, DOROTHEE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method for manufacturing a device for the electrical connection of the terminals belonging to several modular electric units mounted side by side on one and the same mounting support, said device comprising a first part (1) intended to transport current and comprising a longitudinal body (4), and a second part (2) intended for the distribution of the current to said units, this second part (2) comprising a certain number of teeth (3) extending substantially at right angles to said body (4) and intended to be inserted respectively into the terminals of said units. This method is characterized in that it consists in taking two distinct conductor wires (4, 5) to produce, respectively, the abovementioned first (1) and second (2) parts, then in producing, from the second conductor wire (5), the abovementioned teeth (3), then in mechanically and electrically linking these two conductor wires (4, 5) to one another, the sections of the abovementioned first and second conductor wires (4, 5) being adapted according to the material used to produce these wires, so as to adjust the rating of said conductors substantially to the precise value needed to produce the abovementioned respective functions of transport and electrical connection.

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

(22) Date of filing of Application :04/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: DOCUMENT PRODUCTION SYSTEM AND METHOD WITH AUTOMATED DIE EXCHANGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:13/564,415 :01/08/2012	· ·
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(57) Abstract:

A media cutting system is disclosed comprising a die cutter including a cutting surface and a plurality of dies stored proximate the cutting surface, a die exchange system including a die storage system configured to support the plurality of dies and a die transport system, and a computer system comprising a controller configured to operate the die transport system and the die cutter. A die exchange system and methods of making and using the die exchange system also are disclosed.

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

(21) Application No.1183/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : CELLULOSIC MATERIAL SUCH AS TOBACCO COMPRISING ONE OR MORE SMOKE DILUENTS

(51) 7	101D15/00	(71)
(51) International classification	:A24B15/30	(71)Name of Applicant:
(31) Priority Document No	:1012090.5	1)BRITISH AMERICAN TOBACCO (INVESTMENTS)
(32) Priority Date	:19/07/2010	LIMITED
(33) Name of priority country	:U.K.	Address of Applicant :Globe House 1 Water Street London
(86) International Application No	:PCT/GB2011/051352	WC2R 3LA U.K.
Filing Date	:19/07/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2012/010880	1)DITTRICH David John
(61) Patent of Addition to Application	:NA	2)JOHN Edward Dennis
Number	:NA	3)MCADAM Kevin
Filing Date	.IVA	4)COLEMAN Martin
(62) Divisional to Application Number	:NA	5)WHIFFEN Robert John
Filing Date	:NA	6)WOODCOCK Dominic Conrad

(57) Abstract:

The present invention relates to a cellulosic material having one or more smoke diluents within its cellular structure and optionally one or more smoke diluents on its surface.

No. of Pages: 30 No. of Claims: 24

(21) Application No.1184/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : SYSTEM AND METHOD OF REDUCING POWER USAGE OF A CONTENT ADDRESSABLE MEMORY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06F :12/862277 :24/08/2010 :U.S.A. :PCT/US2011/048892 :24/08/2011 :WO 2012/027429 :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International Ip Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor: 1)SHEN Jian 2)HOANG Dang D. 3)BASSETT Paul D.
- 1 000000	*	

(57) Abstract:

A system is disclosed that includes a content addressable memory (102) and an input register (124) coupled to the content addressable memory (102). The input register (124) can store a data word and the content addressable memory (102) determines if the data word exists in the content addressable memory. The system also includes a power control circuit (130) coupled to the content addressable memory (102) for selectively providing power to at least a portion of the content addressable memory (102). The system includes power control logic (122) coupled to the power control circuit (130) to selectively reduce power to the at least a portion of the content addressable memory (102) when valid data does not exist in the at least a portion of the content addressable memory (102).

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

(22) Date of filing of Application: 15/03/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention : METHOD OF PRODUCING VALUABLE AROMATICS AND OLEFINS FROM HYDROCARBONACEOUS OILS DERIVED FROM COAL OR WOOD

(71)Name of Applicant: 1)SK INNOVATION CO. LTD. Address of Applicant: 99 Seorin dong Jongro gu Seoul 110 110 Republic of Korea (72)Name of Inventor: (51) International classification: C07C4/06,C07C7/04,C07C15/00 1)KIM Hong Chan (31) Priority Document No :1020100091052 2)KIM Yong Seung (32) Priority Date :16/09/2010 3)KIM Sung Won (33) Name of priority country :Republic of Korea 4)OH Sang Hun (86) International Application :PCT/KR2011/006813 5)LEE Hyuck Jae No :15/09/2011 6)CHOO Dae Hyun Filing Date 7)KIM Cheol Joong (87) International Publication :WO 2012/036484 8)KIM Gyung Rok 9)NOH Myoung Han (61) Patent of Addition to :NA 10)KOH Jae Suk **Application Number** 11)CHOI Hyun Chul :NA Filing Date 12)KIM Eun Kyoung (62) Divisional to Application :NA 13)LEE Yoon Kyung Number 14)LEE Jong Hyung :NA Filing Date 15)CHOI Sun 16)OH Seung Hoon 17)KOH Jae Hyun 18)LEE Sang II 19)LEE Seung Woo

(57) Abstract:

This invention relates to a method of producing aromatics and olefins from oils derived from coal or wood including partially saturating and cracking the oils derived from coal or wood in a hydrogenation & reaction area separating them depending on the number of carbons recirculating heavy oils having 11 or more carbons to the hydrogenation & reaction area feeding oils suitable for producing BTX to an aromatic separation process and a transalkylation process to recover aromatics and feeding hydrocarbonaceous components having 5 or less carbons to a light separation process thus obtaining olefins.

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

(22) Date of filing of Application :02/07/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: REFRIGERATOR HAVING AN APPARATUS FOR MEASUREMENT OF THE CALORIE INTAKE WITH AN INTERACTIVE DISPLAY

(51) International classification	:F25D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)LG SOFT INDIA PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :EMBASSY TECH SQUARE,
(33) Name of priority country	:NA	MARATHAHALLI, SARJAPUR OUTER RING ROAD,
(86) International Application No	:NA	BANGALORE 560 103 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR. NAVEEN KUMAR JAIN
(61) Patent of Addition to Application Number	:NA	2)MR. BRIJESH KUMAR SHARMA
Filing Date	:NA	3)MR. INDERPAL SINGH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a refrigerator for the determination of the calorie intake and the daily calorie goal for at least one user, the refrigerator comprising a refrigerator compartment, a freezer compartment and an interactive display (101). The interactive display (101) comprises: a storage device (107) for storing different types of data; a display device (102) for displaying various screens of the interactive display; an input Device (103) for receiving user commands and allowing the user to navigate the various screens and enter or change the information stored in the storage device (107); and a control device (105) for controlling the functions and components of the interactive display (101); and a power supply portion for supplying power of suitable voltage to all the components of the interactive display (101).

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

(22) Date of filing of Application :08/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: SUPPORTING FRAME STRUCTURE WITH A JOINTLY SUPPORTING TANK UNIT

(51) International classification	:B62D	(71)Name of Applicant:
(31) Priority Document No	:10 2012	1)MAN TRUCK & BUS AG
(31) Thority Document No	013 897.0	Address of Applicant :DACHAUER STR. 667, 80995
(32) Priority Date	:13/07/2012	MUNCHEN Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)SATTLER, STEVE
Filing Date	:NA	2)HINTEREDER, JURGEN
(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 frame structure (1) for a utility vehicle, in particular a heavy goods vehicle, preferably a semitrailer tractor. The supporting frame structure (1) comprises a first longitudinally running supporting construction C)0) and a second longitudinally running supporting construction (20), said supporting constructions being spaced apart from one another in a transverse direction (QR) of the Supporting frame structure (1), and at least one tank device (T) for accommodating fluid, said tank unit being formed for example as a fuel tank unit and/or as an air tank unit. The tank unit (T) is formed as a jointly supporting part of the supporting frame structure (1).

No. of Pages: 28 No. of Claims: 31

(22) Date of filing of Application :31/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : IMPROVED CORROSION RESISTANCE WHEN USING CHELATING AGENTS IN CHROMIUM CONTAINING EQUIPMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:C09K8/60,C09K8/72,C09K8/528 :61/496236 :13/06/2011 :U.S.A. :PCT/EP2012/060952 :11/06/2012	(71)Name of Applicant: 1)AKZO NOBEL CHEMICALS INTERNATIONAL B.V. Address of Applicant: Stationsstraat 77 NL 3811 MH Amersfoort Netherlands (72)Name of Inventor: 1)DE WOLF Cornelia Adriana 2)BOUWMAN Albertus Jacobus Maria 3)NASR EL DIN Hisham
No	:WO 2012/171859	S)NASK EL DIN HISHAIII
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to process to reduce the corrosion of equipment containing a chromium containing alloy in the oil and/or gas industry comprising a step of contacting the equipment based on a chromium containing alloy with a solution containing at least 1 wt% on total weight of the solution of glutamic acid diacetic acid or a salt thereof (GLDA) and/or methylglycine diacetic acid or a salt thereof (MGDA) having an acidic pH the use of the above solutions in equipment containing a chromium containing alloy to reduce corrosion and to a system containing a piece of equipment used in the oil and/or gas industry made at least partly from chromium containing alloy in contact with an acidic solution containing at least 1 wt% of glutamic acid N N di acetic acid or a salt thereof (GLDA) and/or methylglycine N N di acetic acid or a salt thereof (MGDA).

No. of Pages: 26 No. of Claims: 14

(22) Date of filing of Application :15/04/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: SUPER HIGH-SPEED BLACK COATINGS ON ANY REGULAR SHAPED METALLIC SURFACE

(51) International classification	·C23C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. SAMBANTHAM KARTHIKEYAN
(32) Priority Date	:NA	Address of Applicant : ASSOCIATE PROFESSOR, CENTRE
(33) Name of priority country	:NA	FOR NANOBIOTECHNOLOGY, VIT UNIVERSITY,
(86) International Application No	:NA	VELLORE - 632 014 Tamil Nadu India
Filing Date	:NA	2)P. AYYASAMY JEEVA
(87) International Publication No	: NA	3)DR. SOCKALINGAM NARAYANAN
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. SAMBANTHAM KARTHIKEYAN
(62) Divisional to Application Number	:NA	2)P. AYYASAMY JEEVA
Filing Date	:NA	3)DR. SOCKALINGAM NARAYANAN

(57) Abstract:

An objective of the present invention is to provide the following: a super high-speed, less toxic, uniform black coatings with good corrosion resistance; the solution having a longer treatment of bath life. To obtain the above applications, the present inventors have carried out experiments meticulously and found that a performance of black coating formulation is excellent and within less than 190 seconds a corrosion resistant black film can be developed on objects of regular shape. Moreover, the present invention also provides a method for forming black coatings based on nickel, zinc, cobalt and the method comprising the addition nitric acid at an initial stage within the range of 0.5 g to 5.2 g per liter. The present invention makes it possible to obtain a chromium free corrosion resistant black coating using cobalt salts. A sulfur compound used in the treatment solution according to this patent may be either an inorganic sulfur compounds or an organic sulfur compounds, but should preferably be an inorganic sulfur compound. Examples of organic sulfur compounds includes thiourea and its derivates, thiocyanic, thioacetic acid, thiomalic acid; salts of thiocarboxylic acids. Examples of inorganic sulfur compounds are ammonium thiocyanate, ammonium sulfide, sodium sulfide and sodium hydrogen sulfide. Among these inorganic compounds, ammonium salts are more preferable. Then a nickel ion concentration increases in the range of 20 to 110 gram per liter and should be more preferably 90 to 110 grams per liter. A too low nickel ion concentration in the formulation is not advisable since this creates insufficient corrosion resistant coatings and blackness. The operation current density is an important parameter for achieving black coatings with superior corrosion resistant film. Optimized current density is selected from hull cell studies giving uniform black coating on the objects in the range of 2 to 6 mA/cm2, and should more preferably 4 mA/cm2.

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

(22) Date of filing of Application :09/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: CLASP FOR A WATCH BRACELET OR A GARMENT BELT

(51) International classification	:A44C5/00	(71)Name of Applicant:
(31) Priority Document No	:12182983.2	1)OMEGA SA
(32) Priority Date	:04/09/2012	Address of Applicant :RUE STAMPFLI 96, 2500, BIEL 4
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)CATANESE, ROCCO
(87) International Publication No	: NA	2)KALTENRIEDER, CEDRIC
(61) Patent of Addition to Application Number	:NA	3)KISSLING, GREGORY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract:

Clasp for a watch bracelet or for a garment belt comprising at least two unfolding arms (2, 16) articulated to each other; a first unfolding arm (2) comprises a first end (4) attached to a bracelet strand (6) and a second end (10) pivotally articulated to a first end (14) of a second unfolding arm (16); a second end (20) of the second unfolding arm (16) is traversed by an arbour (22) about which there is articulated a cover (24) provided with first and second flaps (26a, 26b) and to which another bracelet strand is attached; the clasp (1) also comprises a push button fastening system, characterized in that at least one push button (36a, 36b) controls a bolt (42) pivotally mounted on the cover (24); the bolt (42) comprises a first hook (48) devised to cooperate with a second hook (50) fitted to the first unfolding arm (2) and to keep said second hook (50) locked when the push button (36a, 36b) is not being manually activated, the first hook (48) being kept engaged with the second hook (50) by an elastic means (52).

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

(22) Date of filing of Application :20/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: SOLIDS HANDLING EQUIPMENT

(51) International classification	:F16K1/38,F16K25/00	(71)Name of Applicant:
(31) Priority Document No	:1109131.1	1)SASOL TECHNOLOGY (PROPRIETARY) LIMITED
(32) Priority Date	:27/05/2011	Address of Applicant :1 Sturdee Avenue Rosebank 2196
(33) Name of priority country	:U.K.	Johannesburg South Africa
(86) International Application No	:PCT/IB2012/052255	(72)Name of Inventor:
Filing Date	:07/05/2012	1)BAUMANN Paul Smit
(87) International Publication No	:WO 2012/164415	2)FRANCIS Daniel
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A closure component (10) for solids handling equipment includes a closure body (12) configured to close a solids flow path by displacement of the closure body (12) along a stroke axis (20) and a removable metallic sealing element (14) attached to the closure body (12). The metallic sealing element (14) is configured sealingly to engage an endless metallic seat spaced radially outwardly from the stroke axis (20) when the closure body (12) closes the solids flow path. The closure body (12) includes or defines at least one locating formation (34) to engage and locate the metallic sealing element (14). The least one locating formation (34) is positioned radially outwardly from the stroke axis (20) and more radially outwardly from the stroke axis (20) than at least a portion of the metallic sealing element (14) is positioned between the locating formation (34) and the stroke axis (20) thereby correctly to locate the metallic sealing element (14) in position relative to the closure body (12) or relative to the stroke axis (20) during fitting of the metallic sealing element (14) to the closure body (12).

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

(19) INDIA

(22) Date of filing of Application :18/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: IMPROVED ANTI SERUM ALBUMIN BINDING VARIANTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:C07K16/18,C12N15/13 :61/375328 :20/08/2010 :U.S.A. :PCT/EP2011/064000 :12/08/2011 :WO 2012/022703 :NA	(71)Name of Applicant: 1)GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED Address of Applicant: 980 Great West Road Brentford Middlesex TW8 9GS U.K. (72)Name of Inventor: 1)DE ANGELIS Elena 2)ENEVER Carolyn 3) LILI Heigun
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application Number	:NA :NA :NA	1 '
Filing Date	:NA	

(21) Application No.1285/CHENP/2013 A

(57) Abstract:

The invention relates to improved variants of the anti serum albumin immunoglobulin single variable domain DOM7h 14 10 as well as ligands and drug conjugates comprising such variants compositions nucleic acids vectors and hosts.

No. of Pages: 70 No. of Claims: 10

(21) Application No.1340/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :26/03/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: ROLLOVER RESTRAINT SYSTEMS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	R (71)Name of Applicant: 1)ASHOK LEYLAND L. Address of Applicant: Notes of Applicant:	O. 1, SARDAR PATEL ROAD, 32 Tamil Nadu India Y
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(57) Abstract:

This invention relates to rollover protection system in buses and coaches of various types. More specifically relates to a mechanism which protects the residual space during roll over and thus aiding occupant safety. The restraint mechanism is installed on the transverse members on the roof structure. The transverse member on the roof is split in three portions, with middle being the weaker. Also the restraint system in form of ram type or spring type is installed with the middle member. In an event of rollover, the impact of the roof corner with the ground causes the middle member to collapses thereby actuating the ram or spring to expand, which in turn pushes the roof corners apart ensuring the protection of the residual space.

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

(19) INDIA

(21) Application No.1625/CHE/2013 A

(22) Date of filing of Application :10/04/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: CHAIR - WHEELLER

(51) International classification	:A47C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)R. NATARAJAN
(32) Priority Date	:NA	Address of Applicant :ROOM 311, VHS SENIOR CITIZEN
(33) Name of priority country	:NA	CENTER, VHS HOSPITAL CAMPUS, I.T.CORRIDOR T.T.T.I.
(86) International Application No	:NA	POST, CHENNAI - 600 113 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)R. NATARAJAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

claim that this invention of CHAIR-WHEELER will be a cheaper substitute, totally eliminating the need for a costly and cumbersome wheel-chair, particularly for in-door movement of physically challenged persons offering smooth ride over paved surfaces.

No. of Pages: 10 No. of Claims: 1

(22) Date of filing of Application :22/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: FIREPROOF DOOR

(51) International classification	:E04C2/00	(71)Name of Applicant:
(31) Priority Document No	:61/683,001	1)ASSA ABLOY DOOR GROUP, LLC
(32) Priority Date	:14/08/2012	Address of Applicant :110 SARGENT DRIVE, NEW
(33) Name of priority country	:U.S.A.	HAVEN, CONNECTICUT 06511 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)WILKINSON, JOHN
(87) International Publication No	: NA	2)STRICKLAND, BOBBY NEAL
(61) Patent of Addition to Application Number	:NA	3)JANICAK, THOMAS
Filing Date	:NA	4)BADGETT, JEFFREY
(62) Divisional to Application Number	:NA	5)DRAKE, MARK
Filing Date	:NA	

(57) Abstract:

An insulated fire door includes a door shell having spaced first and second exterior panels and a gypsum panel between the first and second exterior panels. The insulated fire door includes a plurality of spacers bonded across an interior side of each of the first and second exterior panels. The spacers maintain the gypsum panel in a spaced position from the interior sides of the first and second exterior panels as the door bows during a fire on one side of the door, until the gypsum disintegrates. Each of the spacers may have a flat portion contacting the gypsum panel, a leg extending from the flat portion spacing the gypsum from the interior sides of the first and second exterior panels, and a flange extending from the leg bonding the spacer to the first and second exterior panels.

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

(21) Application No.1300/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention : PROCESS FOR REGENERATION OF COPPER ZINC AND ZIRCONIUM OXIDE COMPRISING ADSORPTION COMPOSITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B01J20/06 :10175926.4 :09/09/2010 :EPO :PCT/IB2011/053912 :07/09/2011 :WO 2012/032478 :NA :NA	(71)Name of Applicant: 1)BASF SE Address of Applicant:67056 Ludwigshafen Germany 2)BASF (CHINA) COMPANY LIMITED (72)Name of Inventor: 1)HENZE Guido 2)KARRER Lothar 3)URTEL Heiko 4)HATSCHER Stephan
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(57) Abstract:

A process for the regeneration of a copper zinc and zirconium oxide comprising adsorption composition after use thereof for the adsorptive removal of carbon monoxide from substance streams comprising carbon monoxide and at least one olefin in which the adsorption composition is heated to a temperature in the range from 160 to 400 °C and a regeneration gas is passed through the adsorption composition wherein the regeneration gas comprises 1000 to 3000 ppm of oxygen in an inert carrier gas.

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

(22) Date of filing of Application :26/03/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : ELECTRONIC MASTER EVENT PLANNER FOR ON/OFF CONTROL OF SLAVE DEVICES IN REMOTE LOCATION

(51) International classification	:B60T	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KALEESWARAN RATHINASAMY
(32) Priority Date	:NA	Address of Applicant :19, C.R. RAMAKRISHNA PURAM
(33) Name of priority country	:NA	PHASE-3, GANPAT RAJ ROAD, VIRUGAMBAKKAM,
(86) International Application No	:NA	CHENNAI - 600 092 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KALEESWARAN RATHINASAMY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a system , method and computer implemented instructions embodied in an electronic device for automatic on/off control of slave devices thru an event planner in the master device , the slave device and master device communication is only in the form of SMS (Short Messaging Service). The Embodied instructions in the slave devices will respond only to the SMS inputs from authorised Phone Numbers. On recepit of inputs from their masters, the slave device will start triggering the events.

No. of Pages: 17 No. of Claims: 9

(22) Date of filing of Application :28/03/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: A REAR ENGINE BUS HAVING SENI LOW FLOOR OR LOW FLOOR ENTRY FOR PASSENGERS

(51) Intermediated the self-ration	. 4 471	(71)N
(51) International classification	:A4/L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASHOK LEYLAND LIMITED
(32) Priority Date	:NA	Address of Applicant :NO. 1, SARDAR PATEL ROAD,
(33) Name of priority country	:NA	GUINDY, CHENNAI 600 032 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)A SREEDHAR REDDY
(87) International Publication No	: NA	2)M PRADEEP KUMAR
(61) Patent of Addition to Application Number	:NA	3)DANIEL JOSEPH
Filing Date	:NA	4)MUKUL MITRA
(62) Divisional to Application Number	:NA	5)BALAJI P
Filing Date	:NA	

(57) Abstract:

This invention relates to a rear engine bus having semi low floor or low floor entry for passengers. A front door 23, a middle door 24 and a rear door 22 with same configuration for entry of passengers and the rear door is with single step 18 entry. The frame assembly aids in installation of engine at an angle so as to restrict elevation 1 on the rear floor. The frame 12 is profiled 15 to give adequate clearances over the axles to provide sufficient clearance during axle travel. The floor arrangement 17 which is flat throughout the entire length of the bus is designed in such a way as to accommodate the wheels and the corresponding clearances for them during wheel travel, accommodate seats 20 in an optimized manner such that the seating is maximum yet not compromising passenger comfort. The frame and the floor are designed such that they jointly aid in the provision of a rear door 22 on the rear potion of the bus. The vehicle uses a rear axle 10 of hub reduction type with a smaller crown wheel.

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

(21) Application No.3095/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :11/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: A FORMULATION USEFUL FOR SPRAYING

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C08K5/00 :PI 2012003530 :03/08/2012 :Malaysia	(71)Name of Applicant: 1)SUMITOMO CHEMICAL COMPANY, LIMITED Address of Applicant: 27-1, SHINKAWA 2-CHOME, CHUO- KU, TOKYO 104-8260 Japan (72)Name of Inventor:
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA :NA : NA :NA	1)LIM, LAY LEE 2)TAKEBAYASHI, Yoshihiro
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

There is provided a formulation suitable for spraying comprising an oil phase comprising at least one active ingredient and a stabiliser, wherein the stabiliser comprises at least one epoxidised vegetable oil, and optionally at least one emulsifier and/or a vapour retardant additive. The formulation may further comprise an aqueous phase comprising at least one dispersing agent and optionally at least one antifoam agent and/or thickening agent.

No. of Pages: 37 No. of Claims: 19

(22) Date of filing of Application :25/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: ROBOT HAND, ROBOT SYSTEM PROVIDED WITH THE ROBOT HAND, METHOD OF PRODUCTION USING THE ROBOT SYSTEM AND PRODUCT PRODUCED BY THE METHOD

(51) International classification	:B25J9/00	(71)Name of Applicant:
	:2012-	1)KABUSHIKI KAISHA YASKAWA DENKI
(31) Priority Document No	166572	Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(32) Priority Date	:27/07/2012	YAHATANISH-KU KITAKYUSHU-SHI, FUKUOKA 806-0004
(33) Name of priority country	:Japan	Japan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)HIROSHI TAKATA
(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 robot hand for receiving, processing, and placing a workpiece is provided. The robot hand is configured to receive the workpiece conveyed by a conveyor at a lower side of the conveyor, process the workpiece, and place the processed workpiece in a specified position.

No. of Pages: 50 No. of Claims: 19

(21) Application No.10053/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: ZINC AIR BATTERY

(51) International classification	:B60L	(71)Name of Applicant:
(31) Priority Document No	:61/486348	1)PHINERGY LTD.
(32) Priority Date	:16/05/2011	Address of Applicant :2 Yodfat St P.O.Box 1290 71291 Lod
(33) Name of priority country	:U.S.A.	Israel
(86) International Application No	:PCT/IL2012/050172	(72)Name of Inventor:
Filing Date	:15/05/2012	1)TZIDON Dekel
(87) International Publication No	:WO 2012/156972	2)GOLDSTEIN Jonathan
(61) Patent of Addition to Application	:NA	3)YADGAR Avi
Number	:NA	
Filing Date	.1111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The Invention provides a zinc air cell comprising at least one zinc incorporating structure at least one oxygen evolving structure and at least one air electrode; wherein said zinc air cell comprises a first pair of electrodes for the charging of said air cell said electrode pair comprising said at least one zinc incorporating structure and said at least one oxygen evolving structure; and wherein said zinc air cell comprises a second pair of electrodes for the discharging of said air cell said electrode pair comprising said at least one zinc incorporating structure and said at least one air electrode.

No. of Pages: 46 No. of Claims: 48

(22) Date of filing of Application :09/04/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: FUEL CONTROL UNIT FOR A VEHICLE

(51) International classification (31) Priority Document No	:F16K11/00 :NA	(71)Name of Applicant: 1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SHANTHI GANESAMOORTHI
(61) Patent of Addition to Application Number	:NA	2)AMARDEEP KUMAR
Filing Date	:NA	3)ARUMUGHAM SIVAKUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a fuel tank control unit (60) disposed in a fuel tank assembly (30) of a vehicle. The fuel tank control unit (60) including an integrated strainer unit (140) coupled to a fuel cock unit (50) is disposed in the fuel tank assembly (30) through a single recess. The integrated strainer unit (140) integrally holds a fuel sensor (43) and a fuel strainer (39) by means of slots (140c and 140d) and openings (150) respectively disposed therein and thereby aids in detecting fuel level inside said fuel tank assembly (30) and in filtering fuel flowing from said fuel tank assembly (30) to the fuel cock unit (50).

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

(22) Date of filing of Application :04/07/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention : CONTINUOUS CATALYST REGENERATION REACTOR WITH A CHAMBER FOR MIXING GAS AND DISTRIBUTING GAS IN THE OXYCHLORINATION ZONE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B01J8/00 :12/02.110 :25/07/2012 :France :NA :NA : NA :NA	(71)Name of Applicant: 1)AXENS Address of Applicant:89 BD FRANKLIN ROSSEVELT, B.P. 50802, 92508 RUEIL MALMAISON, CEDEX France (72)Name of Inventor: 1)DECOODT, XAVIER 2)PLAIS, CECILE 3)BAZER-BACHI, FREDERIC
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The reactor 1 for continuously regenerating grains of catalyst is composed of a vessel 2 comprising an oxychlorination zone 72 superimposed over a calcining zone 75 provided with a line for introducing gas. A chamber 80 is disposed between the oxychlorination zone and the calcining zone, the chamber 80 being composed of an internal space 86 located between two plates 81 and 82 which are gas tight and impervious to grains of catalyst. A plurality of tubes 85 pass through the chamber 80 to allow catalyst to pass from the oxychlorination zone 72 to the calcining zone 75. A plurality of means 83 also pass through the chamber 80 to allow calcining gas to pass from the calcining zone to the oxychlorination zone. The reactor comprises at least one oxychlorination gas injection line 73 opening into the internal space 86 of the chamber 80. Each means 83 for the passage of gas comprises at least one orifice 89 communicating with the internal space of the chamber. Each means 83 for the passage of gas comprises a means 84 for evacuating gas which is permeable to gas and impermeable to grains of catalyst.

No. of Pages: 17 No. of Claims: 11

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: IMAGE FORMING APPARATUS AND METHOD OF CONTROLLING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G06F3/00 :2012- 188069 :28/08/2012 :Japan :NA	(71)Name of Applicant: 1)CANON KABUSHIKI KAISHA Address of Applicant: 30-2, SHIMOMARUKO 3-CHOME, OHTA-KU, TOKYO Japan (72)Name of Inventor: 1)YOSHIRO TACHIBANA
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA : NA :NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

An image forming apparatus having a plurality of paper feed units and a control method thereof that displays a paper selection screen for displaying a page of items of information of the paper feed units and selecting a paper to be used in print processing by selecting an item of the items of information in the page displayed on the paper selection screen. Items of information of the plurality of paper feed units are divided into a plurality of pages. The apparatus and method control the display unit to display a page among the plurality of pages in accordance with a status of the image forming apparatus in a case that the display unit displays the paper selection screen.

No. of Pages: 103 No. of Claims: 10

(22) Date of filing of Application :09/04/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: AN IMPROVED PROCESS FOR THE PREPARATION OF SUMATRIPTAN

	(71)Name of Applicant :
	1)MYLAN LABORATORIES LTD
:C07D209/00	Address of Applicant :PLOT NO 564/A/22, ROAD NO 92,
:NA	JUBILEE HILLS, HYDERABAD - 500 033 Andhra Pradesh
:NA	India
:NA	(72)Name of Inventor:
:NA	1)ABBINENI, JYOTHI BASU
:NA	2)KONUDULA, BABU RAO
: NA	3)KODALI, HARI PRASAD
:NA	4)VANAMPALLY, RAMESH
:NA	5)PALLAPROLU, SURESH
:NA	6)PARIMI, SRICHARANSAI
:NA	7)KAPAVARAPU, MADHU SUDHANA RAO
	8)GUJJULA, NAGARAJU
	9)GORANTLA, SYAM SUNDER
	:NA :NA :NA :NA : NA :NA :NA

(57) Abstract:

The present invention relates to one pot process for the preparation of Sumatriptan acid addition salts especially benzoate salt, wherein the process comprises reacting 4-Hydrazino-N-methyl Benzene methane Sulfonamide or its acid addition salt with 4-halo-1- hydroxy butane sulphonic acid or its alkaline salt in the presence of a pH modifier to give 3-[(2-aminoethyl)-lH-indole-5-yl-N-methyl]methanesulphonamide. The obtained compound is subjected to reductive methylation and converted to its benzoate salt.

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

(22) Date of filing of Application :05/07/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention : MEASURING SYSTEM FOR MEASURING AT LEAST ONE ELECTRICAL QUANTITY, ELECTRICAL TRANSFORMING STATION COMPRISING SUCH A MEASURING SYSTEM AND ASSOCIATED MEASURING METHOD

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:G01R15/00 :12 56637 :10/07/2012 :France :NA	(71)Name of Applicant: 1)SCHNEIDER ELECTRIC INDUSTRIES SAS Address of Applicant: 35, RUE JOSEPH MONIER, F-92500 RUEIL MALMAISON France (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:NA :NA : NA :NA	1)DESCHAMPS, PHILIPPE 2)COUTELOU, OLIVIER
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This measuring system (20) is able to measure at least one electrical quantity relative to a power installation. The power installation comprises three electrical conductors able to enable the flowing of a three-phase alternating current. The measuring system comprises a voltage measuring element (66) for measuring voltage of each of the electrical conductors, each electrical conductor being associated to a respective phase of the alternating network, an information processing unit (68) able to receive the values of the measured voltages, and three current sensors (76A, ..., 76N), each current sensor being able to measure the intensity of the current flowing in the corresponding electrical conductor. The processing unit (68) comprises associating means (103) for associating in a predetermined manner the first measured voltage with a first phase among the three phases and a first identifying device (101) for identifying the phase corresponding to each of the two other measured voltages. The processing unit (68) comprises a second identifying device (125A, ..., 125N) for identifying the phase corresponding to each of the three measured intensities.

No. of Pages: 46 No. of Claims: 11

(21) Application No.3157/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: SPOT WELDING APPARATUS

(51) International classification	:B23K11/00	(71)Name of Applicant:
(31) Priority Document No	:2012- 186925	1)KABUSHIKI KAISHA YASKAWA DENKI Address of Applicant :2-1, KUROSAKI-SHIROISI,
(32) Priority Date	:27/08/2012	YAHATANISH-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)KAZUHIKO KIMOTO
(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 spot welding apparatus includes a robot, a spot welding gun, and a controller. The spot welding gun includes a gun arm, a fixed electrode, a movable electrode, and a gun-dedicated motor. The fixed electrode is fixed to the gun arm. The movable electrode is disposed on the gun arm at a position opposite a position at which the fixed electrode is disposed. The gun-dedicated motor is configured to move the movable electrode. The controller is configured to output a position command to the gun-dedicated motor so as to control the gun-dedicated motor to move the movable electrode, configured to control the fixed electrode and the movable electrode to hold a to-be-welded object under pressure between the fixed electrode and the movable electrode, and configured to subject the to-be-welded object to spot welding.

No. of Pages: 31 No. of Claims: 5

(19) INDIA

(22) Date of filing of Application: 13/08/2013

(21) Application No.3587/CHE/2013 A

(43) Publication Date: 17/10/2014

(54) Title of the invention: CONSOLE BOX

(51) International already are	-D(0D	(71)NJ
(51) International classification	:B60R	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)SUZUKI MOTOR CORPORATION
	181530	Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:20/10/2012	Hamamatsu, Shizuoka, 432-8611, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Masato YAMAGUCHI
Filing Date	:NA	2)Akinori ISHIKAWA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract:

It is an object of the present invention to provide a console box that can be kept in a good appearance by preventing, with a simple structure, deformation due to loads from an occupant. A console box 100 is made of resin, is elongate in the vehicle front-rear direction, and can be installed on a floor panel 102. An upper component 110 forms a top face 114 and a front wall 116 on the vehicle front side, and has, in the top face 114 near the front wall, a drink holder 104 that is recessed downward. A lower component 112 forms side walls 118a and 118b on both sides in the vehicle width direction and a rear wall 120 on the vehicle rear side. The lower component 112 has a link portion 124 that extends between and links the inner faces of the side walls 118a and 118b below the drink holder 104. The link portion 124 is fixed with bolts 130a and 130b to the floor panel 102, and a lower face 136 at a bottom of the drink holder 104 has a clip 138 that connects the drink holder 104 to the link portion 124.

No. of Pages: 20 No. of Claims: 3

(22) Date of filing of Application :26/12/2013 (43) Publication Date : 17/10/2014

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

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:NA :NA :NA	(71)Name of Applicant: 1)HONDA MOTOR CO. LTD. Address of Applicant: 1 1 Minami Aoyama 2 chome Minato ku Tokyo 1078556 Japan (72)Name of Inventor: 1)HIRAI Tsukasa 2)SAKAMOTO Eiichiro
(61) Patent of Addition to Application	:NA	2)SAKAMOTO Elichiro
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

First a crankshaft (10) is configured so that a first crank shaft half (12) and a second crank shaft half (14) are coupled via a crank pin (16) through which a connecting rod (18) passes. Next for example while rotationally operating the crankshaft (10) a hollow shaft portion (32) of the first crank shaft half (12) and a solid shaft portion (48) of the second crank shaft half (14) are ground by whetstones (64 66). In this case it is preferable that a disc shaped portion (30) containing a first weight portion (28) a disc shaped portion (46) containing a second weight portion (44) and the connecting rod (18) are held.

No. of Pages: 20 No. of Claims: 5

(22) Date of filing of Application :22/03/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: BIODEGRADATION OF LIGNOCELLULOSIC WASTE BY FUNGI

(51) International classification :C	2F (71)Name of Applicant :
(31) Priority Document No :N	A 1)M. RANJANI
(32) Priority Date :N	A Address of Applicant :12/4, TT VELLALAR STREET,
(33) Name of priority country :N	WORAIYUR, TRICHY - 620 003 Tamil Nadu India
(86) International Application No :N	A 2)H. DEENA PRISCILLA
Filing Date :N	A (72)Name of Inventor:
(87) International Publication No : N	A 1)M. RANJANI
(61) Patent of Addition to Application Number :N	A
Filing Date :N	A
(62) Divisional to Application Number :N	Λ
Filing Date :N	A

(57) Abstract:

In recent years, accumulation of waste cellulose is increasingly realized as an environmental problem and its utilization has become a welcome issue. This study is therefore designed to investigate the suitability of some agricultural wastes as substrate for mushroom cultivation which is a means of biological treatment of the substrate thereby yielding in the production of a value added product. The utility of spent mushroom substrate is considered to be more advantageous when compared to chemical methods employed for degradation.

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

(21) Application No.1577/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :08/04/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: YARN WINDING APPARATUS

(31) Priority Document No :2012- 114443	(71)Name of Applicant: 1)MURATA MACHINERY, LTD. Address of Applicant: 3 MINAMI OCHIAI-CHO, KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326 Japan (72)Name of Inventor: 1)KENJI KAWAMOTO 2)OSAMU KIMURA
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(57) Abstract:

A winding unit (2) of an automatic winder (1) includes a yarn supplying section (11), a winding section (13) that winds a yarn Y supplied from the yarn supplying section (11) around a winding tube (17) into a package, a yarn clearer (22) that detects thickness of the yarn Y, and a unit controller (26). The unit controller (26) includes a yarn length calculating section (41) that calculates the length of the yarn Y wound around the winding tube (17) and a weight calculating section (42) that calculates a yarn weight of the package. The weight calculating section (42) calculates the yarn weight of the package based on the thickness of the yarn Y detected by the yarn clearer (22), the length of the yarn Y detected by the yarn length calculating section (41), and information on the specific gravity of the varn Y.

No. of Pages: 35 No. of Claims: 6

(22) Date of filing of Application: 13/08/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: ROAD MILLING MACHINE FOR THE TREATMENT OF ROAD PAVEMENTS, AS WELL AS METHOD FOR PIVOTING A TRAVELLING DRIVE UNIT OF A ROAD MILLING MACHINE

(51) International classification	:E01C	(71)Name of Applicant:
(31) Priority Document No	:10 2012	1)Wirtgen GmbH
(31) Thomy Boundaries	214 929.5	Address of Applicant :of Reinhard-Wirtgen-Strasse 2, 53578
(32) Priority Date	:22/08/2012	Windhagen, Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)BERNING, Christian
Filing Date	:NA	2)STINNER, Tobias
(87) International Publication No	: NA	3)VOGT, Andreas
(61) Patent of Addition to Application Number	:NA	4)BARIMANI, Cyrus
Filing Date	:NA	5)H,,HN, G ¹ / ₄ nter
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Road milling machine for the treatment of road pavements, as well as method for pivoting a travelling drive unit of a road milling machine Road milling machine (1) for the treatment of road surfaces, with a controller for the travelling, steering and milling operation, with a machine frame (2) height-adjustable via lifting columns (3), with a chassis with, as a minimum, rear travelling drive units (4) as seen in the di¬rection of travel, each provided with a travel drive (36), where said travelling drive units (4) are arranged at the lower ends (18) of the lifting columns (3) exhibiting a longitudinal axis (20), with a working drum (5) arranged at the machine frame (2) to rotate about an axis (7) of the working drum, with a pivoting arm (6) pivotable about a pivoting axis (30) extending parallel to the longitudinal axis (20) of a lifting column (3), where said pivoting arm (6) connects a rear lifting column (3) to the machine frame (2) in a pivotable fashion and transfers a travelling drive unit (4) from a first outer end position (12) pro¬jecting laterally relative to the machine frame (2) to a second inner end position (14) and back, with a steering device (22) for the pivotable travelling drive unit (4), with a first driving device acting on the pivoting arm (6), with a second driving device acting on the steering device (22) by means of which a steering angie of the travelling drive unit (4) is adjustable, it is provided for the following features to be achieved: the travel drive (36) of the pivotable travelling drive unit (4) forms the first driv¬ing device for the pivoting movement of the pivoting arm (6) with the travelling drive unit (4) being in permanent contact with the ground surface.

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

(22) Date of filing of Application :02/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: CABLE ARRANGEMENT STRUCTURE OF SADDLE-RIDE-TYPE VEHICLE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B60T :2012- 154086 :09/07/2012 :Japan	(71)Name of Applicant: 1)HONDA MOTOR CO., LTD. Address of Applicant: 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan (72)Name of Inventor:
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:NA :NA :NA : NA :NA	1)MATAYOSHI, KOTA 2)IIDA, CHIRIHO
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

To provide the cable arrangement structure of a saddle-ride-type vehicle where the degree of freedom in shape, size or the like of a brake disc and a vehicle speed sensor can be enhanced, and the number of cable support places is decreased as much as possible whereby a sensor cable can be arranged in a simplified manner. [Means for Resolution] A brake disc 25 and calipers 26 are arranged on one side of a front wheel 2 in the vehicle width direction, a vehicle speed sensor 24 is arranged on the other side of the front wheel 2 in the vehicle width direction between a first vehicle-body-side support member 34 arranged on a vehicle body side and a first front-wheel-side support member 35 arranged on a front wheel 2 side. The sensor cable 30 extends toward one side of the front wheel 2 in the vehicle width direction while passing above the front wheel 2, is bent along the upwardly extending direction of the brake hose 32 which extends upward from the calipers 26 and, thereafter, extends upward, is supported by a second front-wheel-side support portion 47 which is arranged parallel to the first front-wheel-side support member 35, is supported by a second vehicle-body-side support member 44 which is arranged parallel to the first vehicle-body-side support member 34, and is arranged so as to deflect along the brake hose 32.

No. of Pages: 51 No. of Claims: 7

(21) Application No.3159/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/07/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: SEAM WELDING ROBOT

:B23K11/00	(71)Name of Applicant:
:2012- 196465	1)KABUSHIKI KAISHA YASKAWA DENKI Address of Applicant :2-1, KUROSAKI-SHIROISHI,
:06/09/2012	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-
:Japan	0004 Japan
:NA	(72)Name of Inventor:
:NA	1)MASAMI NAKAKURA
: NA	2)TEPPEI SONODA
:NA	3)MANABU OKAHISA
:NA	
:NA	
:NA	
	:2012- 196465 :06/09/2012 :Japan :NA :NA : NA :NA :NA

(57) Abstract:

A seam welding robot includes a robot arm and a welding unit that is coupled to the robot arm. The welding unit includes a pair of roller electrodes. The pair of roller electrodes rotates following motion of the robot arm while sandwiching and pressurizing welding targets. The welding unit passes a welding electric current between the pair of roller electrodes to seam-weld the welding targets.

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

(22) Date of filing of Application :05/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: VEHICLE QUARTER PANEL STRUCTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:Japan :NA :NA	(71)Name of Applicant: 1)SUZUKI MOTOR CORPORATION Address of Applicant: 300 Takatsuka-cho, Minami-ku, Hamamatsu, Shizuoka, 432-8611, Japan (72)Name of Inventor: 1)Nobuhiko HATTORI
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	

(57) Abstract:

To provide a vehicle quarter panel structure which allows a load applied to a sash guide attachment portion of a vehicle quarter panel to be efficiently transferred and distributed to other portions of the vehicle. A vehicle quarter panel 102 includes a quarter inner panel 110 provided between a rear side door opening 104 and a rear door opening 106, and a quarter inner front reinforcement member 112 configured to reinforce a rear edge of the rear side door opening 104. The quarter inner panel 110 has, at a lower middle portion thereof, a sash guide attachment portion 126 to which a sash guide 124 is attached. The quarter inner front reinforcement member 112 has an inclined portion 130 extending along the rear edge downward and toward the front of the vehicle. The quarter inner front reinforcement member 112 further has an extension portion 132 which is an extension of an upper end thereof toward the rear of the vehicle. The extension portion 132 overlaps the sash guide attachment portion 126 of the quarter inner panel 110.

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

(22) Date of filing of Application :16/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD OF CONTROLLING THE RESOLUTION OF A HYPERSPECTRAL IMAGE

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) International Application No (35) Filing Date (36) International Publication No (37) International Publication No (38) International Publication No (39) International Publication No (31) Patent of Addition to Application Number (30) Filing Date (31) Filing Date (32) Name of Applicant: (31) PGE Aviation Systems LLC (32) Address of Applicant: (32) Address of Applicant: (32) Point Systems LLC (32) Address of Applicant: (31) PGE Aviation Systems LLC (32) Name of Inventor: (33) Name of Applicant: (34) Pick Address of Applicant: (35) Name of Applicant: (36) Address of Applicant: (37) Name of Applicant: (37) Name of Applicant: (31) Pick Aviation Systems LLC (32) Name of Inventor: (32) Name of Inventor: (32) Name of Inventor: (33) Name of Applicant: (34) Pick Address of Applicant: (35) Name of Applicant: (36) Address of Applicant: (37) Name of Applicant: (37) Name of Applicant: (39) Point Systems LLC (30) Address of Applicant: (31) Name of Applicant: (31) Pick Aviation Systems LLC (32) Name of Inventor: (32) Name of Inventor: (33) Name of Applicant: (34) Pick Address of Applicant: (35) Name of Applicant: (36) Address of Applicant: (37) Name of Inventor: (37) Name of Inventor: (38) Name of Applicant: (39) Patternational Application Systems LLC (32) Name of Inventor: (32) Name of Inventor: (33) Name of Applicant: (34) Patternational Application Systems LLC (36) Name of Inventor: (37) Name of Inventor: (38) Name of Applicant: (39) Patternational Application Systems LLC (30) Name of Inventor: (30) Name of Inventor: (31) Name of Inventor: (32) Name of Inventor: (33) Name of Inventor: (34) Name of Inventor: (35) Name of Inventor: (36) Name of Inventor: (37) Name of Inventor: (38) Name of Inventor: (38) Name of Inventor: (39) Name of Inventor: (39) Name of Inventor: (30) Name of Inventor: (30) Name of Inventor: (31) Name of	rio
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(57) Abstract:

Method of controlling the resolution (80) of a hyperspectral image from an image sensor comprising pixels and at least one filter that defines subpixels within each pixel includes defining a window (82) on the image sensor with an array of rows and columns of subpixels; weighting the subpixels (86) within the window based upon one or more predefined parameters of the hyperspectral image to establish a value for a weighted average (88) for the array for the predefined parameters; shifting the window by a predefined number of rows or columns; repeating the weighting and shifting steps for all possible windows (90, 92) on the image sensor; and processing the hyperspectral image based on the weighted averages.

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

(22) Date of filing of Application :25/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: CLOCK SYNCHRONIZATION FOR LINE DIFFERENTIAL PROTECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:12 178590.1	(71)Name of Applicant: 1)ABB RESEARCH LTD. Address of Applicant: AFFOLTERNSTRASSE 44, CH-8050 ZURICH Switzerland (72)Name of Inventor: 1)DZUNG, DACFEY
(62) Divisional to Application Number Filing Date	:NA :NA	
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(57) Abstract:

The present invention is concerned with time synchronization between two geographically separated stationary clocks 1, 2, in particular clocks 1, 2 at two ends of a power transmission line. In particular the method deals with synchronizing a first and a second clock 1, 2 located respectively at a first and a second end of an AC power line wherein the two clocks 1, 2 are initially synchronized to within a period of a line frequency of the power line. The method is comprised of producing a first representation 3 such as a waveform of an oscillating power line quantity q such as the AC current by measuring or recording the power line quantity at the first end of the power line i.e. recording a sufficient number of samples q(tl) of the oscillating quantity q within a oscillation period, and time-stamping the first representation 3 by the first clock 1. The method is further comprised of producing a second representation 4 of the same oscillating power line quantity q by measuring the power line quantity at the second end of the power line, and time-stamping the second representation 4 by the second clock 2. A further step comprises comparing i.e., aligning, using the respective time-stamps, the first and the second representation 3, 4 to determine a clock offset 19 between the first and the second clock 1, 2, and adjusting based on the comparison one or both of the first and second clock 1, 2 or at least the first clock 1 to reduce the determined clock offset 19

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

(22) Date of filing of Application :25/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD FOR CONTROLLING A HEAT RECOVERY SYSTEM IN A MOTOR VEHICLE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F02M25/00 :A 847/2012 :31/07/2012 :Austria	(72)Name of Inventor:
(86) International Application No	:NA	1)KREUZRIEGLER, ANDRE
Filing Date	:NA	2)RAAB, GOTFRIED
(87) International Publication No	: NA	3)KLAMMER, JOSEF
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Method for controlling a heat recovery system in a motor vehicle The invention relates to a method for controlling a heat recovery system in a motor vehicle (having an internal combustion engine, in particular in a commercial vehicle, having a heat recovery circuit (1) as a working circuit, which has a storage tank (ST) containing a working medium, which is connected via a feed pump (FP) to at least one control valve (V1, V2), to each of which a heat exchanger (EGR-HE, EG-HE) is assigned as an evaporator. The work-ing circuit furthermore has an expansion machine (E), which is connected downstream of the at least one heat exchanger (EGR-HE, EG-HE) and which is followed by a condenser (C) having a connection via a condenser suction pump (CP) to the storage tank (ST). The at least one heat exchanger (EGR-HE, EG-HE) receives both a mass flow of working medium and a mass flow of heating medium from a heat source. According to the invention, with a mass flow of heating medium determined by the operation of the vehicle and a specified heating medium temperature, the system adjusts to a predetermined steam temperature setpoint and/or phase state for the working medium by variation of the mass flow of working medium through the at least one heat exchanger/evaporator by means of adjustment of the control valve flow rate (V1, V2). (Hg-2)

No. of Pages: 17 No. of Claims: 11

(21) Application No.3654/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :19/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: OILING STRUCTURE FOR ENGINE

(51) International classification	:B65C	(71)Name of Applicant :
(31) Priority Document No	:2012- 207147	1)SUZUKI MOTOR CORPORATION Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:20/09/2012	Hamamatsu-shi, Shizuoka-ken, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Tomoyuki HIGAKI
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 lower cam housing is formed to be a separate body from a cylinder head and the lower cam housing is arranged at a joint surface of the cylinder head, a first upper oil passage reaching from an oil entry passage to the joint surface is formed inside the cylinder head and an upstream end of the first upper oil passage is opened at the joint surface, and a second upper oil passage through which the oil reaches to the joint surface via an upper side than the joint surface is formed in the lower cam housing, where an upstream end of the second upper oil passage is in communication with the oil entry passage side at the joint surface, and a downstream end of the second upper oil passage is in communication with the first upper oil passage at the joint surface.

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

(21) Application No.3145/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: SYNCHRONIZING DEVICE FOR TRANSMISSION

(51) International algorithmation	-E14D	(71)Nome of Applicant
(51) International classification	:F16D	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)HONDA MOTOR CO., LTD.
(31) Thomas Document No	173301	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	:03/08/2012	MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)TAKAHASHI, TAKUMI
Filing Date	:NA	2)SUZUKI, MASAHIRO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The sleeve spline (11) includes the high-depth teeth (11H) with the largest protruding dimensions toward inside of the radial direction, the stub teeth (11L) with the smallest protruding dimensions, and the medium-depth teeth (11M) with the protruding dimensions in between the dimensions of the high-depth teeth (11H) and the stub teeth (11L). The multiple stub teeth (11L) and portion of the multiple medium-depth teeth (11M) are the preceding teeth (11F) arranged offset in the way that the tip of the gear dog (25) side in the axial direction of the multiple high-depth teeth (11H) is located closer to this gear dog (25). In the synchronizing device (1) with such a configuration, by setting the gap width of the medium-depth teeth preceding teeth (11-3) and the tooth bases (7-3) that fit the medium-depth teeth preceding teeth (11-3) to dimensions larger than the gap width between the other teeth of the sleeve spline (11) and the tooth bases (7), an operation of the sleeve (10) is not inhibited even when burrs occur in the medium-depth teeth preceding teeth (11-3).

No. of Pages: 25 No. of Claims: 3

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: DISTRIBUTED SCALABLE CLUSTERING AND COMMUNITY DETECTION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:G06F :13/604,910 :06/09/2012 :U.S.A. :NA	
Filing Date	:NA	1)Ankur Narang
(87) International Publication No	: NA	2)Jyothish Soman
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Techniques, an method and system for distributed scalable clustering and community detection. A method includes generating a label for each node in a graph, wherein said label identifies a community in which a node participates, propagating each label locally within two or more segments of the graph based on a participation percentage of each node in at least one identified community within the graph, and deriving at least one cluster of nodes in the graph that corresponds to the at least one identified community based on said propagating.

No. of Pages: 23 No. of Claims: 12

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(21) Application No.3519/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :05/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: WEBBING TAKE-UP DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B60R :2012- 178712 :10/08/2012 :Japan :NA :NA	Niwa-gun, Aichi-ken, Japan (72)Name of Inventor: 1)Kazuhiro YAMADA
` /		
` /	:Japan	
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Kazuhiro YAMADA
(87) International Publication No	: NA	2)Akira SUMIYASHIKI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

If a V-gear abruptly rotates in a pulled-out direction due to reaction generated by rotation in a take-up direction being stopped when rotating in a take-up direction, a restriction body restricts swinging of a W-pawl in operation direction, so that lock of pulling-out of a webbing from a spool is suppressed. An insertion portion of a frictional spring of the restriction body is caught by an abut portion and a catching portion of a support hole. At an opening-side portion of the support hole, an enlarged portion is formed such that a position other than a position of the catching portion at the opening-side portion is enlarged compared to that of the catching portion. Even if the minimum-diameter of the support hole is small, strength of a molding portion for the support hole in a mold for the V-gear can be improved and lifetime thereof can be longer.

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

(22) Date of filing of Application :19/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD, DEVICE, AND SYSTEM FOR ACQUIRING APPLICATION INFORMATION IN WLAN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 		(71)Name of Applicant: 1)Huawei Device Co.,LTD. Address of Applicant: Building B2, Huawei Industrial Base, Bantian, Longgang District, Shenzhen, P.R. China 518129 China (72)Name of Inventor: 1)PENG Min 2)WANG Yungui 3)ZHUANG Yan
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A method, a device, and a system for acquiring application information in a WLAN are provided by embodiments of the present invention, relating to the communication field, and used for acquiring application information of any mobile terminal in the WLAN. The method includes: sending, by a controller, a switch request message to an unassociated neighboring AP, where the switch request message includes an identifier of a mobile terminal and a designated channel, so that the unassociated neighboring AP switches from an original working channel of the unassociated neighboring AP to the designated channel and monitors the mobile terminal according to the identifier of the mobile terminal so as to acquire application information. The embodiments of the present invention are used for acquiring application information in a WLAN.

No. of Pages: 44 No. of Claims: 18

(21) Application No.1630/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/04/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : AMORPHOUS 4-(3-(4-CYANO-3-(TRIFLUOROMETHYL) PHENYL)-5,5-DIMETHYL-4-OXO-2-THIOXOIMIDAZOLIDIN-1-YL)-2-FLUORO-N-METHYLBENZAMIDE

(51) International classification	:C07D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SHILPA MEDICARE LIMITED
(32) Priority Date	:NA	Address of Applicant :2ND FLOOR, 10/80, RAJENDRA
(33) Name of priority country	:NA	GUNJ, RAICHUR Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RAFIUDDIN
(87) International Publication No	: NA	2)SINGH, VINOD KUMAR
(61) Patent of Addition to Application Number	:NA	3)KOKARE, NAGNNATH
Filing Date	:NA	4)ADDANKI, ASHOK KUMAR
(62) Divisional to Application Number	:NA	5)CHATURVEDI, AKSHAY KANT
Filing Date	:NA	

(57) Abstract:

The present invention relates to amorphous 4-(3-(4-cyano-3-(trifluoromethyl) phenyl)-5,5-dimethyl-4-oxo-2-thioxoimidazolidin-1 y1)-2-fluoro-N-methylbenzarnidc (I) and process for preparation thereof. The invention further relates to pharmaceutical compositions comprising amorphous 4-(3-(4-cyano-3-(trifluoromethyl) phenyl)-5,5-dimethyl-4-oxo-2-thioxoimidazolidin-l-yl)-2-fluoro-N-methylbenzamide having anti-cancer activity.

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

(22) Date of filing of Application :04/07/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: A DEVICE TO SHADE PERSONS FROM BRIGHT SUNSHINE, DYNAMICALLY FROM LARGE HEIGHT BY MATCHING SHADE PATTERN TO PRESENCE.

(51) International classification	:B60J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PANDURANGA REVANKAR KRISHNA PRASAD
(32) Priority Date	:NA	Address of Applicant :#1826(UPSTAIRS) 2ND CROSS,
(33) Name of priority country	:NA	SAMPIGE ROAD, MALLESHWARAM, BANGALORE
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PANDURANGA REVANKAR KRISHNA PRASAD
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A device, system and method of shading person large open area from large height without obstruction to view, work and play by matching shade pattern formed by shading unit for the given sun position and the location of the person on land and building, by means shading units moved by control from computer and by manually control and providing local cooling by directed, pulsed cold air jet. Shading unit supported by cables and at periphery shading unit on cantilever based support is used and for small areas. The above devise and system is to protect people from occupational and environmental harmful effect of bright sunshine causing skin cancers and allergy and which so far has been tolerated quietly by people involved in sports, construction agriculture, sea rigs, recreation in beach.

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

(22) Date of filing of Application :03/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: TOGGLE LEVER CLAMP

Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	A 1)KENNETH PAUL DELLACH IA A A A
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(57) Abstract:

The toggle lever clamp has a clamp housing coupled with a cylinder assembly. A piston assembly is movable within the cylinder assembly. A rod is coupled with the piston assembly. The rod extends into a cavity within the clamp housing. A toggle lever assembly is coupled at one end of the rod inside of the clamp housing. A sensor assembly is coupled with the clamp housing. The sensor assembly includes a pair of sensors or switches spaced from each other and positioned on a mounting plate. The mounting plate is slidably secured within the clamp housing. A sensor pickup is movably positioned on the rod so that the sensor pickup is multipositionable on the rod to adjust the stroke of the toggle lever assembly.

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

(22) Date of filing of Application :08/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: SUPPORTING FRAME STRUCTURE WITH A TANK UNIT

(51) International classification	·B62D21/00	(71)Name of Applicant:
` '	:10 2012	1)MAN TRUCK & BUS AG
(31) Priority Document No	013 900.4	Address of Applicant :DACHAUER STR. 667, 80995
(32) Priority Date	:13/07/2012	MUNCHEN Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)SATTLER, STEVE
Filing Date	:NA	2)HINTERENDER,JURGEN
(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 supporting frame structure (1) for a utility vehicle, in particular heavy goods vehicle, preferably semitrailer tractor. The supporting frame structure (1) comprises a first longitudinally running supporting construction (10) and a second lonait dinally running supporting construction (20), said supporting constructions being spaced apart from one another in a transverse direction (QR) of the supporting frame structure (1). Furthermore, the supporting frame structure (1) comprises at least one tank unit m for accommodating fluid, in particular a fuel tank and/or an air tank. The tank unit (T) is arranged at least in sections between the first supporting construction (10) and the seco d supporting construction (20).

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

(22) Date of filing of Application :20/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: SYSTEM AND METHOD FOR CONTROLLING A DUAL-FED INDUCTION GENERATOR IN RESPONSE TO HIGH-VOLTAGE GRID EVENTS

(31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number (31)/600,730 Address of Applicant :1 F (2345, U.S.A (72)Name of Inventor: 1)LARSEN, Einar Vaugh 2)KLODOWSKI, Anthon 3)BARKER, Sidney Allen (87) International Publication Number Filing Date (88) International Publication Number Filing Date (89) Divisional to Application Number Filing Date (89) Divisional to Application Number Filing Date	n y Michael
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(57) Abstract:

In one aspect, a method for controlling a dual-fed induction generator (DFIG) during a high-voltage grid event is provided. The method includes setting, by a controller, an output of a closed-loop portion of a rotor current regulator to a fixed value such that a predictive feed-forward path sets an internal voltage for the DFIG; and detecting, by the controller, a condition of high dc voltage on a dc link or a condition predictive of high dc voltage on the dc link, and in response reduce a rotor torque producing current command to approximately zero, wherein the dc link connects a line-side converter connected to a system bus and a rotor-side converter connected to a rotor of the DFIG.

No. of Pages: 48 No. of Claims: 21

(21) Application No.10186/CHENP/2013 A

(19) INDIA

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

(43) Publication Date: 17/10/2014

(54) Title of the invention: A METHOD FOR IDENTIFYING A FAULT IN AN ELECTRICAL MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01H1/00 :11171814.4 :29/06/2011 :EPO :PCT/EP2012/062526 :28/06/2012 :WO 2013/000984 :NA :NA :NA	(71)Name of Applicant: 1)ABB RESEARCH LTD Address of Applicant: Affolternstrasse 44 CH 8050 Z ¹ / ₄ rich Switzerland (72)Name of Inventor: 1)RODRIGUEZ Pedro
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(57) Abstract:

For identifying a fault in an electrical machine vibration is measured in a plurality of radial directions of the stator 30. On the basis of the vibration measurements a vibration frequency and a mode shape of the vibration at this frequency is determined. Characteristics of the vibration in terms of both the vibration frequency and the mode shape are used to identify a fault condition of the electrical machine.

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

(22) Date of filing of Application: 18/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: DIGITAL SYSTEM FOR CREATING A FLEXOGRAPHIC PRINTMASTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B41C1/00 :10173538.9 :20/08/2010 :EPO :PCT/EP2011/063625 :08/08/2011 :WO 2012/022650 :NA :NA	(71)Name of Applicant: 1)AGFA GRAPHICS NV Address of Applicant :IP Department 3622 Septestraat 27 B 2640 Mortsel Belgium (72)Name of Inventor: 1)GULLENTOPS Chris
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.1283/CHENP/2013 A

(57) Abstract:

(19) INDIA

System and method for digital creation of a relief print master by means of liquid droplet deposition apparatus. A relief print master is created by means of a printhead that moves in a slow scan direction. The nozzles of the printhead jet droplets of a polymerisable liquid on a rotating drum. The different nozzles jet droplets simultaneously on different layers that have different diameters. As a result the droplets jetted by different nozzles travel over different distances before landing. The effect of this is that the droplets undergo different position lag as they land on the different layers. By rotating the printhead in a plane that is orthogonal to the jetting direction this effect can be compensated for.

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

(22) Date of filing of Application :14/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: LOCK STRUCTURE FOR SEAT OF VEHICLE SEAT

(24) 2	5450	
(51) International classification	:B65C	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)SUZUKI MOTOR CORPORATION
(31) Thomy Document No	253445	Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:19/11/2012	Hamamatsu-shi, Shizuoka-Ken, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Yoshinori TANAKA
Filing Date	:NA	2)Tatsuro SHIMIZU
(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 object is to provide a lock structure for a seat back of a vehicle seat which can improve the durability of a striker main body and which can achieve weight reduction and reduction in the number of parts. A striker 10 is provided on a vehicle body side, an engaging portion is provided in a seat back 3 capable of tilting in a vehicle front-rear direction, the engaging portion selectively engages with any one of multiple engaged portions K1, K2 to ock the seat back 3 in an inclined posture, an inclination angle of the seat back 3 in the inclined posture is different depending on the selected one of the engaged portions K1, K2, the striker 10 includes: a base portion 11 fixed to the vehicle body; and a striker main body 15 protruding from the base portion toward a vehicle front side, and the multiple engaged portions K1, K2 are provided in end sections 13M, 14M of the striker main body 15 on the vehicle front side Fr to be spaced away in the vehicle front-rear direction.

No. of Pages: 26 No. of Claims: 5

(22) Date of filing of Application :26/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: HANDGRIP FOR COOKING VESSELS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (NA (SA47J (SA47) (SA47J (SA47) (SA47) (SA47) (S	(71)Name of Applicant: 1)LA TERMOPLASTIC F.B.M. S.r.l. Address of Applicant : of Via Del Tornago - Z.I., ARSAGO SEPRIO (Varese), Italy (72)Name of Inventor: 1)MUNARI, Marco
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(57) Abstract:

The invention describes a handgrip (10) for a cooking vessel, usable in particular as a knob of a lid (12). The handgrip (10) comprises a base element (14), able to be fixed to the lid (12) or to a wall of the cooking vessel, and a gripping element or handle (16), snap-coupled with such a base element (14). The gripping element or handle (16) is hinged with respect to the base element (14) and can rotate from a closed or folded configuration, in which such a gripping element or handle (16) rests on the base element (14) in order to allow the handgrip (10) to reduce its own size in height, to an open configuration, in which such a gripping element or handle (16) is raised according to a right angle with respect to the base element (14) and can be gripped in order to raise the lid (12) or the cooking vessel on which the handgrip (10) is applied.

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

(22) Date of filing of Application: 13/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: REDOX FLOW BATTERIES BASED ON SUPPORTING SOLUTIONS CONTAINING CHLORIDE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C25B :12/892693 :28/09/2010	(71)Name of Applicant: 1)BATTELLE MEMORIAL INSTITUTE Address of Applicant: Intellectual Property Legal Services P.O. Box 999 M/S K1 53 Richland Washington 99352 U.S.A. (72)Name of Inventor: 1)LI Liyu 2)KIM Soowhan 3)YANG Zhenguo 4)WANG Wei 5)ZHANG Jianlu 6)CHEN Baowei 7)NIE Zimin 8)XIA Guanguang
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(57) Abstract:

Redox flow battery systems having a supporting solution that contains C1 ions can exhibit improved performance and characteristics. Furthermore a supporting solution having mixed SO and C1 ions can provide increased energy density and improved stability and solubility of one or more of the ionic species in the catholyte and/or anolyte. According to one example a vanadium based redox flow battery system is characterized by an anolyte having V and V in a supporting solution and a catholyte having V and V in a supporting solution. The supporting solution can contain C1 ions or a mixture of SO and C1 ions.

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

(21) Application No.1640/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/05/2011 (43) Publication Date : 17/10/2014

(54) Title of the invention: AMATEUR SATELLITE TRACKING AND COMMUNICATION SYSTEM

(51) International classification	:H01Q	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Nitte Meenakshi Institute of Technology
(32) Priority Date	:NA	Address of Applicant :Gollahalli Govindapura P.B.No 6429
(33) Name of priority country	:NA	Yelahanka Bangalore 560064 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Dr.Jarna Majumdar
(87) International Publication No	: NA	2)Mr.Chetan Angadi
(61) Patent of Addition to Application Number	:NA	3)Mr. Chetan Dixit
Filing Date	:NA	4)Ms. Mamatha R.M.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In view of the foregoing, an embodiment herein provides an amateur satellite tracking and communication system, wherein the system comprises of antenna system, a tracking system, a communication system and a display system, wherein the antenna system is configured for a gain of about 16dBi and can operate in a band- width between 435 MHz to 440 MHz. The antenna system comprises of an quad-stacked array of circulary polarized yagiuda antenna, a H-boom for mounting the array of antennas, a hybrid coupler, plurality of power splitter, a low noise amplifier (LNA) for enhancing the gain of the weak signal, an elevation motor and a azimuth motor. A communication system and protocol is provided for communicating amateur satellite with a ground station.

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

(21) Application No.3615/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : DEVICE AND METHOD FOR THERMAL TREATMENT OF FLUORINE-CONTAINING AND NOBLE METAL-CONTAINING PRODUCTS

(51) 7		(71)
(51) International classification	:A61k	(71)Name of Applicant:
(31) Priority Document No	:10 2012	1)Heraeus Precious Metals GmbH & Co.KG
(31) Thomas Document 110	016 420.3	Address of Applicant :of Heraeusstrasse 12-14, 63450, Hanau
(32) Priority Date	:21/08/2012	Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)ROMERO, Jose Manuel
Filing Date	:NA	2)MEYER, Horst
(87) International Publication No	: NA	3)VOSS, Steffen
(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 ashing plant for enriching noble metals from fluorine-containing materials, comprising a thermal treatment chamber (1) having a refractory insulating lining on the inside of the chamber and an exhaust gas cleaning system, whereby the refractory insulating lining is resistant to hydrofluoric acid and the exhaust gas cleaning system comprises at least one thermal after-incineration chamber (2), at least one or more acid scrubber(s) (3, 4) and at least one alkaline scrubber (5).

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

(21) Application No.3701/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :21/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: PATIENT MONITORING SYSTEM AND METHOD

(31) Priority Document No :13/616827 1)General Electric Company	 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:14/09/2012 :U.S.A. :NA :NA : NA :NA :NA :NA	Address of Applicant :1 River Road, Schenectady, New Yor 12345, U.S.A (72)Name of Inventor:
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(57) Abstract:

A patient monitoring system (10) is disclosed herein. The patient monitoring system (10) includes a processor (12) configured to receive CDS search data, and to identify relevant CDS options based on the search data. The patient monitoring system (10) also includes a display (16) operatively connected to the processor (12). The display (16) is configured to convey the relevant CDS options.

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

(22) Date of filing of Application :27/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: POWER SUPPLY MANAGEMENT APPARATUS AND METHOD THEREOF

		(71)Name of Applicant :
(51) International classification	:B60L	1)General Electric Company
(31) Priority Document No	:201210358566.2	Address of Applicant :1 River Road, Schenectady, New York
(32) Priority Date	:24/09/2012	12345, U.S.A.
(33) Name of priority country	:China	(72)Name of Inventor:
(86) International Application No	:NA	1)LI, Fei
Filing Date	:NA	2)LU, Xi
(87) International Publication No	: NA	3)ZHOU, Jian
(61) Patent of Addition to Application Number	:NA	4)KANG, Pengju
Filing Date	:NA	5)ZHOU, Ronghui
(62) Divisional to Application Number	:NA	6)SHEN, Xiangming
Filing Date	:NA	7)SUN, Fengcheng
		8)QIU, Hai

(57) Abstract:

An apparatus includes an onboard energy storage device; an onboard power conversion device configured to be electrically coupled to an external power source for receiving electrical power therefrom; and at least one drive system electrically coupled to the onboard energy storage device and the onboard power conversion device, wherein the onboard energy storage device and the onboard power conversion device cooperatively provide electrical power for the at least one drive system. A vehicle and a method for managing power supply are also disclosed.

No. of Pages: 59 No. of Claims: 22

(21) Application No.10227/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/12/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention : METHOD AND SYSTEM FOR MANUFACTURING A POLYMER ENDOPROSTHESIS BY INJECTION MOLDING AND BLOW MOLDING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B29C49/06 :13/114941 :24/05/2011 :U.S.A. :PCT/US2012/039164 :23/05/2012 :WO 2012/162402 :NA :NA :NA	(71)Name of Applicant: 1)ABBOTT CARDIOVASCULAR SYSTEMS INC. Address of Applicant: 3200 Lakeside Drive Santa Clara California 95054 U.S.A. (72)Name of Inventor: 1)WANG Yunbing 2)OBERHAUSER James
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(57) Abstract:

A polymer endoprosthesis is fabricated by a combination of injection molding and blow molding which form a tubular substrate of polymer material followed by laser cutting crimping and sterilization. After the injection and blow molding processes a subtractive process is performed on the tubular substrate to transform it into a stent having a network of stent struts. The tubular substrate can be made in an injection mold and blow mold which are attached to each other. The transition from injection molding and blow molding can be performed while the injection molded substrate remains at a temperature at or above Tg of the polymer material.

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

(21) Application No.1299/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: SYSTEM AND METHOD FOR ANALYZING SAMPLES LABELED WITH 5 10 15 20 TETRAKIS (4 CARBOXYPHENYL) PORPHINE (TCPP)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:19/07/2010 :WO 2011/009137 :NA :NA	(71)Name of Applicant: 1)BIOMODA INC. Address of Applicant: 609 Broadway NE Room 215 Albuquerque NM 87102 U.S.A. (72)Name of Inventor: 1)DORIAN Constance 2)COUSINS John 3)BENNETT Gordon
Filing Date	:NA	

(57) Abstract:

One embodiment of the present invention provides for a method of determining if a sputum sample contains dysplastic or carcinomic cells by obtaining a sputum sample containing cells. The sputum sample is labeled with TCPP to stain cells suspected to be dysplastic or carcinomic. The labeled sputum sample is excited with an excitation wavelength of light of about 475 nm +/ 30 nm and emission at about 560 nm +/ 30nm is detected from cells identified to be macrophages. An imager focuses on the plasma membrane of one or more cells suspected to be dysplastic or carcinomic and emission at about 655 nm +/ 30 nm if present is detected for TCPP labeled cells of the sputum sample after focusing on the plasma membrane of the cells of the sputum sample. Photon flux for each pixel of a sensor is measured to obtain a value for the imaged cell. The measured value is scored to determine if a cell is cancerous or dysplastic.

No. of Pages: 28 No. of Claims: 20

(21) Application No.158/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF CHIRAL DIOL SULFONES AND STATINS

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO. 2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD-500 038 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SUKUMAR NANDI
(87) International Publication No	: NA	2)GONA BALANARASIMHA REDDY
(61) Patent of Addition to Application Number	:NA	3)MEENAKSHISUNDERAM SIVAKUMARAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an improved process to prepare chiral diol sulfones of formula wherein R| and R2 each independently represent group selected from CM alkyl, CM alkenyl, C3.6 cycloalkyl, C6-io aryl or C7_12 aralkyl, each of R| and R2 may be substituted and wherein Ri and R2 may form a ring together with the C-atom; R3 represents group selected from C1.5 alkyl, aryl or aralkyl.

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

(22) Date of filing of Application :03/09/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : METALLIC COMPOSITIONS USEFUL FOR BRAZING, AND RELATED PROCESSES AND DEVICES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:B23K1/00 :13/628,548 :27/09/2012 :U.S.A. :NA :NA :NA	'
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)RAHMANE, Mohamed
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A braze alloy composition is disclosed, containing nickel, about 5% to about 40% of at least one refractory metal selected from niobium, tantalum, or molybdenum; about 2% to about 32% chromium; and about 0.5% to about 10% of at least one active metal element. An electrochemical cell that includes two components joined to each other by such a braze composition is also described. A method for joining components such as those within an electrochemical cell is also described. The method includes the step of introducing a braze alloy composition between a first component and a second component to be joined, to form a brazing structure. In many instances, one component is formed of a ceramic, while the other is formed of a metal or metal alloy.

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

(21) Application No.10094/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/12/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention: HEAT INSULATED APPARATUS FOR HEATING SMOKABLE MATERIAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F27D :2011 136 872 :06/09/2011 :Russia :PCT/EP2012/066523 :24/08/2012 :WO 2013/034458 :NA :NA :NA	(71)Name of Applicant: 1)BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED Address of Applicant: Globe House 1 Water Street London WC2R 3LA U.K. (72)Name of Inventor: 1)EGOYANTS Petr Alexandrovich 2)VOLOBUEV Dmitry Mikhailovich 3)FIMIN Pavel Nikolaevich 4)SALEEM Fozia 5)WOODMAN Thomas
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(57) Abstract:

An apparatus configured to heat smokeable material to volatilize at least one component of the smokeable material wherein the apparatus comprises a region insulation having a core region which is evacuated to a lower pressure than an exterior of the insulation.

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

(21) Application No.1471/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :01/04/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: LIGHT EMITTING DIODE DEVICE

(32) Priority Date (33) Name of priority country (86) International Application No	NA	1)TVS MOTOR COMPANY LIMITED Address of Applicant :JAYALAKSHMI ESTATES NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu India
(87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number S	NA NA NA NA NA NA	(72)Name of Inventor: 1)UPENDER RAO K 2)MAHESH KUMAR ALLURI 3)SAMRAJ JABEZ DHINAGAR

(57) Abstract:

An improved Light Emitting Diode with better heat dissipating mechanism in an LED by using a thermal slug attached to die of the LED wherein the thermal slug is designed to have a larger area for better dissipation of heat energy formed during operation of the LED. The larger area in the thermal slug being formed by using a thermal slug with multiple fins and by using threads. The threads and fins designed in such a way to easily mate with a larger external heat sink for better and efficient dissipation of heat energy.

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

(22) Date of filing of Application :01/04/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: ARTICLE SECURING ASSEMBLY FOR TWO WHEELERS

(51) International algorification	·D6217/00	(71)Nome of Applicant
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KUMARI NISHA GUPTA
(61) Patent of Addition to Application Number	:NA	2)MEGANATHAN MOHANKUMAR
Filing Date	:NA	3)VENKATASAMY GANESH
(62) Divisional to Application Number	:NA	4)YOGESH CHANDRAKANT KOTNIS
Filing Date	:NA	

(57) Abstract:

The present invention relates to luggage hook assembly (10) for a scooter type motorcycle. The luggage hook assembly (10) is disposed in a depression (101) of a cover front (8) of the scooter type motorcycle and comprises a hook arm upper (105), a hook arm lower (106) and a locking sub assembly (200). The hook arm upper (105) and the hook arm lower (106) are capable of selectively moving from a first position to a second position, wherein the first position includes the hook arm upper (105) and the hook arm lower (106) disposed substantially parallel to the cover front (8), and the second position includes the hook arm upper (105) and the hook arm lower (106) disposed substantially perpendicular to the cover front (8). Further, the hook arm upper (105) and the hook arm lower (106) are secured to each other through the locking sub assembly (200). The present construction of the luggage hook assembly (10) not only ensures the reliability and the durability of the hook assembly (10) but also ensures good vehicle aesthetics as the hook assembly is compact and lies in line with the cover front (8).

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

(21) Application No.3364/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: BRUSH-MANUFACTURING MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A46D :102012017740.2 :07/09/2012 :Germany :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)ZAHORANSKY AG Address of Applicant: ANTON-ZAHORANSKY-STR. 179674 TODTNAU Germany (72)Name of Inventor: 1)GUIDO SOMMER
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(57) Abstract:

A brush-manufacturing machine (1) has at least one movable functional element (7) and a device (8) for reducing the vibrations which are caused by the movement of the functional element (7). The device (8) is designed here to actively absorb and/or actively damp the vibrations

No. of Pages: 15 No. of Claims: 7

(22) Date of filing of Application :20/09/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: INTERIOR PERMANENT MAGNET ELECTRIC ROTATING MACHINE

(51) International classification	:H02K1/00 :2012-	(71)Name of Applicant: 1)SUZUKI MOTOR CORPORATION
(31) Priority Document No	217463	Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:28/09/2012	Hamamatsu-shi, Shizuoka-ken, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Masahiro AOYAMA
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 electric rotating machine comprises a stator, a rotor, and multiple pairs of permanent magnets in the rotor. The permanent magnets of each pair are located in V shape configuration. The rotor is formed with apertures, each being substituted for that portion of one of the permanent magnets located in a predetermined range which would generate magnetic flux lines in such directions as to cancel magnetic flus lines emanating from the stator in the neighborhood of a direct axis of one of the magnetic poles if the permanent magnet were located in the predetermined range. A center groove and a pair of side grooves are formed, per magnetic pole, in an outer periphery of the rotor. The center adjustment groove is located on a direct axis for the magnetic pole. The pair of side adjustment grooves is located within an arc angle for the magnetic pole.

No. of Pages: 137 No. of Claims: 3

(22) Date of filing of Application :26/12/2012 (4.

(43) Publication Date: 17/10/2014

(54) Title of the invention: METHODS FOR MANUFACTURING A DUAL BIOSENSOR TEST STRIP

(51) International classification(31) Priority Document No(32) Priority Date	:G01N33/487 :61/360010 :30/06/2010	(71)Name of Applicant: 1)ROCHE DIAGNOSTICS GMBH Address of Applicant :Sandhofer Strasse 116 D 68305
(33) Name of priority country	:U.S.A.	Mannheim Germany
(86) International Application No	:PCT/US2011/042574	1 '
Filing Date (87) International Publication No	:30/06/2011 :WO 2012/003306	(72)Name of Inventor : 1)RIGGLES Randall K.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)DIEBOLD Eric R. 3)JOSEPH Abner David 4)BEATY Terry A.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Some embodiments of the invention include a 2 up manufacturing technique for producing test strips (100) to reduce costs reduce waste and increase output. Other techniques relating to the 2 up technique such as simultaneously manufacturing test strips (100) arranged in multiple columns are also disclosed. Yet other techniques include cutting through the upper (110) and lower substrates (130) to form an overhang of either the upper (110) or the lower substrate (130). Other embodiments include a dual use biosensor in which a user can apply a sample of bodily fluid to both test strips simultaneously.

No. of Pages: 41 No. of Claims: 22

(22) Date of filing of Application :08/04/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : A PROCESS OF MANUFACTURING BARIUM, ZINC AND TANTALUM CERAMICS FOR MICROWAVE APPLICATION

(51) International classification	:C04B35/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DIBAKAR DAS
(32) Priority Date	:NA	Address of Applicant :SCHOOL OF ENGINEERING
(33) Name of priority country	:NA	SCIENCES AND TECHNOLOGY, UNIVERSITY OF
(86) International Application No	:NA	HYDERABAD - 46 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SWATH MANIVANNAN
(61) Patent of Addition to Application Number	:NA	2)DIBAKAR DAS
Filing Date	:NA	3)V.S. SURYA CHANDRA
(62) Divisional to Application Number	:NA	4)K.C. JAMES RAJU
Filing Date	:NA	5)PROMOD KUMAR SHARMA

(57) Abstract:

In the present invention there is provided a process of manufacturing Barium Zinc Tantalate (BZT) ceramics under controlled conditions to give a sintered material, whose density is close to the theoretical density and superior Dielectric properties. The said ceramic composition is mainly used for Microwave Applications.

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

(22) Date of filing of Application :02/07/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: IMPROVED PROCESS FOR PREPARING BENZOFURAN-2-CARBOXAMIDE DERIVATIVES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SYMED LABS LIMITED Address of Applicant:8-3-166/6 & 7, II FLOOR, SREE ARCADE, ERRAGADDA, HYDERABAD - 500 018 Andhra Pradesh India (72)Name of Inventor: 1)MOHAN RAO DODDA 2)JITHENDER AADEPU
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

Provided herein are novel, commercially viable and industrially advantageous processes for the preparation of benzofuran-2-carboxamide derivatives and their intermediates, or a pharmaceutically acceptable salt thereof, in high yield and purity. Provided particularly herein are novel, commercially viable and industrially advantageous processes for the preparation of vilazodone or a pharmaceutically acceptable salt thereof in high yield and purity. Provided also herein is an improved and commercially viable process for the preparation of 3-(4-hydroxybutyl)-lH-indole-5-carbonitrile, in high yield and purity, using novel intermediate compound 3-(4-hydroxybutyryl)-lH-indole-5-carbonitrile.

No. of Pages: 59 No. of Claims: 39

(10) INIDI A

(21) Application No.2979/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :04/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: A METHOD AND APPARATUS FOR STORING A CUSTOMER IDENTIFYING INFORMATION IN A CONSUMABLE TO BE USED IN AN IMAGE PRODUCTION DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06Q10/00 :13/597,880 :29/08/2012 :U.S.A. :NA :NA :NA :NA :NA	
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(57) Abstract:

A method and apparatus for storing a customer identifying information in a consumable used in an image production device is disclosed. The method may include receiving an order from a customer for one or more consumables, each of the one or more consumables having a tag memory, retrieving customer identifying information relating to the customer, storing the retrieved customer identifying information in the tag memory of each of the ordered one or more consumables, and sending the ordered one or more consumables to the customer corresponding to the customer identifying information stored in the tag memory of each of the ordered one or more consumables.

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

(22) Date of filing of Application :24/09/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: A PROCESS FOR FRACTIONATING CRUDE TRIGLYCERIDE OIL

(51) International classification	:C11B7/00	(71)Name of Applicant:
(31) Priority Document No	:PI 2013001143	1)MALAYSIAN PALM OIL BOARD (MPOB) Address of Applicant :No. 6, Persiaran Institusi, Bandar Baru
(32) Priority Date	:01/04/2013	Bangi, 43000 Kajang, Selangor Darul Ehsan, Malaysia Malaysia
(33) Name of priority country	:Malaysia	(72)Name of Inventor:
(86) International Application No	:NA	1)Chong Chiew Let
Filing Date	:NA	2)Yeoh Chee Beng
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an improved process for fractionating triglyceride oil. The process according to the present invention attains a reproducible crystallization by introducing a controlled temperature profile and ensuing crystal development that reduce the amount of entrapped olein inside the crystals or crystal aggregates. The process of the present invention may be used to fractionate vegetable oils such as palm oil or its blends with other palm oil products or edible vegetable oils.

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

(21) Application No.1000/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :27/02/2014

(43) Publication Date: 17/10/2014

(54) Title of the invention : STABILIZING POLYMERS TO CONTROL PASSIVE LEAKING OF FUNCTIONAL MATERIALS FROM DELIVERY MEMBERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:13/783,665 :04/03/2013 :U.S.A. :NA :NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A delivery member for use in an image forming apparatus. The delivery member has a support member and a first layer disposed on the support member. The first layer includes a cross-linked elastomeric matrix, a stabilizing polymer comprising a polysiloxane backbone, and a functional material. Coating mixtures for preparing such delivery members having a first layer. Image forming apparatuses containing such delivery members.

No. of Pages: 40 No. of Claims: 10

(21) Application No.1404/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :28/03/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: A COMPOSITION FOR FERTIGATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:NA :NA :NA :NA :NA : NA :NA	(71)Name of Applicant: 1)S. SUNDARESAN Address of Applicant: 46/4-SUSHANTHA APARTMENTS, 53RD STREET, ASHOK NAGAR, CHENNAI - 600 083 Tamil Nadu India (72)Name of Inventor: 1)S. SUNDARESAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a composition for fertigation. More particularly, the present invention relates to a composition, comprising heterocyclic nitrogen; phosphonic sequester (P2O5); and dipotassium oxide (K2O). The composition may either be in soluble liquid or soluble powder form. The heterocyclic nitrogen is derived from pyrimidine series or hexamine. The heterocyclic nitrogen in soluble form helps plants to synthesize enormous amount of materials by photosynthesis and by secondary photosynthesis and biochemical reactions. Sequestering agent amino trimethylene phosphonic acid (ATMP) sequestering agent delivers nutrients in soluble forms to plants.

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

(22) Date of filing of Application :10/04/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: LOXOPROFEN POLYMORPHS AND PROCESS FOR THE PREPARATION OF THE SAME

(51) International classification	:C07D241/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SHASUN PHARMACEUTICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :28, BATRA CENTER, 3RD & 4TH
(33) Name of priority country	:NA	FLOOR, SARDAR PATEL ROAD, GUINDY, CHENNAI 600
(86) International Application No	:NA	032 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. JAYAMANI
(61) Patent of Addition to Application Number	:NA	2)DR. BHUVANESWARI SRIDHAR
Filing Date	:NA	3)DR. SARAVANAN SRINIVASAN
(62) Divisional to Application Number	:NA	4)SELVAKUMAR VIRUTHAGIRI
Filing Date	:NA	5)THANIGAIARASU MOHANASUNDARAM

(57) Abstract:

Discloses novel crystalline forms of 2-[4-(2-Oxo-cyclopentylmethyl)-phenyl]-propionic acid (Formula n) and its sodium derivatives (Formula I) and the process for preparation thereof A crystalline form SI of 2-[4-(2-Oxo-cyclopentylmethyl)-phenyl]-propionic acid (Formula H) characterized by XRD 20 at about 14.3°, 16.5°, 16.9°, 18.4°, 18.6°, 21.1°, 21.8°, 25.4° and 27.9°.

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

(22) Date of filing of Application :07/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: A LIFTING STAGE FOR AQUACADE

(51) International classification	:E04H3	(71)Name of Applicant :
(31) Priority Document No	:201210283544.4	1)WANDA CULTURAL TOURISM PLANNING &
(32) Priority Date	:10/08/2012	RESEARCH INSTITUTE CO., LTD.
(33) Name of priority country	:China	Address of Applicant :Floor 33, Tower A, Gemdale Plaza,
(86) International Application No	:NA	No.91 Jianguo Road, Chaoyang District, 100022 Beijing,
Filing Date	:NA	P.R.China China
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)LAI JIANYAN
Filing Date	:NA	2)WANG YUAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A lifting stage for aquacade which is disposed in a pool is disclosed. The pool comprises a water space located above the bottom of the pool for water storage and a foundation pit beneath the bottom of the pool for access of maintenance personnel and equipment installation. The lifting stage includes an actuating mechanism disposed in the foundation pit, a stage mechanism disposed in the water space, and a lifting rod passing through the bottom of the pool and connecting the actuating mechanism and the stage mechanism. The lifting stage for aquacade provided in the present invention disposes the driving and transmission mechanisms in a dry foundation pit beneath the pool so as to prevent the driving and transmission mechanisms from contacting with water and thus eliminating water pollution due to leakage of the hydraulic oil into water, or the potential security danger of electric leakage in water, which is caused by using electricity in the water.

No. of Pages: 18 No. of Claims: 6

(21) Application No.4585/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :09/10/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: LIGHTING CONTROL SWITCH

(61) Patent of Addition to Application Number :NA Filing Date :NA	Filing Date	:Japan :NA :NA : NA : NA :NA	1)PANASONIC CORPORATION Address of Applicant:1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan. (72)Name of Inventor: 1)HIRATA, Satoshi 2)MATSUURA, Shuji 3)UEHARA, Kentaro	
()	` /			
(62) Divisional to Application Number :NA Filing Date :NA	\ / / II			

(57) Abstract:

The lighting control switch in accordance with the present invention includes: a control unit configured to control a lighting load; a luminance setting unit including a manual operation member configured to change an operation amount within a predetermined range in response to a manual operation by a user; and a lower limit luminance setting unit configured to determine a lower limit luminance for the lighting load in response to a manual input from a user. The control unit is configured to select a luminance depending on the operation amount and supply to the lighting load electrical power corresponding to the selected luminance. The control unit is configured to, when the operation amount is a minimum value, select a prescribed luminance defined as a luminance equal to the lower limit luminance or more.

No. of Pages: 34 No. of Claims: 11

(22) Date of filing of Application :27/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: ONLINE CONTENT COLLECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:G06Q :13/599,310 :30/08/2012 :U.S.A. :NA :NA : NA	<i>'</i>
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An online content collection system includes a scanning server to scan web sites to retrieve a potential creative uniform resource locator (URL). The scanning and retrieving includes parsing web pages for the web sites, identifying a potential creative URL from the parsed web pages that matches a predetermined criterion for retrieving potential creative URLs, and retrieving the potential creative URL that matches the predetermined criterion. A data storage may be used to store URLs for creatives. An online content collection server analyzes the retrieved potential creative URL by determining whether the retrieved potential creative URL has been seen before by comparing the retrieved potential creative URL against the creative URLs stored in the data storage, and determining whether the retrieved potential creative URL points to a creative if the retrieved potential creative URL has been seen before

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

(22) Date of filing of Application :02/09/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: MOBILE TERMINAL AND CONTROL METHOD FOR THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04M1/00 :10-2012- 0098967 :06/09/2012 :Republic of Korea :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	28, Yeoui-daero, Yeongdeungpo-gu,
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(57) Abstract:

Disclosed are a mobile terminal capable of performing a call function, and a method for controlling the same. The mobile terminal according to an embodiment of the present invention comprises a wireless communication unit configured to perform a call with an external device; a display unit configured to output screen information related to the call; and a controller configured to generate a call record including identification information of the external device, wherein the controller controls the display unit to receive additional information when the call is ended, and wherein the controller outputs the additional information to the display unit together with the call record, when output of the call record is requested.

No. of Pages: 49 No. of Claims: 16

(21) Application No.4841/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: VEHICLE INSTRUMENT PANEL

(51) International classification	:B60R	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)SUZUKI MOTOR CORPORATION
(51) Thomas Bocument No	274236	Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:17/12/2012	Hamamatsu, Shizuoka, 432-8611, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Hiroyuki KAWAGUCHI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

To provide a vehicle instrument panel in which a closed cross-section is formed without necessitating a separate member and that is reinforced in a well-balanced manner without occurrence of local load concentrations. A vehicle instrument panel 100 has a first reinforcement structure 150a provided on the back side of a top face 110 of the instrument panel 100. The first reinforcement structure 150a includes a front rib 152 that extends from the front part of the top face 110 toward the vehicle rear side, a rear rib 154 that is arranged at a spacing in a vehicle-width direction from the front rib 152 and extends substantially parallel to the front rib 152 from the rear part of the top face 110 toward the vehicle front side; a front flange 156 that extends substantially to the top face 110 from the lower end of the front rib 152 toward the rear rib 154; and a rear flange 158 that extends substantially parallel to the top face 110 from the lower end of the rear rib 154 toward the front rib 152. The rear end of the front flange 156 is coupled with the front end of the rear flange 158 by a coupling rib 160.

No. of Pages: 24 No. of Claims: 5

(21) Application No.4843/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: VEHICLE INTERIOR STRUCTURE

(51) International classification	:B60R13/00	(71)Name of Applicant :
(31) Priority Document No	:2013- 000530	1)SUZUKI MOTOR CORPORATION Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:07/01/2013	Hamamatsu-shi, Shizuoka-ken, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Kazuhito IWAMOTO
Filing Date	:NA	2)Kazuhiko SEKI
(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:

There is provided a vehicle interior structure capable of upgrading the appearance quality. A design member 6, which covers the adjacent end parts 1J and 2K adjacent to each other of a first device 1 and second device 2, is mounted to both the adjacent end parts 1j and 2k, a first locked part 11 is provided on the back surface 1 U side of the adjacent end part 1J of the first device 1, first locking parts 21 are provided on the back surface 7U side of the design member, second locking parts 22 are provided on the back surface 2U side of the adjacent end part 2K of the second device 2, a second locked part 12 is provided on the back surface 7U side of the design member 6, each of the first locking parts 21 and the second locking parts 22 is formed in a triangular rib shape, and the first locking part 21 and the second locking part 22 are close to each other in the lengthwise direction of the design member 6.

No. of Pages: 25 No. of Claims: 3

(22) Date of filing of Application :09/04/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: A METHOD AND SYSTEM FOR TRIGGERING GROUPS OF WIRELESS DEVICES USING SYSTEM INFORMATION BLOCKS (SIBS)

(51) I. () () () ()	110407/06	(71)NI 6.4 P. 4
(51) International classification	:H04B//26	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Samsung India Software Operations Pvt Ltd
(32) Priority Date	:NA	Address of Applicant :SISO, 1st Floor, Tridib Building,
(33) Name of priority country	:NA	Bagmane Tech Park, C V RamanNagar, Byrasandra, Bangalore
(86) International Application No	:NA	560093,Karnataka, India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Rajavelsamy Rajadurai
(61) Patent of Addition to Application Number	:NA	2)Mangesh Abhimanyu Ingale
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and system for triggering groups of wireless devices for group based communication using system information blocks (SIB) is disclosed. The method provides broadcasting of trigger records for one or more group of wireless devices in a new System Information Block (SIB). A broadcasted trigger indication alerts the wireless devices within every group of wireless devices about the trigger record to be broadcasted. The method disclosed secures the trigger message and trigger information of the trigger record by asymmetric and symmetric cryptography respectively. The method avoids overloading of wireless cellular network and provides reliability of message (trigger record) delivery at lower cost.

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

(22) Date of filing of Application :16/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: MIXING DEVICE FOR THE AFTERTREATMENT OF EXHAUST GASES

(51) International alogaification	·E01N/2/00	(71)Nome of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:10 2012	1)MAN TRUCK & BUS AG
(31) Thomas Document No	014 334.6	Address of Applicant :DACHAUER STR. 667, 80995
(32) Priority Date	:20/07/2012	MUNCHEN Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)ALBERT, HERBERT
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 specifies a mixing device (2) for the aftertreatment of exhaust gases in an exhaust system of an internal combustion engine, said mixing device comprising a housing (4) with an inlet opening (24) which has an inlet cross section, and comprising an inner pipe (6) which is arranged within the housing (4) and which has a mixing region (8) formed in the interior of the inner pipe (6), wherein on a face side of the housing (4) there is arranged a dosing device (10) for the supply of a liquid and/or a liquid-gas mixture (14), and wherein the inner pipe (6) has, on its lateral surface (16), access openings (18) through which the exhaust gases can be introduced into the mixing region (8). Here, the housing (4) has a spiral-shaped housing portion (22), wherein the spiral-shaped housing portion (22) extends at least along all of the access openings (18). The invention also specifies a method for mixing an exhaust gas with a liquid and/or with a liquid-gas mixture, using a mixing device (2) as specified above.

No. of Pages: 39 No. of Claims: 15

(22) Date of filing of Application :27/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: DEVICE AND CONTENT SEARCHING METHOD USING THE SAME

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (SOB F: 10-2012-0095261 (SPECIAL SEPPORT OF APPLICATION OF SEPPORT	(71)Name of Applicant: 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant: 129 Samsung-ro, Yeongtong-gu 2 Suwon-si, Gyeonggi-do 443-742 Republic of Korea (72)Name of Inventor: 1)CHOI, Won-jong 2)CHOI, Hyung-tak 3)KWON, O-hoon
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(57) Abstract:

A method of recommending a friend in a first terminal is provided. The method includes generating first interest keyword information by analyzing event information of the first terminal, receiving second interest keyword information of a second terminal, comparing the first interest keyword information and the second interest keyword information, and displaying information recommending a user of the second terminal as a friend based on a result of the comparing.

No. of Pages: 84 No. of Claims: 15

(21) Application No.3865/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :29/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: UNIVERSAL TIMEPIECE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:G04B :12185275.0 :20/09/2012 :EPO :NA :NA	Address of Applicant :of Rue des Sors 3, 2074 Marin, Switzerland (72)Name of Inventor: 1)LECHOT, Dominique
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	2)VUILLEUMIER, Alain 3)BORN, Jean-Jacqus

(57) Abstract:

The universal timepiece comprises a winter/summer switching mechanism (27, 29, 31, 25, 19, 19H, 19E, 20, 20H, 20E, 21, 21E, 21H, 22, 22E, 22H, 23, 23E, 23H, 11, 11A, 12, 12A, 13, 13A, 14, 14A, 15, 15A, 17) arranged to be driven intermittently by the movement to selectively displace some of the geographic indications carried by the dial (3) by 1/24th of a turn in order to change by one hour the local time associated with these geographic indications during a change from winter time to summer time or from summer time to winter time.

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

(21) Application No.5456/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 10/07/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: PLANT FOR PRODUCING CEMENT WITH CENTRAL GRINDING UNIT

(51) International classification :F27B7/20,C04B7/52,C04B7/38 (71)Name of Applicant :

(31) Priority Document No :10 2011 008 967.5

(32) Priority Date :12/01/2011 (33) Name of priority country :Germany

(86) International Application No :PCT/EP2012/050069

Filing Date :04/01/2012

(87) International Publication No: WO 2012/095338

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

:NA Number :NA Filing Date

(57) Abstract:

1)KHD HUMBOLDT WEDAG GMBH

Address of Applicant: Colonia Allee 3 51067 Kln Germany

(72)Name of Inventor: 1)STRASSER Siegfried

The invention relates to a plant for producing cement (100) having a first stage (115) for crushing raw material (110) to form raw powder (120) a second stage (160) for calcination and sintering of the raw powder (120) to form cement clinker (170) a third stage (180) for cooling the sintered cement clinker (170) and a fourth stage (210) for crushing the sintered cement clinker (170) to form cement (105). It is proposed according to the invention that the first stage (115) for crushing raw material (110) to form raw powder (120) and the fourth stage (210) for crushing the sintered cement clinker (170) to form cement (105) are structurally combined. In this way during servicing or repair of one crushing stage the plant need not be shut down because by variable circuitry switching the crushing stages permit plant operation with reduced production output.

No. of Pages: 13 No. of Claims: 5

(21) Application No.1097/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 11/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: METHOD AND DEVICE FOR PRODUCING PROCESS VAPOR AND BOILER FEED STEAM IN A HEATABLE REFORMING REACTOR FOR PRODUCING SYNTHESIS GAS

:C01B3/34,C01B3/38,C01B3/48 (71)Name of Applicant : (51) International classification

(31) Priority Document No :10 2010 044 939.3

(32) Priority Date :10/09/2010 (33) Name of priority country :Germany

(86) International Application No :PCT/EP2011/004205

Filing Date :20/08/2011 (87) International Publication No :WO 2012/031683

(61) Patent of Addition to :NA Application Number

:NA Filing Date

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

1)ThyssenKrupp Uhde GmbH.

Address of Applicant: Friedrich Uhde Str. 15 44141 Dortmund

Germany

(72)Name of Inventor: 1)VON TROTHA Thilo 2)HEINRICH Jan

(57) Abstract:

The invention relates to a method for producing process vapor and boiler feed steam in a heatable reforming reactor for producing synthesis gas. By means of the method according to the invention the sensible heat of a synthesis gas produced from hydrocarbons and steam can be used so that two types of vapor are obtained which are producing during the heating and evaporation of boiler feed water and process condensate and wherein the method also comprises a conversion of the carbon monoxide contained in the synthesis gas and wherein the method comprises an optional heating of the boiler feed water using the flue gas from the heating of the reforming reactor. By means of the method the sensible heat of the synthesis gas and of the flue gas originating from the heating can be used more efficiently wherein the disadvantages from the flue gas heating which are caused by the fluctuating heat supply in the flue gas duct are avoided. The invention further relates to a system by means of which said method can be carried out.

No. of Pages: 20 No. of Claims: 14

(22) Date of filing of Application :08/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : DIE HOLDER UNIT OF AN APPARATUS FOR FORMING CORRUGATIONS ON THE WALL OF A TUBULAR BODY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA	(71)Name of Applicant: 1)KGR S.p.A Address of Applicant: Via Nicolao Cena, 65-10032 BRANDIZZO (TO), Italy (72)Name of Inventor: 1)MINETTI, Pierdomenico
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A die holder unit of an apparatus for forming corrugations on the wall of a tubular body, includes two half-shells (12, 14) fixable to the respective clamping jaws of the apparatus, coupled together as a result of an approaching of such jaws along a direction transverse to the die holder unit (10). The die holder unit (10) includes a series of forming plates (34) consisting of two shaped blades (36) adapted to be connected to each other, slidably mounted longitudinally with respect to the respective half-shell (12, 14) between a resting position in which they are spaced apart, and an operative position in which they are close together. Each half-shell (12, 14) is provided with guide means that include at least one guide rail (60) parallel to the axis of the die holder unit (10), for guiding the sliding of the blades (36) of the forming plates (34) between the resting and the operative positions. Each blade (36) has a cavity (64) the shape of which corresponds to the cross-section of the guide rails (60), to allow the engagement of a respective guide rail (60).

No. of Pages: 32 No. of Claims: 14

(22) Date of filing of Application :26/09/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: INTERIOR PERMANENT MAGNET ELECTRIC ROTATING MACHINE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:2012- 217463	(71)Name of Applicant: 1)SUZUKI MOTOR CORPORATION Address of Applicant: 300 Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka-ken, JAPAN (72)Name of Inventor: 1)Masahiro AOYAMA
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA : NA :NA :NA :NA :NA	

(57) Abstract:

An electric rotating machine comprises a stator providing a slot per phase per pole value of 2, a rotor, and multiple pairs of permanent magnets in the rotor. The permanent magnets of each pair are located in V shape configuration. The rotor is formed with apertures, each being substituted for that portion of one of the permanent magnets located in a predetermined range which would generate magnetic flux lines in such directions as to cancel magnetic flux lines emanating from the stator in the neighborhood of a direct axis of one of the magnetic poles if the permanent magnet were located in the predetermined range. A magnetic pole opening angle 6 (in electrical angle) falls in a range from to , and a magnet open angle 2 (in mechanical angle) of the permanent magnet falls in a range from to .

No. of Pages: 134 No. of Claims: 4

(21) Application No.626/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :13/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: HYBRID MOTORCYCLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA	(71)Name of Applicant: 1)JENQ HWA ENTERPRISES CO., LTD. Address of Applicant: NO.5, ALLEY 8, LANE 167, SEC.2, CHUNG SHANG ROAD, HU LEIN TSUN, YUNG CHING HSIANG, CHANG HUA Taiwan (72)Name of Inventor: 1)TIEN, CHIA-HUA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A hybrid motorcycle includes an engine and an electric motor which has a rotor fixed to inside of the rear wheel rim. The two covers of the electric motor are fixed to the rear wheel rim. The output shaft of the engine extends through the covers and connected with the bearings on two sides of the stator of the electric motor. The output shaft drives the rear wheel rim via the passage of one of the covers. The electric motor can directly drive the rear wheel rim. The two different driving modes can be individually operated or simultaneously operated by operation of the selection device and the speed control device.

No. of Pages: 14 No. of Claims: 3

(22) Date of filing of Application :08/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: MOBILE TERMINAL AND CONTROL METHOD THEREOF

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (89) International Publication No (10) Patent of Addition to Application Number Filing Date (10) Patent of Addition to Application Number (11) Patent of Addition to Application Number (12) Pivisional to Application Number (13) Filing Date (14) Priority Document No (15) Republic of Korea (16) NA (17) NA (18) NA (18	(71)Name of Applicant: 1)LG ELECTRONICS INC. Address of Applicant: 128, Yeoui-daero, Yeongdeungpo-gu, Seoul, Republic of Korea (72)Name of Inventor: 1)ASHESH CHAGANA BOYANA 2)RAJESH NAGARAJA RAO
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(57) Abstract:

A mobile terminal including a wireless communication unit configured to wirelessly communicate with at least one other terminal; a display unit; and a controller to receive a lock screen input command, display a lock screen on the display unit upon receiving the lock screen input command, receive a predetermined touch input on the lock screen, display a home screen in an overlapping manner with the lock screen on the display unit upon receiving the predetermined touch input on the lock screen, identify an icon displayed at a position on the home screen corresponding to a position of the predetermined touch input among a plurality of icons included in the home screen, and release the lock screen and execute an application corresponding to the identified icon when the predetermined touch input is released.

No. of Pages: 52 No. of Claims: 20

(22) Date of filing of Application :05/09/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: PROCESS AND DEVICE FOR UNLOADING PARTICULATE MATERIAL FROM A VESSEL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B01J8/00 :12306085.7 :10/09/2012 :EPO :NA :NA : NA : NA	(71)Name of Applicant: 1)PETROVAL Address of Applicant: Parc Econormandie Zone D™activits Commercials, 76430 Saint Romain De Colbosc, France (72)Name of Inventor: 1)STANDER Adriaan
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention concerns a process for unloading a bed (2) of particulate material from a vessel (1), which comprises inserting a removable and portable extraction pipe (4) into the lower part of said bed, injecting a fluidization gas upwardly into the extraction pipe (4) from the bottom part thereof, along the entire length of the extraction pipe (4), and applying a positive pressure differential between the inlet and the outlet of said extraction pipe. The present invention further concerns a device suitable for implementing such a process.

No. of Pages: 19 No. of Claims: 13

(22) Date of filing of Application :05/09/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD OF EXECUTING APPLICATION AND TERMINAL USING THE METHOD

(31) Priority Document No :10-201	Address of Applicant :129 Samsung-ro, Yeongtong-gu Suwon-si, Gyeonggi-do 443-742 Republic of Korea (72)Name of Inventor :
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(57) Abstract:

A method of executing an application by a first terminal is provided. The first terminal executes an application with at least one external device connected to the first terminal, and the first terminal transmits, to a second terminal, information about the application and connection information regarding the at least one external device. The second terminal establishes a connection with respect to the at least one external device based on the connection information, and executes the application with the at least one external device connected to the second terminal based on the information about the application.

No. of Pages: 61 No. of Claims: 14

(21) Application No.656/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : AN ELECTRONIC CONTROL UNIT (ECU) FOR MEASURING A CURRENT CONSUMED BY A DEVICE OF SAID ECU

(51) International classification	:G01D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SOBIN FRANCIS
(62) Divisional to Application Number	:NA	2)NANDAKUMAR SIVA
Filing Date	:NA	

(57) Abstract:

An electronic control unit (ECU) for determining a current (I) consumed by a device located in the ECU, from a battery connected remotely to the ECU, is disclosed. The ECU comprises a battery connector pin having a first terminal connected to a positive terminal of the battery and a second terminal is connected to the device of the ECU, a reference connector pin having a primary terminal is connected to the positive terminal of the battery and a secondary terminal is connected to a non inverting terminal of a operational amplifier, an inverting terminal of the operational amplifier is further connected to the second terminal of the battery connector pin and the operational amplifier is adapted to determine a voltage difference (Vdiff) between the battery connector pin and the reference connector pin and a current determination unit connected to an output of the operational amplifier is adapted to determine the current (I) consumed by the device in the ECU in dependence of the determined voltage difference (Vdiff).

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

(21) Application No.3189/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :17/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : CONTACT PLATE, AUTOMATIC TRANSMISSION CONTROL SWITCH USING THE CONTACT PLATE, MANUFACTURING METHOD OF THE CONTACT PLATE, AND MANUFACTURING METHOD OF THE AUTOMATIC TRANSMISSION CONTROL SWITCH

(51) International classification	:H01L	(71)Name of Applicant:
(31) Priority Document No	:2012- 161090	1)PANASONIC CORPORATION Address of Applicant :1006, OAZA KADOMA, KADOMA-
(32) Priority Date	:20/07/2012	SHI, OSAKA 571-8501 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)TOGASHI, SHOJI
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 automatic transmission control switch 1 includes a contact plate 22, and this contact plate 22 includes: a fixed contact 22b; and a connector terminal 22d, which is coupled to the fixed contact 22b through a conductive portion 22c, and outputs a contact state of the fixed contact 22b to the outside. Then, the connector terminal 22d is composed of a plurality of layers, and is made thicker than the fixed contact 22b.

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

(22) Date of filing of Application :21/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: VEHICLE CONDITION INFORMING SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B65D :2012- 194977 :05/09/2012 :Japan :NA :NA	(71)Name of Applicant: 1)SUZUKI MOTOR CORPORATION Address of Applicant: 300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka-Ken, Japan (72)Name of Inventor: 1)Atsushi HAMAI
(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 vehicle system 1 includes an input interface set 52 for reservation of a charge service for a batter set 15 and reservation of an air-conditioning service, an indicator set 51 disposed inside or outside a vehicle, and a controller 54 for controlling the indicator set 51 to put in a first lighting state representing combination of a condition involving a start time set up for the charge or air-conditioning service and a condition of an external power supply 200 ready to supply electric power to the battery set 15, and a second lighting state representing the charge or air-conditioning service being executed.

No. of Pages: 66 No. of Claims: 7

(22) Date of filing of Application :26/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : METHOD FOR PRODUCING A PISTON-PISTON ROD ASSEMBLY, AND PISTON-PISTON ROD ASSEMBLY

(51) Intermedianal alexandration	DCSD.	(71) No. 10 C. A. 10 Property (71)
(51) International classification	:B65D	(71)Name of Applicant:
(31) Priority Document No	:12 006	1)FESTO AG & Co. KG
()	232.8	Address of Applicant :of Ruiter Strasse 82, D-73734
(32) Priority Date	:04/09/2012	Esslingen, Germany
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:NA	1)JENE, Tobias
Filing Date	:NA	2)SAUER, Werner
(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:

Proposed is a method for producing a piston-piston rod assembly (16) for a fluid power device (11) such as a work cylinder or a shock absorber, wherein the piston (13) has a central opening for attaching the piston to the piston rod (15), and wherein the piston rod assembly (16) has at least one buffer sleeve (18) that can be used in the fluid power device (11) for damping purposes and that can be attached to the piston rod (15), the method comprising the following steps: - attaching the piston (13) to the piston rod (15) and connecting the piston (13) to the piston rod (15) in such a manner that the piston (13) is fixed on the piston rod (15) in an axially immovable manner, - attaching the buffer sleeve (18) to the piston rod (15) and connecting the buffer sleeve (18) to the piston rod (15) by means of laser welding in such a manner that the buffer sleeve (18) is fixed on the piston rod (15) in an axially immovable manner.

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

(21) Application No.632/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :10/03/2010 (43) Publication Date : 17/10/2014

(54) Title of the invention: IMPROVED SYNTHESIS OF 2-HYDROXY NAPHTHOQUINONE AND ITS ANALOGUES

(51) International classification	:c07c	(71)Name of Applicant:
(31) Priority Document No	:NA	1)CAVINKARE PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :CAVIN VILLE, NO. 12,CENOTAPH
(33) Name of priority country	:NA	ROAD, CHENNAI-600 018. Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GOPALAKRISHNAN, DR. MANNATHUSAMY
(87) International Publication No	: NA	2)NAGARAJAN, DR. SAMUTHIRAPANDIAN
(61) Patent of Addition to Application Number	:NA	3)THANUSU, DR. JAYARAMAN
Filing Date	:NA	4)KANAGARAJAN, MR. VIJAYAKUMAR
(62) Divisional to Application Number	:NA	5)EZILARASI, MISS. MUTHUVEL RAMANATHAN
Filing Date	:NA	

(57) Abstract:

A convenient and facile process for the synthesis of lawsone and its derivatives or analogues of lawsone is reported involving simple and cost-effective process steps by involving a simple inexpensive catalyst and a base in alcohol for the transformation of naphthol or its derivatives to lawsone and its derivatives in a single step and in the presence of oxygen but without any oxygen pressure and without the need of any external heating.

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

(21) Application No.6564/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : COMPOSITIONS COMPRISING PEROXY A KETOCARBOXYLIC ACID AND METHODS FOR PRODUCING AND USING THE SAME

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(86) International Application No
Filing Date
(87) International Publication No
:A61K31/19,C07C409
:61/444111
:17/02/2011
:U.S.A.
:PCT/US2012/025736
:17/02/2012
:WO 2012/112951

(87) International Publication No :WO 20 (61) Patent of Addition to Application Number :NA

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

:A61K31/19,C07C409/24 (71)Name of Applicant :

1)CHD BIOSCIENCE INC.

Address of Applicant :Research Innovation Ctr. At Colorado State University 3185 A Rampart Road 0922 Campus Delivery

Fort Collins CO 80523 U.S.A.

(72)Name of Inventor : 1)NEAS Edwin D.

2)SKINNER John D.

(57) Abstract:

The present invention provides compositions comprising peroxy a ketocarboxylic acid and methods for using the same. In some particular embodiments compositions of the invention also include a ketoesters.

No. of Pages: 43 No. of Claims: 20

(21) Application No.6565/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD FOR PRODUCING SPHERICAL FURFURYL ALCOHOL RESIN PARTICLES SPHERICAL FURFURYL ALCOHOL RESIN PARTICLES PRODUCED THEREBY SPHERICAL CARBON PARTICLES AND SPHERICAL ACTIVATED CARBON PARTICLES

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C08G65/36,C01B31/10 :2011059103 :17/03/2011 :Japan :PCT/JP2012/055210 :01/03/2012 :WO 2012/124491 :NA :NA	(71)Name of Applicant: 1)ASAHI ORGANIC CHEMICALS INDUSTRY CO. LTD. Address of Applicant:5955 Nakanose cho 2 chome Nobeoka shi Miyazaki 8828688 Japan (72)Name of Inventor: 1)MATSUMOTO Yasuhiro 2)MURAI Yuta
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(57) Abstract:

Provided is a method for the advantageous production of spherical furfuryl alcohol resin particles by resinification and curing using furfuryl alcohol alone without using toxic aldehydes as the starting materials. Furfuryl alcohol is subjected to self condensation in the presence of an acid catalyst to obtain a furfuryl alcohol condensed resin having fluidity and then the furfuryl alcohol condensed resin is subjected to granulation and curing in the presence of a dispersion stabilizer and an acid catalyst having a pKa of 1.5 or less using water as the reaction medium to form spherical cured resin particles.

No. of Pages: 24 No. of Claims: 18

(22) Date of filing of Application :26/09/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: INTERIOR PERMANENT MAGNET ELECTRIC ROTATING MACHINE

(51) International classification	:H02K1/00	(71)Name of Applicant: 1)SUZUKI MOTOR CORPORATION
(31) Priority Document No	217463	Address of Applicant :300 Takatsuka-cho, Minami-ku,
(32) Priority Date	:28/09/2012	Hamamatsu-shi, Shizuoka-ken, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Masahiro AOYAMA
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 electric rotating machine providing a slot per phase per pole value of 2, comprises a rotor, and multiple pairs of permanent magnets in the rotor. The permanent magnets of each pair are located in V shape configuration. The rotor is formed with apertures to form flux barriers, each being substituted for that portion of one of the permanent magnets located in a predetermined range which would generate magnetic flux lines in such directions as to cancel magnetic flux lines emanating from the stator in the neighborhood of a direct axis of one of the magnetic poles if the permanent magnet were located in the predetermined range. The flux barrier is configured to extend toward a quadrature axis and define a corner to divide magnetic stator flux lines into two streams.

No. of Pages: 179 No. of Claims: 3

(21) Application No.645/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: LUBRICATING STRUCTURE OF TRANSMISSION

(51) International classification	:F16H57/00	(71)Name of Applicant:
(31) Priority Document No	:2012- 033207	1)HONDA MOTOR CO., LTD. Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	:17/02/2012	MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)TANAKA, YOSHINORI
Filing Date	:NA	2)MIYATA, KAZUNORI
(87) International Publication No	: NA	3)MACHIDA, SHOJI
(61) Patent of Addition to Application Number	:NA	4)YANO, YASUTAKA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A lubricating structure of a transmission is capable of supplying more lubricating oil to the vicinity of one end portion of a shaft, which rotates in a transmission, than lubricating oil supplied to the remaining mechanisms of the transmission. An internal space of the shaft rotating in the transmission has a pipe inserted thereto with a gap provided therebetween, a large-diameter portion having two shaft lubrication holes, a stepped portion, and a small-diameter portion having a shaft lubrication hole. The pipe has a first pipe lubrication hole in communication with the gap and a second pipe lubrication hole in communication with the small-diameter portion.

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

(21) Application No.655/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: AN INTERNAL COMBUSTION ENGINE

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED Address of Applicant: 123, INDUSTRIAL LAYOUT, HOSUR ROAD, KORMANGALA, BANGALORE - 560 095 Karnataka India 2)ROBERT BOSCH GMBH (72)Name of Inventor: 1)KANAGARAJ T 2)SAJITH SS 3)GHOUSE KHAN 4)JESLY JOSE
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(57) Abstract:

An internal combustion engine, a device to reduce the speed of rotation of a flywheel connected to the internal combustion engine and a method to reduce the speed of rotation of a flywheel connected to the internal combustion engine is shown. The internal combustion engine comprises an engine housing, a crank shaft extending from the engine housing and being driven by the internal combustion engine, a flywheel connected to the crank shaft, wherein, a rotor in a mechanical connection with the flywheel, a stator in a electromagnetic connection with the rotor and a control unit connected to the stator wherein the control unit activates the stator -rotor combination and induces electromagnetic flux on the flywheel to reduce the speed of rotation of the flywheel.

No. of Pages: 12 No. of Claims: 9

(21) Application No.7251/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 10/09/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: COMMUNICATION SYSTEM SUBSCRIBER SIDE OPTICAL LINE TERMINATOR STATION SIDE OPTICAL LINE TERMINATOR CONTROL DEVICE AND COMMUNICATION CONTROL METHOD

(51) International :H04L12/44,H04B10/20,H04L29/14 classification

(31) Priority Document No

(32) Priority Date :NA (33) Name of priority country: NA

(86) International Application: PCT/JP2011/054395

No :25/02/2011 Filing Date

(87) International Publication :WO 2012/114526

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

(62) Divisional to Application:NA Number

:NA Filing Date

(71)Name of Applicant:

1)MITSUBISHI ELECTRIC CORPORATION

Address of Applicant: 7 3 Marunouchi 2 chome Chiyoda ku

Tokyo 1008310 Japan (72)Name of Inventor: 1)KIKUZAWA Takashi

2)MUKAI Hiroaki

(57) Abstract:

An ONU (10 1) is provided with: a power discontinuity detection unit (17) which detects the power discontinuity of the ONU itself; a transmission/reception unit which can be in a power saving state; and a PON side control unit (11) which notifies an OLT (1) of the power retention time when the power discontinuity occurs in the ONU itself and the activation time required until the transmission/reception unit returns from the power saving state as power saving return information and when the power discontinuity detection unit (17) detects the power discontinuity transmits a power discontinuity notification to the OLT (1). The OLT (1) is provided with a PON control unit (11) which assesses whether or not the ONU (101) can transmit the power discontinuity notification if the power discontinuity occurs when the ONU (10 1) in the power saving state on the basis of the power saving return information.

No. of Pages: 63 No. of Claims: 25

(21) Application No.3980/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :05/09/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: VEHICLE REAR STRUCUTURE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:F16F :2012- 208482 :21/09/2012 :Japan :NA	(71)Name of Applicant: 1)SUZUKI MOTOR CORPORATION Address of Applicant: 300, Takatsuka-cho, Minami-ku, Hamamatsu, Shizuoka, 432-8611, Japan (72)Name of Inventor: 1)Munenobu TAKEDA
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA : NA :NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

With a vehicle rear structure that is provided, load can be efficiently transferred and dispersed, and sufficient durability (rigidity) can be ensured while suppressing an increase in vehicle weight. A vehicle rear structure of the present invention includes a shock absorber 126; a coil spring 124 positioned in front of the shock absorber 126; a partition side panel 140 that is substantially parallel to a seat back 116a of a rear seat 116; a first reinforcement 156 that is provided upright between the partition side panel 140 and a seating face 132 of a rear wheel house 130 to which the upper end of the shock absorber 126 is attached, is connected to the upper end of the coil spring 124 via predetermined elements, and is joined to the partition panel 138, the partition side panel 140, and the rear wheel house 130; and a second reinforcement 158 that is provided upright more toward the vehicle rearward side than the seating face 132 is, and is joined to the partition panel 138 and the rear wheel house 130.

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

(22) Date of filing of Application :05/09/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: NOMADIC DEVICE FOR CONTROLLING ONE OR MORE PORTABLE SPEAKERS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:H04R3/00 :US 13/603,916 :05/09/2012 :U.S.A. :NA	(71)Name of Applicant: 1)Harman International Industries, Incorporated Address of Applicant: 400, Atlantic Street Stamford, Connecticut 06901 United States of America (72)Name of Inventor: 1)Lakkundi Ravi
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA : NA :NA :NA	2)Vedantam Shyam
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An apparatus for receiving audio data from a nomadic device is provided. The apparatus comprises a first portable speaker for being operably coupled to the nomadic device. The nomadic device receives first information indicative of a first crossover frequency for the first portable speaker and determines the first crossover frequency based on the first information. The nomadic device transmits the audio data to the first portable speaker in accordance to the first crossover frequency. The first portable speaker is configured to playback the audio data at the first crossover frequency.

No. of Pages: 28 No. of Claims: 20

(22) Date of filing of Application :24/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: A TRANSVERSE ELEMENT FOR A DRIVE BELT AND THE DRIVE BELT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16G5/16 :1038480 :28/12/2010 :Netherlands	(71)Name of Applicant: 1)ROBERT BOSCH GmbH Address of Applicant: Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor: 1)VAN HOUT Antonius Embregt 2)TRAN Minh Duc 3)SCHNACKERS Jozef Norbertus Mathias 4)ROMPEN Guillaume Gerard Hubertus 5)PRINSEN Lucas Hendricus Robertus Maria 6)GOMMANS Frans 7)VAN DEN BERG Roeland 8)VAN DINTER Ernst
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(57) Abstract:

Transverse element (32) for a drive belt with an endless carrier (31) and with a number of such transverse elements (32) that are each provided with a cut out (33) for accommodating the carrier (31) which cut out (33) extends between main faces (38 39) of the transverse element (32) and which cut out (33) defines a radially outward directed bearing surface (42) that contacts the carrier (31) and that on either side is provided with a bearing edge along which the carrier (31) is bend. According to the invention these bearing edges are mutually separated over 40 to 60 % of the total separation between the said main faces (38 39) of the transverse element (32).

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

(21) Application No.6168/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: TOPICAL ANTIFUNGAL AGENT

(51) International :C07D231/12,A61K31/415,A61P17/00 classification

(31) Priority Document No :2011017347

(32) Priority Date :30/01/2011 (33) Name of priority :Japan

country

(86) International :PCT/JP2012/051991 Application No

:30/01/2012 Filing Date

(87) International :WO 2012/102404 Publication No

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

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

(71)Name of Applicant:

1)Meiji Seika Pharma Co. Ltd.

Address of Applicant: 4 16 Kyobashi 2 chome Chuo ku Tokyo

1048002 Japan

(72)Name of Inventor: 1)OHYAMA Makoto 2)TABATA Yuji 3)IIDA Maiko 4)KANEDA Kaori

5)TAKAHATA Sho

(57) Abstract:

Provided is an anti Trichophyton agent having as an active ingredient a compound having a 2 (1H pyrazol 1 yl)phenol backbone represented by formula (I) or (II) or a salt of the compound.

No. of Pages: 83 No. of Claims: 10

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: ENGINE OPERATING STATUS INDICATION SYSTEM FOR AN AUTOMOTIVE VEHICLE

(51) International classification(31) Priority Document No(32) Priority Date	:NA :NA	(71)Name of Applicant: 1)TVS MOTOR COMPANY LIMITED Address of Applicant: JAYALAKSHMI ESTATES NO.29
(33) Name of priority country(86) International Application No	:NA :NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006. Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)THALAKKU PANDIAN MANIKANDAN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)BALAJI SRINIVASAN 3)RAGHAVAN VENKATESAN
(62) Divisional to Application Number Filing Date	:NA :NA	4)ARUMUGHAM SIVAKUMAR

(57) Abstract:

A feedback system for a two wheeler vehicle, to provide information to a rider about the optimum speed of a vehicle for better fuel economy. The real time process parameters engine load, engine speed and the gear positions are used for deciding the real time mode of operation of vehicle in any one of the two modes viz. economy and power mode. The real time process parameters engine load, engine speed and position of gear are stored in a lookup matrix or a lookup map to determine whether a vehicle is running in the economy mode or power mode and thus providing indications to the rider through a display in the instrument cluster of the vehicle.

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

(19) INDIA

(22) Date of filing of Application :02/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: VEHICLE SPLASH GUARD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:Japan :NA :NA	(71)Name of Applicant: 1)SUZUKI MOTOR CORPORATION Address of Applicant: 300 Takatsuka-cho, Minami-ku, Hamamatsu, Shizuoka, 432-8611, Japan (72)Name of Inventor: 1)Yoshiaki INOUE
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	

(21) Application No.3482/CHE/2013 A

(57) Abstract:

To provide a vehicle splash guard with which a gap to a sheet-metal component positioned at the edge of a rear wheel house of the vehicle can be provided. A splash guard 100 includes an elongate portion 108 that extends along a side sill 106, and a rear wall 110 that protrudes from a rear end of the elongate portion into a rear wheel house 104, wherein the rear wall covers a first flange 114 formed by folding over an edge of the rear wheel house 104 to a vehicle inner side, and a second flange 116 formed by folding over an edge of the side body outer panel 101 into the rear wheel house so as to overlap the rear side of the first flange, the rear wall covering the first flange and the second flange from behind with a clearance D disposed therebetween. The splash guard 100 further includes a pedestal 120 formed protruding from a region nearby the rear end of the elongate portion toward the side body outer panel, and a coupling portion 132 that couples the pedestal to the rear wall.

No. of Pages: 29 No. of Claims: 6

(22) Date of filing of Application :21/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: MOUNTING STRUCTURE FOR VEHICULAR INTERIOR MEMBER

(51) International classification(31) Priority Document No	:F16H :2013- 002542	(71)Name of Applicant: 1)SUZUKI MOTOR CORPORATION Address of Applicant: 300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:10/01/2013	Hamamatsu-shi, Shizuoka-Ken, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Ryotaro YASUHARA
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:

There is provided a mounting structure for a vehicular interior member, which is simple in construction, and is capable of reliably fixing the edge part of an interior member to an opening flange. [Solution] A mounting structure for a vehicular interior member includes an opening flange (10a) formed by joining an outer flange (11a) of an outdoor-side panel and an inner flange (12a) of an indoor-side panel to each other at the peripheral edge of a door opening, an opening trim (3) fitted to the opening flange, and an interior member (2) that covers the vehicle indoor side of the indoor-side panel. In the mounting structure, an insertion piece (21) extending from the edge part back surface of the interior member, together with the opening flange, is pinched by the opening trim. At the tip end of the insertion piece, a protrusion (22) capable of being locked to the edge end of the opening flange is formed, and by fitting the opening trim to the opening flange in the state in which the protrusion is locked, the edge part of the interior member is fixed to the opening flange.

No. of Pages: 20 No. of Claims: 5

(21) Application No.654/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: A DIETARY SUPPLEMENT CONTAINING FENUGREEK

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA	(71)Name of Applicant: 1)E.I.D. PARRY (INDIA) LIMITED Address of Applicant: 'DARE HOUSE', 4TH FLOOR, #234, N.S.C. BOSE ROAD, CHENNAI - 600 001 Tamil Nadu India
(86) International Application No Filing Date (87) International Publication No	:NA :NA :NA	(72)Name of Inventor: 1)DR. RAMANAN EZHIL ARASAN 2)MR. SAJIV KUMAR MENON
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA :NA	2)WR. SAJIV KUWAK WENON
Filing Date	:NA :NA	

(57) Abstract:

This invention relates to a method of preparing a prebiotic composition and a method of administering a prebiotic, a composition or a probiotic directly into the intestinal tract of mammal. These probiotic preparations to improve intestinal health and conditions related to microbial populations in the gastrointestinal tract of host humans and animals, and thereby improve the health. The invention discloses a dietary supplement containing fenugreek, probiotic blend, B Subtilis, L Plantarum Bg2 & B Lactis ss-72 with partially hydrolyzed fenugreek. In particular these probiotics are able to grow significantly better in the presence of non-probiotic microorganisms present in the intestinal tract.

No. of Pages: 10 No. of Claims: 4

(22) Date of filing of Application :26/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: PROCESS FOR PREPARING TENOFOVIR MULTIPARTICULATE COMPOSITION

(51) International classification(31) Priority Document No(32) Priority Date	:A61K 31/00 :NA :NA	(71)Name of Applicant: 1)MYLAN LABORATORIES LTD Address of Applicant: PLOT NO 564/A/22, ROAD NO 92, JUBILEE HILLS, HYDERABAD - 500 034 Andhra Pradesh
(33) Name of priority country	:NA	India
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)BAGUL, NILESH
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	2)JEGANATHAN, BALAMURUGAN 3)PAI, RAVEENDRA
Filing Date	:NA	4)CHAKRABORTY, SANTANU
(62) Divisional to Application Number Filing Date	:NA :NA	5)DESHMUKH, ABHIJIT MUKUND

(57) Abstract:

The invention relates oral multi-particulate formulation comprising tenofovir and optionally one or more pharmaceutically acceptable excipient(s), wherein said multi-particulate(s) comprising tenofovir are prepared by employing extrusion-spheronization process and further said multi-particulate(s) comprising tenofovir are coated with ethylcellulose or Eudragit® EPO or combination thereof, characterized in that the Eudragit® EPO and/or ethylcellulose coating layer is devoid of gastro-soluble pore-formers.

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

(21) Application No.4052/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/09/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: FLEXIBLE BUSBAR CONNECTORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H01R :61/700,116 :12/09/2012 :U.S.A. :NA :NA : NA :NA	<i>'</i>
		2)21(3 C \\ 224, Shaan, 1 \\
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A flexible electrical connector for electrical equipment is provided. The flexible electrical connector includes a flexible electrical conductor, a terminated end electrically and mechanically connected to the flexible electrical conductor, and a captive fastener for electrically and mechanically connecting the electrical equipment to the terminated end. The captive fastener is operably connected to the terminated end and includes a shaft operably connected to the terminated end, a rotatable member operably connected to the shaft, and a resilient member operably connected to the shaft and disposed between the rotatable member and the terminated end.

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

(22) Date of filing of Application :24/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : BEVERAGE PREPARATION DEVICE PROVIDED WITH A DISCHARGE THAT IS HEIGHT ADJUSTABLE BY HAND

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:02/02/2012 :WO 2012/108762 :NA :NA	(71)Name of Applicant: 1)BRAVILOR HOLDING B.V. Address of Applicant: Pascalstraat 20 NL 1704 RD Heerhugowaard Netherlands (72)Name of Inventor: 1)HUIBERTS Johannes Theodorus Emerentia 2)VERHOEVEN Romanus Eduard
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Beverage preparation device provided with a discharge (3) that is height adjustable by hand characterized in that the discharge (3) comprises an adjustment arm (9) that is hingeably attached to a housing (4) in a hinge point (5) with a supply end (9a) wherein the adjustment arm can be pressed down or pushed up which adjustment arm (9) at a delivery end (9b) is provided with a delivery head(6) with a delivery opening(7) wherein the delivery head(6) is pivotable around a pivot axis (2) arranged perpendicularly to the adjustment arm(9) by suspension from the adjustment arm (9) via hinge means (8a 8b) arranged at the delivery end (9b) and arranged at the pivot axis (2) in such a way that the delivery opening (7) when pivoting the adjustment arm (9) maintains a substantially constant orientation

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

(22) Date of filing of Application :07/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : ULTRA LOW ENERGY CONSUMING MIXIERS, GRINDERS, WASHING MACHINES, CENTRIFUGERS AND OTHER HOME APPLIANCES

(51) International classification	:H02K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)EESAVYASA TECHNOLOGIES PVT. LTD.,
(32) Priority Date	:NA	Address of Applicant :PLOT NO : 79, PHASE-III, SVCIE,
(33) Name of priority country	:NA	BALANAGAR, HYDERABAD, R. R. DISTRICT, ANDHRA
(86) International Application No	:NA	PRADESH-500037 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)D.P. CHAKRAVARTHY
(61) Patent of Addition to Application Number	:NA	2)BANDA RAVI SANKAR
Filing Date	:NA	3)DR. KUNAM SASIDHAR REDDY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In this method of invention, ultra-low energy consuming brushed and brush less DC motors are used to run mixies, grinders, washing machines and centrifuges. The specially designed DC motors will have extraordinary torque with higher RPM controlled solid state SMPS circuits. The special kind of DC motors are made up of unique formulation of Samarium/Lanthanum doped Boron Ferrite magnets with Graphite abrasive brushes.

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

(21) Application No.7334/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/08/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention : MULTIMODAL CONVERSATION STATE AND TRANSFER THROUGH CENTRALIZED NOTIFICATION

(51) International classification :H04W4/16,H04
(31) Priority Document No :12/723900
(32) Priority Date :15/03/2010
(33) Name of priority country :U.S.A.

(86) International Application No
Filing Date

(87) International Publication No

:PCT/US2011/028406
:14/03/2011
:WO 2011/115932

(87) International Publication No :WO 201 (61) Patent of Addition to Application Number :NA

Filing Date

(62) Divisional to Application Number
Filing Date

:NA

:NA

:NA

:H04W4/16,H04W4/08 (71)**Name of Applicant :**

1)MICROSOFT CORPORATION

Address of Applicant :One Microsoft Way Redmond

Washington 98052 6399 U.S.A.

(72)Name of Inventor: 1)BOYER Marc

2)LEVIN Danny

3)ELUMALAI Arulkumar 4)DESHPANDE Vinit

(57) Abstract:

A mechanism is provided for enabling subscribers of an enhanced communication system to switch endpoints during a conversation add or remove modalities invite new participants while continuing the conversation seamlessly. Active endpoints associated with a participant in a conversation may publish their states to a managing server and become aware of a status of the ongoing conversation. Subsequently the participants may seamlessly switch to another endpoint and continue the conversation using the other endpoint.

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

(22) Date of filing of Application :27/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: CURRENT-SOURCE POWER CONVERTING APPARATUS

(51) International classification(31) Priority Document No	:2012-	(71)Name of Applicant: 1)KABUSHIKI KAISHA YASKAWA DENKI
(32) Priority Date	046800 :02/03/2012	Address of Applicant :2-1, KUROSAKI-SHIROISHI, 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)YUSHI TAKATSUKA
(87) International Publication No	: NA	2)KATSUTOSHI YAMANAKA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a current-source power converting apparatus capable of reducing the amplitude of a common mode voltage. The current-source power converting apparatus includes an inverter and a drive controller. The inverter includes, in every output phase, a plurality of switching elements that are serially connected between the positive pole and the negative pole of a direct current source. The drive controller controls the inverter in accordance with a current command in an output mode of controlling the switching elements of different output phases for supplying current between the output phases and a short circuit mode of controlling the switching elements of the same output phase. An output phase in which the drive controller executes the short circuit mode is an output phase whose phase voltage or phase current has the minimum absolute value.

No. of Pages: 91 No. of Claims: 10

(21) Application No.1637/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :11/04/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: A DEVICE FOR CONTROLLING SPEED IN A MECHANICAL THROTTLE SYSTEM

(71) I	(71)NI 6 A 11
	(71)Name of Applicant :
(31) Priority Document No :NA	1)BOSCH LIMITED
(32) Priority Date :NA	Address of Applicant :POST BOX NO 3000, HOSUR ROAD,
(33) Name of priority country :NA	ADUGUDI, BANGALORE - 560 030 Karnataka India
(86) International Application No :NA	2)ROBERT BOSCH GMBH
Filing Date :NA	(72)Name of Inventor:
(87) International Publication No : NA	1)BHASKAR B L
(61) Patent of Addition to Application Number :NA	2)PRADEEP R
Filing Date :NA	3)SHREYAS MAYYA
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract:

A device 100 for controlling speed in a mechanical throttle system. The device 100 is connected to a first input cable 101 on one side and to a mechanical throttle on the other by a second cable 102. The device 100 comprises a hollow cylindrical shaft 103 with internal threads 103a and a partially threaded 103b outer surface forming a pinion. A first shaft 104 with threads 104a complementary to internal threads 103a of the cylindrical shaft 103 is positioned coaxially within the cylindrical shaft 103 and translates to and fro in the cylindrical shaft 103 along a fixed guide 105. A second shaft 106 with threads 106a couples with the pinion. An actuator 107 drives the second shaft 106. The rotation of second shaft 106 causes rotation of the cylindrical shaft 103, causing first shaft 104 to translate within the cylindrical shaft 103 to vary the cable length.

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

(22) Date of filing of Application :16/04/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: SCHEME FOR CONTROLLED DEFORMATION FEATURE IN SANDWICH PANEL

(51) International classification	·B64C27/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROTARY WING RESEARCH AND DESIGN CENTRE
(32) Priority Date	:NA	HINDUSTAN AERONNAUTICS LTD
(33) Name of priority country	:NA	Address of Applicant :AGM, DESIGN, RWRDC, HAL,
(86) International Application No	:NA	BANGALORE 560 017 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ROTARY WING RESEARCH AND DESIGN CENTRE
(61) Patent of Addition to Application Number	:NA	HINDUSTAN AERONAUTICS LTD
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

To improve the survivability of helicopters, design features are built in the structure in such a way that, in case of crash, the structure deforms in a controlled manner and absorbs energy. Several type of structural builds are possible. Sandwich panel are light weight designs used in helicopter structures, where in light weight core is embedded between two thin face sheets. The design of these panel for achieving controlled deformation is a new concept and is considered as innovation and has applications towards improved survivability.

No. of Pages: 7 No. of Claims: 2

(21) Application No.2049/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/05/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention: 2 STROKE ENGINE WITH FUEL INJECTION, ROCKING PORTS AND SEPARATE CHAMBER FOR PRE-COMPRESSION OF INLET AIRSTROKE IC ENGINE WITH ROCKING PORTS AND ANNULAR CHAMBER FOR PRE-COMPRESSION OF INLET AIR

(51) International classification	:F02B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)KUNNATH RAGHAVAN RAJAN
(32) Priority Date	:NA	Address of Applicant :12-B ABAD OLYMPUS,
(33) Name of priority country	:NA	RAGHAVAN PILLAI ROAD, EDAPALLY P.O., KOCHI - 682
(86) International Application No	:NA	024 Kerala India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KUNNATH RAGHAVAN RAJAN
(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 modified 2 Stroke IC engine with reciprocating slider valves to control inlet and exhaust ports, which are actuated by cams on crank shaft. The engine has rotary vane compressor to compress inlet air. The modified engine has fuel injector. The sequencing of operation is (i) exhaust port is opened to let out products of combustion (ii) then inlet port is open to let in fresh air alone (without fuel) to scavenge exhaust gases while exhaust port remains open (iii) then exhaust port is closed and inlet port remains open to continue airflow while fuel injection takes place. Then compression, ignition and combustion take place. The cycle continues. The modified 2 stroke IC engine works with least emission of pollutants, splash lubrication to avoid lub oil burning and better fuel efficiency.

No. of Pages: 5 No. of Claims: 4

(22) Date of filing of Application :10/06/2009 (43) Publication Date : 17/10/2014

(54) Title of the invention: PREPARATION OF 3, 4-DIHYDROISOQUINOLINES FROM AN ACID AND AN AMINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:10/12/2007 :(WO 2008/073390) :NA :NA	(71)Name of Applicant: 1)MALLINCKRODT INC., Address of Applicant:675 MCDONNELL BOULEVARD, HAZELWOOD,MO 63042 U.S.A. (72)Name of Inventor: 1)GROTE, CHRISTOPHER, W., 2)WANG,PETER, X., 3)MOSER, FRANK, W., 4)CANTRELL, GARY, L.,
Filing Date (62) Divisional to Application Number	:NA :NA	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Filing Date	:NA	

(57) Abstract:

The present Invention is directed to processes for the synthesis of morphinans. In particular, a process for coupling a carboxylic acid compound with an amine compound to form an amide product that can then be isolated or the crude arnide product can be cyclized to form a 3.4-dihydroisoquinoline. In one embodiment, the carboxylic acid contains a phenol moiety protected with a labile protecting group. The protected phenol reduces reaction times, simplifie|s work-up of the product, and reduces the amount of cyclizing agent, POCIathat is necessary to form the 3,4-dlhydroisoquinoline.

No. of Pages: 33 No. of Claims: 41

(21) Application No.884/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :28/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: ADVANCED PROTRACTOR SCALE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA :NA :NA :NA : NA :NA	(71)Name of Applicant: 1)SRS ENTERPRISES Address of Applicant: NO.2, GOLLARAHATTI, MAGADI MAIN ROAD, BANGALORE - 560 091 Karnataka India (72)Name of Inventor: 1)N. PRASANNA MURTHY 2)K. SANDEEP KUMAR
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract:

Every object in this universe has definite shape and has definite geometrical figure. These geometrical figures can be easily understood by the best use of this invention. An advanced protractor scale (fig-1).using this instrument very easy and quickly by performing the geometrical figures.

No. of Pages: 8 No. of Claims: 6

(22) Date of filing of Application :20/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: THREE-DIMENSIONAL BACKPLANE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 		(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO., LTD. Address of Applicant: Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129, P. R. China China (72)Name of Inventor: 1)CHEN, Songhai 2)TANG, Shiping
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An objective of the present invention is to provide a three-dimensional backplane to solve the problem that the number of layers of a printed circuit board for producing a backplane increases linearly along with the number of connectors. The three-dimensional backplane includes: a first group of connectors, a second group of connectors, a first group of printed circuit boards, and a second group of printed circuit boards. The first group of connectors and the second group of connectors are disposed on the first group of printed circuit boards and the second group of printed circuit boards is connected to any printed circuit board in the second group of printed circuit boards. Any connector in the second group of connectors is connected to any connector in the first group of connectors. With the foregoing solution, the number of wires on each printed circuit board is reduced, so that the number of layers of a printed circuit board for producing a backplane is reduced.

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

(22) Date of filing of Application :28/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : LIQUID SENDING PIPE FOR LIQUID CHROMATOGRAPH DETECTOR AND LIQUID CHROMATOGRAPH

(51) International classification	:G01N	(71)Name of Applicant:
(31) Priority Document No	:2012- 190484	1)SHIMADZU CORPORATION Address of Applicant :1, Nishinokyo-Kuwabara-cho,
(32) Priority Date		Nakagyo-ku, Kyoto-shi, Kyoto 6048511 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)WATANABE, Masato
Filing Date	:NA	2)GUNJI, Masahide
(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 heat insulating member 13 is provided on the outer circumference of a connection pipe 11. The heat insulating member 13 includes: a tube 12; and an air layer 15 between the connection pipe 11 and the tube 12. Accordingly, it is possible to always keep the temperature of a sample component at the time of detection by a detector constant and thus prevent an influence of the temperature on an output result of the detector, in a low flow rate analysis using a modularized column unit and a modularized detection unit.

No. of Pages: 19 No. of Claims: 6

(21) Application No.670/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: C-SHAPED SPACER FOR ROLLING BEARING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:12305176.5 :16/02/2012 :EPO :NA :NA : NA : NA	·
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The spacer is adapted for a rolling bearing comprising an inner ring, an outer ring and at least one row of contact rollers disposed between raceways provided on the rings. The spacer comprises opposite inner and outer portions 11,12 facing one another and a lateral portion 13 extending transversally between the inner and outer portions and connected to said portions. The inner and outer portions delimit together with the lateral portion a pocket 15 configured to receive a contact roller. The pocket 15 is laterally open on the side opposite to the lateral portion.

No. of Pages: 19 No. of Claims: 13

(21) Application No.708/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :18/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: PROCESS FOR THE PREPARATION OF OPTICALLY ACTIVE 3-QUINUCLIDINOL

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA	(71)Name of Applicant: 1)TYCHE INDUSTRIES LIMITED Address of Applicant: H.NO.: C-21/A, ROAD NO. 9, FILM NAGAR, JUBILEE HILLS, HYDERABAD - 500 096 Andhra
(86) International Application No Filing Date (87) International Publication No	:NA :NA :NA : NA	Pradesh India (72)Name of Inventor: 1)NARAYANA RAO MUTYALA
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA :NA	2)RAMADAS CHAVAKULA 3)SRINIVASA RAO CHENNUPATI 4)SANDEEP GOKARAJU
Filing Date	:NA	

(57) Abstract:

The present invention provides an improved process for producing an optically active quinuclidinol. More preferably, the present invention provides process for preparation of optically active quinuclidinol by resolution of racemic 3-quinuclidinol using a chiral acid.

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

(22) Date of filing of Application :28/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: HANDHELD MEDICAL IMAGING APPARATUS WITH CURSOR POINTER CONTROL

(51) International classification(31) Priority Document No(32) Priority Date	:A61B8/00 :NA :NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:NA	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SUNDARAN BABY SAROJAM, SUBIN
(87) International Publication No	: NA	2)KRISHNA KOMMU, MOHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A handheld ultrasound imaging apparatus for capturing images of a subject is disclosed. The handheld ultrasound imaging apparatus includes a display for displaying a diagnostic ultrasound image and a plurality of user interface (UI) objects. A housing for holding the display. Further a user input interface is configured in at least one of the display and the housing. The user input interface is operable by a user to control a pointer for providing user input at points on the display to perform one or more activities.

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

(22) Date of filing of Application :21/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : APPARATUS AND METHOD FOR PROVIDING INTERACTION INFORMATION BY USING IMAGE ON DEVICE DISPLAY

(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:10-2012- 0093291	1)SAMSUNG ELECTRONICS CO., LTD. Address of Applicant :129, Samsung-ro, Yeongtong-gu,
(32) Priority Date	:24/08/2012	Suwon-si, Gyeonggi-do 443-742, Republic of Korea
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor: 1)Bo-seok MOON
(86) International Application No	:NA	2)Hee-won JUNG
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	
7		•

(57) Abstract:

A method for providing interaction information, such as, for example, settlement information, by which a device provides the settlement information to a counterpart device, includes displaying an image which relates to an item to be used for performing the interaction, such as, for example, a credit card image of a credit card of a user of the device, on a lock screen of the device, and receiving a touch input from the user with respect to the credit card image. In the method, settlement information which corresponds to the touched credit card image is used for performing a settlement via the device.

No. of Pages: 72 No. of Claims: 30

(21) Application No.5944/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :24/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : HARMFUL ARTHROPOD CONTROL COMPOSITION AND METHOD FOR CONTROLLING HARMFUL ARTHROPODS

(51) International (71)Name of Applicant: :A01N47/40,A01N37/50,A01N43/56 classification 1)SUMITOMO CHEMICAL COMPANY LIMITED :2010289613 (31) Priority Document No Address of Applicant: 27 1 Shinkawa 2 chome Chuo ku Tokyo (32) Priority Date :27/12/2010 1048260 Japan (33) Name of priority (72)Name of Inventor: :Japan country 1)SAKAMOTO Emiko 2)SAKAMOTO Norihisa (86) International :PCT/JP2011/080021 Application No :26/12/2011 Filing Date (87) International :WO 2012/090911 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(57) Abstract:

This harmful arthropod control composition which contains the cyanamide compound indicated by formula (1) the anthranilamide compound indicated by formula (2) (in the formula the combination of R and R represents the combination of R being a methyl group and R being a chlorine atom or the combination of R being a methyl group and R being a cyano group) and at least one blast disease control composition selected from group (A) has superior control efficacy. Group (A) is the group comprising: isotianil probenazole tiadinil tricyclazole orysastrobin and pyroquilon.

No. of Pages: 27 No. of Claims: 5

(22) Date of filing of Application :24/07/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : SYSTEM AND METHOD FOR LOGISTICS OPTIMIZATION USING LANE ORDER PATTERN FLEXING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06E1/00 :61/435563 :24/01/2011 :U.S.A. :PCT/US2012/022391 :24/01/2012 :WO 2012/103111 :NA :NA	(71)Name of Applicant: 1)ARROWSTREAM Address of Applicant: 200 W. Monroe Suite 1000 Chicago IL 60606 U.S.A. (72)Name of Inventor: 1)LAVOIE Steven 2)SALE Shrinivas 3)SWIHART Michael Robb 4)VALSARAJ Varunraj 5)HENNINGTON Boyett Judson
Number Filing Date	*	4)VALSARAJ Varunraj 5)HENNINGTON Boyett Judson
(62) Divisional to Application Number Filing Date	:NA :NA	6)DEFRANCES Anthony 7)MICHALSKI John William

(57) Abstract:

A system and method is provided which determines optimal logistics solutions by allowing a purchaser of goods to vary order frequency and amount of goods ordered so as to lower logistics costs while still meeting inventory constraints. The logistics solution uses several models to search for the most optimal solution in any of a variety of metrics including total cost percentage trailer utilization number of truck used and miles driven.

No. of Pages: 65 No. of Claims: 20

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : SYSTEM AND METHOD FOR DOSING OF NON-FREE FLOW MATERIALS DURING ROOFING SHEET MANUFACTURE

(51) International classification	:E04D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AUTOSYS ENGINEERING PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :167, DELELOPED PLOTS,
(33) Name of priority country	:NA	ELECTRONIC INDUSTRIAL ESTATE, PERUNGUDI,
(86) International Application No	:NA	CHENNAI 600 096 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)G. PICHAIPILLAI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In one embodiment, a system for dosing of non-free flow materials comprises a storage hopper that receives the raw material and a regulating spreader associated with the storage hopper. The regulating spreader is associated with a specially configured screw feeder. The screw feeder also comprises a plurality of sections with differing flight configurations that ensures that the overall feed rate and low cycle time can be achieved without compromising on the cut- off accuracy. The fed raw material comes out into a weighing hopper comprising a collection chute, a load cell and a discharge gate. A programmable logic control (PLC) device is coupled to the system, said PLC device is programmed with a unique logic to control the feeding of non-free flow materials. In an alternate embodiment, the system comprises a huge bag handling assembly that is associated with the storage hopper and a flat belt conveyor assembly instead of the screw feeder.

No. of Pages: 22 No. of Claims: 16

(21) Application No.8855/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/11/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention: A DOSING AND DISPENSING DEVICE FOR LIQUID DETERGENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:22/06/2012 :WO 2012/175986 :NA :NA	(71)Name of Applicant: 1)RECKITT BENCKISER N.V. Address of Applicant: Siriusdreef 14 NL 2132 WT Hoofddorp Netherlands (72)Name of Inventor: 1)DI BONO Giuseppe 2)WIEDEMANN Ralf
	:NA :NA :NA	

(57) Abstract:

A dosing and dispensing device (1) for liquid detergent comprises a hollow body (2) having a portion (3) comprising a flexible material an opening (4) in said flexible portion and means (5) to spread at least a portion of the contained liquid detergent onto a surface of fabric. The opening is (progressively) opened when pressure is applied to said device on a surface to which the liquid detergent is applied. The opening is substantially closed when said pressure stops. The opening comprises a hinge valve..

No. of Pages: 14 No. of Claims: 13

(21) Application No.473/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: SPEED DETECTION SYSTEM

(51) I	110017	(71)NI BA 19 4
(51) International classification	:H02K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006. Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KUPPA VENKATA KALYANA KUMAR
(61) Patent of Addition to Application Number	:NA	2)MD AMIR KHAN
Filing Date	:NA	3)DAVINDER KUMAR
(62) Divisional to Application Number	:NA	4)YALAMURA RAMACHANDRA BABU
Filing Date	:NA	

(57) Abstract:

The present invention provides, a crankshaft instantaneous speed detection system for an internal combustion engine comprising, an alternator having stator coils generating pulse train at negative to positive zero crossings; and a variable reluctance (VR) sensor generating pulse per rotation; wherein, single pulse generated for one revolution is use to determine the completion of one rotation of crankshaft; and wherein the pulse train is use to determine the intra-rotation positions of the crankshaft.

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

(21) Application No.6381/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD FOR PRODUCING TARGET SUBSTANCE BY FERMENTATION PROCESS

(51) International classification :C12P13/04,C12N15/09,C12P21/02

(31) Priority Document No :2011025750 (32) Priority Date :09/02/2011

(33) Name of priority country: Japan

(86) International Application :PCT/JP2012/052947

No :09/02/2012 Filing Date

(87) International Publication :WO 2012/108493

No (61) Patent of Addition to :NA

Application Number
Filing Date

(62) Divisional to Application

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

(71)Name of Applicant:

1)KYOWA HAKKO BIO CO. LTD.

Address of Applicant: 1 6 1 Ohtemachi Chiyoda ku Tokyo

1008185 Japan

(72)Name of Inventor: 1)UJIHARA Tetsuro 2)ABE Tetsuva

3)YAGASAKI Makoto

(57) Abstract:

A method for efficiently producing a target substance said method comprising: culturing in a medium a coryneform bacterium which has lowered or no activity compared with a parent strain of a PTS protein relating to fructose uptake and is capable of producing the target substance; thus producing and accumulating the target substance in the culture medium; and then harvesting the target substance from the culture medium.

No. of Pages: 32 No. of Claims: 6

(21) Application No.6599/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: VOICE TRAFFIC GATEWAY

(51) International classification	:H04M7/00,H04L29/06	(71)Name of Applicant:
(31) Priority Document No	:1102869.3	1)BAE SYSTEMS PLC
(32) Priority Date	:18/02/2011	Address of Applicant :6 Carlton Gardens London SW1Y 5AD
(33) Name of priority country	:U.K.	U.K.
(86) International Application No	:PCT/GB2012/050347	(72)Name of Inventor:
Filing Date	:16/02/2012	1)SALTER Robert John
(87) International Publication No	:WO 2012/110818	2)JENNER Stephen Matthew Allan
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A voice traffic gateway (10) comprising a voice traffic input (12) a voice traffic output (14) a first domain router (16) non secure warning (NSW) tone application apparatus (18) and a signalling filter (20). The input (12) receives voice traffic comprising voice messages and signalling messages from a first traffic domain. The output (14) delivers output voice messages and signalling messages to a second different traffic domain. The first domain router (16) routes voice messages to the NSW apparatus (18) and routes signalling messages to the signalling filter (20). The NSW apparatus (18) applies a NSW tone to a received voice message to form an output voice message. The signalling filter (20) compares a feature of a received signalling message with a reference feature. The signalling filter (20) will pass a signalling message if the signalling message feature is the same as the reference feature and will block a signalling message if the signalling message feature is not the same as the reference feature.

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

(22) Date of filing of Application :28/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : MEDICAL IMAGING APPARATUS AND METHOD FOR IDENTIFYING STABLE IMAGES OF OBJECT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04N5/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A. (72)Name of Inventor: 1)VARNA, SRINIVAS 2)SINGHAL, NITIN
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(57) Abstract:

A medical imaging apparatus for capturing images of a subject is disclosed. The medical imaging apparatus includes an image capturing unit configured to capture a live image stream of an object associated with the subject. An image selection processor is communicably coupled to the image capturing unit. The image selection processor is configured to receive a plurality of image frames associated with the object. The plurality of image frames is of the live image stream. A stable image frame is selected from the plurality of image frames based on one or more image selection parameters. A memory is communicably coupled to the image capturing unit and the image selection processor and is configured to the store of the plurality of image frames.

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

(21) Application No.9074/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/11/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: BROKERED ITEM ACCESS FOR ISOLATED APPLICATIONS

(51) International

:G06Q50/00,G06F21/22,G06F17/40

classification

(31) Priority Document No :13/118158

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

:27/05/2011

(86) International Application :PCT/US2011/055529

:09/10/2011

Filing Date

(87) International Publication :WO 2012/166187

(61) Patent of Addition to

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

(57) Abstract:

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)MICROSOFT CORPORATION

Address of Applicant : One Microsoft Way Redmond

Washington 98052 6399 U.S.A.

(72)Name of Inventor:

1)BEAM Tyler K.

2)RADHAKRISHNAN Kavitha

3)KARAS Benjamin J.

4)BLANCH Katrina M.

5)WONG Lyon

6)KIM Allen T.

7)BALL Steven J.

8)LAURICELLA J. Tracv

9)GRAHAM Scott B.

10)MISHRA Manav

A broker module of a computing device receives requests from an isolated application to access one or more items of an item source. In response to a request storage item objects representing items of the item source are generated and returned to the isolated application for each item of the item source that the isolated application is authorized to access. Whether the isolated application is authorized to access a particular item can be based on particular item sources and/or particular item locations.

No. of Pages: 36 No. of Claims: 10

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: A METHOD FOR REMOTE GUIDANCE FOR VEHICLE DIAGNOSIS AND REPAIR

(51) International classification	:G01M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VAMSIDHAR SUNKARI
(62) Divisional to Application Number	:NA	2)PRAKASH VERMA
Filing Date	:NA	3)ANANDA PADMANABHAN KRISHNA IYENGAR

(57) Abstract:

The present invention discloses a method for guiding a workshop mechanic to connect specialized diagnostic equipment to the vehicle and to perform the diagnosis and repair. A communication link is established between the workshop and a remote location. Visual data is captured at the workshop and transmitted to a remote location where an expert is located. The expert is able to guide the mechanic by providing him with visual instructions indicating how the specialized workshop equipment needs to be connected with the vehicle and operated to perform the diagnostic procedures.

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

(21) Application No.863/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :27/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: PRECURSOR OF (METH)ACRYLAMIDE COMPOUND

(57) Abstract:

A compound represented by formula (1): wherein in formula (1), R1 represents a hydrogen atom or a methyl group; R2 represents an alkylene group having 1 to 8 carbon atom(s); X1 represents a halogen atom; k represents 0 or 1; m represents 0 or 1; n represents an integer of 0 to 8; and a plurality of Rxs, R2s, X, ks and ns may be the same or different from each other.

No. of Pages: 17 No. of Claims: 2

(22) Date of filing of Application :01/11/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: METHOD FOR THE PRODUCTION OF MARTENSITIC STEEL HAVING A VERY HIGH YIELD POINT AND SHEET OR PART THUS OBTAINED

(51) International classification :C21D6/00,C21D8/02,C21D9/46 (71) Name of Applicant:

(31) Priority Document No :PCT/FR2011/000295

(32) Priority Date :12/05/2011 (33) Name of priority country :France

(86) International Application No:PCT/FR2012/000156

Filing Date :20/04/2012

(87) International Publication No: WO 2012/153013

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)ARCELORMITTAL INVESTIGACIN Y DESARROLLO

Address of Applicant : CL/Chavarri 6 E 48910 Sestao Bizkaia

(72)Name of Inventor:

1)ZHU Kangving

2)BOUAZIZ Olivier

(57) Abstract:

The invention relates to a method for the production of a martensitic steel sheet having a yield point greater than 1300 MPa. The method comprises the following steps consisting in: supplying a semi finished steel product having a composition containing expressed as weight percent 0.15% = C = 0.40% 1.5% = Mn = 3% 0.005% = Si = 2% 0.005% = Al = 0.1% S = 0.05% P = 0.05%0.1% 0.025% = Nb = 0.1% and optionally 0.01% = Ti = 0.1% 0% = Cr = 4% 0% = Mo = 2% 0.0005% = B = 0.005% 0.0005% = Ca = 0.005% the remainder of the composition being formed by iron and the inevitable impurities resulting from production; heating the semi finished product to a temperature T between 1050°C and 1250°C and subsequently subjecting the heated semi finished product to rough rolling at a temperature T between 1050 and 1150°C with a cumulative reduction rate e greater than 100% such as to obtain a sheet having an austenitic structure that is not totally recrystallised with an average grain size of less than 40 micrometres and preferably less than 5 micrometres; and cooling the sheet such as to prevent the transformation of the austenite at a rate V greater than 2°C/s to a temperature T between 970°C and Ar3+30°C and subsequently subjecting the cooled sheet to final hot rolling at temperature T with a cumulative reduction rate e greater than 50% such as to obtain a sheet that is then cooled at a rate V above the critical cooling rate.

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

(19) INDIA

(22) Date of filing of Application :22/11/2013

(21) Application No.9406/CHENP/2013 A

(43) Publication Date: 17/10/2014

(54) Title of the invention: COOLERS WITH STORAGE HOOKS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:B65D25/32 :61/489480 :24/05/2011 :U.S.A. :PCT/US2012/039153	,
Filing Date	:23/05/2012	2)DUKE James B.
(87) International Publication No	:WO 2012/162398	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A cooler has a body that includes a bottom and at least one wall forming a cavity therein. The cooler can also include a lid rotatably or otherwise removably coupled to the wall of the body. The cooler also includes a spout provided in the lid for obtaining liquid stored in the cavity of the cooler body. The cooler also include a handle assembly rotatably coupled to either the lid or the body. The handle assembly include at least one handle arm having a first end rotatably coupled to either the lid or the body and a second distal end coupled to a handle. One or more hook features are coupled to rotatably coupled to slidably disposed within or generally provided with or adjacent to the handle.

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

(22) Date of filing of Application :23/08/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: SHIELDING STRUCTURE FOR POWER CONVERSION SYSTEM AND METHOD THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:201210309494.2 :27/08/2012 :China :NA	Address of Applicant :1 River Road, Schenectady, New York 12345, U.S.A (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:NA : NA :NA :NA	1)SHEN, Jie 2)WANG, Jun 3)SCHROEDER, Stefan 4)ZHANG, Fan
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An exemplary electromagnetic shielding structure is provided. The electromagnetic shielding structure includes a first shielding material disposed at a first location with respect to at least one radiation source and a second shielding material attached with the first shielding material by fastening means. The second shielding material is disposed at a second location with respect to the at least one electromagnetic radiation source so as to define a predetermined gap between the first shielding material and the second shielding material. The first shielding material shields at least part of first frequency electromagnetic radiations generated from the at least one electromagnetic radiation source and penetrating through the second shielding material and the predetermined gap. The second shielding material shields at least part of second frequency electromagnetic radiations generated from the at least one electromagnetic radiation source.

No. of Pages: 40 No. of Claims: 20

(21) Application No.568/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :11/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD FOR PURIFICATION OF PHENYLHYDRAZINE-BETA-CARBOXYLATE COMPOUND

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C07D209/00 :2012- 029135 :14/02/2012 :Japan :NA :NA	(71)Name of Applicant: 1)SUMITOMO CHEMICAL COMPANY, LIMITED Address of Applicant:27-1, SHINKAWA 2-CHOME, CHUO- KU, TOKYO 104-8260 Japan (72)Name of Inventor: 1)ISHIDA, HAJIME 2)KIKUCHI, YUTA
•		2)KIKUCHI, TUTA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a method for purification to obtain a purified product of a phenylhydrazine-(3-carboxylate compound (I) containing few impurities by efficiently separating and removing impurities contained in a crude product of the phenylhydrazine-p-carboxylate compound (I) while preventing loss of the phenylhydrazine-p-carboxylate compound (I). The method for purification of the phenylhydrazine-|3-carboxylate compound (I) includes mixing the crude product of the phenylhydrazine-(3-carboxylate compound (I) with water and an organic solvent separable from water in the presence of an acid, and then separating the mixture into an oil layer containing the phenylhydrazine-[3-carboxylate compound (I) and an aqueous layer.

No. of Pages: 35 No. of Claims: 7

(21) Application No.681/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: PENDULUM IGNITED ELECTRIC GENERATOR

(51) International classification	.001	(71)Name of Applicant
		(71)Name of Applicant:
(31) Priority Document No	:NA	1)B.M. RESEARCH LAB PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :12, KAMARAJ STREET,
(33) Name of priority country	:NA	MADIPAKKAM, CHENNAI - 600 091 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MATHAN BABU BASKAR
(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 battery is connected to the alternator through a timer circuit. The input is supplied to the alternator on specific fixed time frames. This input is supplied to enable the fly wheel suspended with desired weight to overcome the gravitational force and complete a full rotation. However, the fly wheel rotates for a few cycles over a period of time. During the first cycle, the alternator behaves likes a motor. In the contrary, for the remaining cycles, the alternator behaves like a generator. Thus the generated output energy is supplied to another battery. This is achieved in continuous cycles.

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

(22) Date of filing of Application :07/01/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : ULTRA LOW ENERGY CONSUMING AQUA FEED OR ANY SUCH MATERIAL DISTRIBUTION EQUPMENTS PLACED ON MOBILE BOATS

	G043.7	
(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)EESAVYASA TECHNOLOGIES PVT. LTD.,
(32) Priority Date	:NA	Address of Applicant :PLOT NO : 79, PHASE-III, SVCIE,
(33) Name of priority country	:NA	BALANAGAR, HYDERABAD, R. R. DISTRICT, ANDHRA
(86) International Application No	:NA	PRADESH-500037 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)D.P. CHAKRAVARTHY
(61) Patent of Addition to Application Number	:NA	2)BANDA RAVI SANKAR
Filing Date	:NA	3)DR. KUNAM SASIDHAR REDDY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In this method of invention, nano materials to be produced are continuously heat with laser diodes emitting pulsed laser beams. The entire system is placed in a vacuum system. During the ultra low time intervals laser ablations subjected to the target or stage materials, required nano metric lengths of products can be synthesized.

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

(21) Application No.961/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: ATTACHMENT WITH CUTTER FOR POWER SHOVEL

(-1) -		
(51) International classification	:B66C	(71)Name of Applicant :
(31) Priority Document No	:2011-	1)KABUSHIKI KAISHA MUROTO TEKKOSHO
(31) Thomas Document No	069376	Address of Applicant :1-3, KOGYODANCHI, KUSHI-
(32) Priority Date	:28/03/2011	MACHI, KOMATSU-SHI, ISHIKAWA Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)NISHIOKA, TAKAO
Filing Date	:NA	2)MOTO, YOSHIHIRO
(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 object of the present invention is to provide an attachment for a power shovel which is provided with a grapple mechanism and a cutler mechanism, can be used independently by the grapple and prevents craps from winding around a slide cylinder protion of the cutter. In an attachment attached to a leading end portion of an arm of a power shovel, a grapple portion is provided in an upper portion, and a cutter portion having a rotating blade is provided in a lower side of the grapple portion.

No. of Pages: 18 No. of Claims: 3

(21) Application No.4586/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :09/10/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: LIGHTING CONTROL SWITCH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:2012- 232375	(71)Name of Applicant: 1)PANASONIC CORPORATION Address of Applicant: 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan (72)Name of Inventor: 1)Kentaro UEHARA 2)Satoshi HIRATA
· /		<u> </u>
Filing Date	:NA	2)Satoshi HIRATA
(87) International Publication No	: NA	3)Shuji MATSUURA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The lighting control switch in accordance with the present invention inclues: a control unit configured to control a lighting load based on a detection result from a human sensor configured to judge whether a person is in a detection area; and a lower limit luminance setting unit configured to determine a lower limit luminance for the lighting load in response to a manual input from a user. The control unit is configured to, when the human sensor detects a person, starts to supply the lighting load electrical power corresponding to an initial luminance equal to the lower limit luminance or more, and subsequently increases, with time, the electrical power supplied to the lighting load up to electrical power corresponding to a desired luminance preliminarily determined.

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

(21) Application No.4668/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :17/10/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : INTERPHASE INSULATING SHEET FOR ROTATING ELECTRIC MACHINE, AND MOTOR-DRIVEN COMPRESSOR

(51) International classification	:H02K3/00	(71)Name of Applicant:
(31) Priority Document No	:2012-	1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
(31) Thomas Document No	245274	Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI,
(32) Priority Date	:07/11/2012	AICHI-KEN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)HORIBA, TATSUYA
Filing Date	:NA	2)OKUYAMA, SHINICHI
(87) International Publication No	: NA	3)HIRANO, TAIZO
(61) Patent of Addition to Application Number	:NA	4)FUKASAKU, HIROSHI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An interphase insulating sheet for a rotating electric machine includes a pair of insulating portions and a 5 plurality of bridge pieces. The insulating portions perform interphase insulation between coil ends of coils protruding from both ends of a stator core. Each insulating portion has bridge bases. The bridge pieces are each inserted in one of slots. Each bridge piece extends from a bridge base of one of 10 the insulating portions to a bridge base of the other insulating portion. Each insulating portion has an annular shape having stacked parts that include a bridge base and overlap with each other by a predetermined margin. In the circumferential direction of each insulating portion, the dimension of the stacked parts is set to be less than or equal to the dimension of the bridge pieces.

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

(19) INDIA

(22) Date of filing of Application :21/11/2013

(21) Application No.9340/CHENP/2013 A

(43) Publication Date: 17/10/2014

(54) Title of the invention: SYSTEM AND SYSTEM CONTROL METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:01/05/2012 :WO 2012/160978 :NA :NA :NA	(71)Name of Applicant: 1)NEC Corporation Address of Applicant: 7 1 Shiba 5 chome Minato ku Tokyo 1088001 Japan (72)Name of Inventor: 1)OGAWA Masatsugu 2)TANAKA Atsuhiro 3)MATSUDA Yuma 4)YANO Masafumi
Filing Date	:NA	

(57) Abstract:

The present invention addresses the problem of providing a system whereby using only a function relating to each element without using probability theory it is possible to operate the whole in a coordinated manner. This system comprises a plurality of function blocks which are inter related. The plurality of blocks further comprises: a storage unit having respectively corresponding evaluation functions; a profit maximization control unit which adjusts mutual operation levels with information relating to the evaluation functions of other function blocks which have relations with a host function block; a runtime interrupt problem resolution control unit which adjusts operation level alleviation by the profit maximization control according to the runtime state and interrupt state of the function block; and a constraint condition satisfaction control unit which adjusts the operation level of each function block based on a constraint condition to be satisfied with the function blocks overall.

No. of Pages: 58 No. of Claims: 20

(21) Application No.696/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :18/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: BEARING LOCKING MECHANISM

(51) T. (1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	DOT	(71) 1
(51) International classification	:B60T	(71)Name of Applicant:
(31) Priority Document No	:2012-	1)HONDA MOTOR CO., LTD.
(32) Priority Date	038542	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)FUKASAWA, SHIN
Filing Date	:NA	2)ASADA, HISAYUKI
(87) International Publication No	: NA	3)ASAI, YOSHIATSU
(61) Patent of Addition to Application Number	:NA	4)TAKEDA, MITSUHIRO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A bearing locking mechanism capable of surely preventing dropping of a bearing, without increasing size of a transmission, is provided. In a bearing locking mechanism in which a bearing G3c of a rotating body G3b axially supported by a transmission case 7 rotationally is prevented from dropping from the transmission case 7, a transmission 1 is equipped with a brake Bl provided so as to be adjacent to the bearing G3c, the brake Bl is equipped with a fixing member Bla to be fixed to the transmission case 7, and the bearing G3c is prevented from dropping from the transmission case 7 by the the fixing member Bla engaging with a side surface in an axial direction of the bearing G3c.

No. of Pages: 22 No. of Claims: 4

(22) Date of filing of Application :20/02/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention : SIGNJAL TRANSMISSION AND RECEPTION SYSTEM, INSTALLATION METHOD OF THE SYSTEM, AND PLANT APPLIED WITH THE SYSTEM

(51) International classification	:H04B1/00	(71)Name of Applicant:
(31) Priority Document No	:2012-	1)KABUSHIKI KAISHA TOSHIBA
(31) Thority Document No	034914	Address of Applicant :1-1, SHIBAURA 1-CHOME,
(32) Priority Date	:21/02/2012	MINATO-KU, TOKYO 105-8001 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)TOBO, MASAYUKI
Filing Date	:NA	2)MUKOYAMA, KENICHI
(87) International Publication No	: NA	3)OOKUMA, EIICHI
(61) Patent of Addition to Application Number	:NA	4)FUKUI, MAMORU
Filing Date	:NA	5)YABU, HIROKI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A signal transmission and reception system includes a transmitter adapted to transmit a signal by radio, and a receiver adapted to wirelessly receive the signal from the transmitter and transmit the signal to a monitoring and control device of a plant through a transmission cable connecting the receiver to the monitoring and control device, wherein the transmitter and the receiver are provided in the plant, and wherein the receiver is attached to a cable tray used to lay a cable other than the transmission cable.

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

(21) Application No.765/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: A COSMETIC COMPOSITION

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date :N	A Address of Applicant :CAVIN VILLE, NO.12, CENOTAPH ROAD, CHENNAI - 600 018 Tamil Nadu India (72)Name of Inventor : 1)THIAGARAJAN, LAKSHMI 2)KOMMINEDI, SIRISHA A 3)NAGARAJAN, RAJYASHREE A
(62) Divisional to Application Number :N. Filing Date :N.	

(57) Abstract:

A cosmetic composition selected from shampoos, conditioners adapted as conditioning enhancers for keratinic fibres, and when applied on keratinic fibres including hair imparts improved conditioning.

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

(22) Date of filing of Application :01/11/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: TRANSMISSION MECHANISM, SUBSTRATE POSITIONING DEVICE AND ROBOT

(51) International classification	:F16H	(71)Name of Applicant:
(21) Priority Dogument No.	:2012-	1)KABUSHIKI KAISHA YASKAWA DENKI
(31) Priority Document No	016871	Address of Applicant :2-1, KUROSAK-SHIROISHI,
(32) Priority Date	:30/01/2012	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)MASATOSHI FURUICHI
(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 transmission mechanism includes: a drive pulley which is provided on a drive shaft and has external teeth with a predetermined pitch width; a driven pulley which is provided on a driven shaft and has external teeth with the pitch width; and a belt having internal teeth with the pitch width which engage with the external teeth of the drive pulley and the driven pulley. Further, the belt includes subbelts having a periodic variation characteristic in which the pitch width varies periodically, and the sub-belts are arranged in a state where phases of the periodic variation characteristic thereof are shifted from each other

No. of Pages: 37 No. of Claims: 8

(21) Application No.750/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :21/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: MOTHER BOARD IN OPTICAL MEDIUM

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GIDUGU SATYA CHARAN
(32) Priority Date	:NA	Address of Applicant :SRI RATNA T.V. SHOWN ROOM,
(33) Name of priority country	:NA	CINE ROAD, TATIPAKA, E.G. DT 533 249 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)GIDUGU SATYA CHARAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		-

(57) Abstract:

A normal mother board consists many chips, which are soldered in a PCB board. This chips consists of different pins like data pins, voltage pins, etc., this pins communicate by a thin copper line, which was implemented by laser print. By replacing this copper line with a optical fibre. The communication speed can be increased between data pins of different chips. And in a optical motherboard data travellers in the form of light, it consists of a modulation chamber which increase the speed of light. And it also consists of a multiplex and a de-multiplex which adds and subtracts the siginals.

No. of Pages: 5 No. of Claims: 4

(21) Application No.9929/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/12/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: AN APPARATUS FOR FLEXOGRAPHIC PRINTING OF A WEB OF PACKAGING MATERIAL

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B41F5/24,B41F31/02,B41F31/28 :11510344 :03/11/2011 :Sweden	(71)Name of Applicant: 1)TETRA LAVAL HOLDINGS & FINANCE S.A. Address of Applicant: 70 Avenue Gnral Guisan CH 1009 Pully Switzerland
(86) International Application No Filing Date (87) International Publication No	:PCT/EP2012/071112 :25/10/2012 :WO 2013/064415	 (72)Name of Inventor: 1)ANDERSSON Ingvar 2)NYBORG Stefan 3)HERMANSSON Michael 4)-HMAN Peter
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application	:NA :NA	The first of the f
Number Filing Date	:NA :NA	

(57) Abstract:

The disclosure relates to an apparatus for flexographic printing of a web (16) of packaging material. The apparatus has an anilox roll (1) which is rotary in an ink pan or chamber (3) for picking up and transferring printing ink to a printing cylinder (2) which is rotary adjacent the anilox roll (1) and forms together with a counter pressure cylinder (17) rotary adjacent the printing cylinder (2) a nip through which the web (16) is led for receiving printing ink from the printing cylinder (2). In order to prevent printing ink from drying and adhering to the anilox roll the apparatus displays a spray or shower device (20) through which a cleaning fluid for the printing ink is applied on the circumferential surface of the anilox roll (1).

No. of Pages: 19 No. of Claims: 11

(21) Application No.9930/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: APPARATUS AND METHODS FOR IMPINGING A FLUID ON A SUBSTRATE

(51) International classification:B32B37/00,B32B37/04,B32B5/24 (71)Name of Applicant: (31) Priority Document No :13/160036 1)3M INNOVATIVE PROPERTIES COMPANY (32) Priority Date :14/06/2011 Address of Applicant :3M Center Post Office Box 33427 Saint (33) Name of priority country: U.S.A. Paul Minnesota 55133 3427 U.S.A. (86) International Application (72)Name of Inventor: :PCT/US2012/040682 1)BIEGLER Kristopher K. No :04/06/2012 Filing Date 2)GORMAN Michael R. (87) International Publication :WO 2012/173804 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Apparatus and methods for impinging a heated fluid onto the surface of a substrate and then locally removing the impinged fluid. The apparatus and methods may be used to heat a surface of a substrate e.g. so that the substrate can be melt bonded to another substrate.

No. of Pages: 44 No. of Claims: 25

(21) Application No.615/CHE/2013 A

(19) INDIA

(22) Date of filing of Application: 13/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: WIRE HARNESS HOLDER FOR AN INTERNAL COMBUTION ENGINE

(54) 5	D (0D 4 (100	(74)
(51) International classification	:B60R16/00	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)HONDA MOTOR CO., LTD.
(31) Thomas Bocument No	030670	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	:15/02/2012	MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)NAGASHIMA, HIROSHI
Filing Date	:NA	2)IMAI, TAKAHIRO
(87) International Publication No	: NA	3)HORISAKI, KOUSUKE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A wire harness holder (9) for an internal combustion engine is mounted on a head cover (5) of the engine to retain a wire harness (8) for providing an electric connection to fuel injection valves (6), and includes a main body (9a) defining a recess (11) for receiving the wire harness and a lid (9b) closing an open end of the recess, the lid including a first wall extension (12) extending substantially horizontally above the fuel injection valves, and the main body (9a) including a second wall extension (13) extending along a side of the fuel injection valves. These wall extensions are effective in blocking noises from the fuel injection valves.

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

(21) Application No.704/CHE/2013 A

(19) INDIA

(22) Date of filing of Application: 18/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: LUBRICATING STRUCTURE OF TRANSMISSION

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:2012- 035624	1)HONDA MOTOR CO., LTD. Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	:21/02/2012	MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)YANO, KEITA
Filing Date	:NA	2)MACHIDA, SHOJI
(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 lubricating structure of a transmission is capable of supplying a lubricating oil with respect to a clutch promptly and stably. The lubricating structure of the transmission includes a first oil passage 53 which extends in a second input shaft 18 from one end side thereof to a first position, and the lubricating oil is supplied from the one end side, a second oil passage 54 which connects to the first oil passage 53 at the first position and extends in the second input shaft 18 to a second position, a first lubrication hole 55 which distributes the lubricating oil to the second clutch 20 at the first position, and a second lubrication hole 56 which distributes the lubricating oil to a transmission mechanism 40 at the second position.

No. of Pages: 18 No. of Claims: 3

(22) Date of filing of Application :01/11/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: SYSTEM METHOD AND APPARATUS FOR AFTERTREATMENT SYSTEM MONITORING

(51) International classification	:F01N3/02	(71)Name of Applicant :
(31) Priority Document No	:61/472177	1)CUMMINS EMISSION SOLUTIONS INC.
(32) Priority Date	:05/04/2011	Address of Applicant :500 Jackson Street Columbus IN 47202
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/032436	(72)Name of Inventor:
Filing Date	:05/04/2012	1)WEI Xi
(87) International Publication No	:WO 2012/138936	2)EVERARD David
(61) Patent of Addition to Application	:NA	3)QI Baohua
Number	*	4)MCDANIEL Mickey R.
Filing Date	:NA	5)HODZEN Edmund P.
•	.NTA	·
(62) Divisional to Application Number	:NA	6)LI Guoqiang
Filing Date	:NA	

(57) Abstract:

A method includes determining whether a urea refill event is detected and clearing a quality accumulator value and clearing a latching abort command. The method includes determining whether urea fluid quality check abort conditions are met and clearing the urea quality accumulator latching the abort command and exiting the reductant fluid quality check. In response to the abort conditions not being met incrementing the urea quality accumulator according to an amount of urea being injected and comparing the accumulated urea quantity to a low test threshold. The method includes in response to the accumulated urea quantity being greater than the low test threshold comparing the accumulated urea quantity to a high test threshold and in response to the urea quantity being greater than the high test threshold determining whether the a NO exceedance is observed and clearing a urea quality error in response to the NO exceedance not being observed.

No. of Pages: 50 No. of Claims: 35

(21) Application No.9972/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/12/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: COMPOSITE COMPRESSOR IMPELLER WITH AN EROSION RESISTANT COATING AND METHODS OF MANUFACTURING

(51) International :F04D29/02,F04D29/28,B29C37/00 classification

(31) Priority Document No :CO2011A000021

(32) Priority Date :21/06/2011 (33) Name of priority country: Italy

(86) International Application :PCT/EP2012/061894

No :20/06/2012 Filing Date

(87) International Publication :WO 2012/175577

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

Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

(71)Name of Applicant: 1)NUOVO PIGNONE S.D.A

Address of Applicant : Via Felice Matteucci 2 I 50127

Florence Italy

(72)Name of Inventor: 1)GIOVANNETTI Iacopo 2)MASSINI Andrea

(57) Abstract:

Impellers made of composite materials with flow path cavities covered by an erosion resistant coating (20) are manufactured by covering removable molds (10) having shapes corresponding to a negative geometry of the flow path cavities with the erosion resistant coating using plating or thermal spraying. After shaping and curing a composite material (40) around the molds (10) covered with the erosion resistant coating (20) the molds are removed while the erosion resistant coating remains on the composite impeller.

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

(21) Application No.9865/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: NOVEL MARKING COMPOUND

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C09D11/00 :NA :NA :NA :NA :PCT/EP2011/063913 :12/08/2011 :WO 2013/023673 :NA :NA :NA	(71)Name of Applicant: 1)TETRA LAVAL HOLDINGS & FINANCE S.A. Address of Applicant: 70 Avenue Gnral Guisan CH 1009 Pully Switzerland (72)Name of Inventor: 1)JARVIS Anthony 2)WALKER Martin 3)OROURKE Adam 4)COOK Richard
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(57) Abstract:

Water soluble marking compounds comprising a transition metal oxyanion and at least one ammonium cation comprising a nitrogen atom at least one further group selected from the group consisting of OH COOH NH2 NHCalkyl and N(C alkyl) wherein the two Calkyl may be the same type of alkyl or different alkyls may be used to obtain clear imageable coatings.

No. of Pages: 23 No. of Claims: 19

(21) Application No.6340/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/07/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD AND APPARATUS FOR PROTECTING WIND TURBINES FROM FATIGUE DAMAGE

(51) International classification	:F03D7/02	(71)Name of Applicant:
(31) Priority Document No	:61/289, 865	1)VESTAS WIND SYSTEMS A/S
(32) Priority Date	:23/12/2009	Address of Applicant :Hedeager 44 DK 8200 Aarhus N
(33) Name of priority country	:U.S.A.	Denmark
(86) International Application No	:PCT/EP2010/070553	(72)Name of Inventor:
Filing Date	:22/12/2010	1)BOWYER Robert
(87) International Publication No	:WO 2011/076875	2)SPRUCE Christopher
(87) international 1 dollection (80)	A3	3)CREABY Justin
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A wind turbine has a Lidar device to sense wind conditions upstream of the wind turbine including wind speed direction and turbuience. Signals from the Lidar are processed to detect an event which could give rise to low cycle fatigue loading on one or more components of the wind turbine. On detection the system controller takes the necessary evasive action depending on the nature and severity of the extreme condition detected. This may include a significant reduction in power generated through reduction in rotor speed or torque complete shutdown of the generator and yawing of the nacelle and rotor in response to a change in wind direction.

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

(21) Application No.9787/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: INFORMATION PROCESSING DEVICE INFORMATION PROCESSING METHOD AND **COMPUTER PROGRAM**

(51) International :G06Q10/00,G06F17/30,G06N5/04 classification

(31) Priority Document No :2011131130

(32) Priority Date :13/06/2011 (33) Name of priority country: Japan

(86) International Application

:PCT/JP2012/064564 No

:06/06/2012 Filing Date

(87) International Publication :WO 2012/173027

(61) Patent of Addition to

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

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)SONY CORPORATION

Address of Applicant: 17 1 Konan Minato ku Tokyo 1080075

(72)Name of Inventor: 1)KURATA Masatomo 2)KATSU Masanori

3)OGATA Takashi

4)FUKUMOTO Yasutaka

(57) Abstract:

This information processing device comprises: an action recognition unit which recognizes a user s operation action on the basis of sensor information; and an action representation generation unit which analyzes the operation action data which denotes the user s operation action which is recognized by the action recognition unit and generates an action segment which is represented with a description of the meaning of the operation action from the operation action data.

No. of Pages: 123 No. of Claims: 18

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: CORRELATION IDENTITY GENERATION METHOD FOR CLOUD ENVIRONMENT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G01S :NA :NA :NA	(71)Name of Applicant: 1)P. ASHOK ANAND Address of Applicant:NEW NO 108, OLD NO 158, KUTCHERY ROAD, MYLAPORE, CHENNAI - 600 004 Tamil
(86) International Application No Filing Date	:NA :NA	Nadu India (72)Name of Inventor:
(87) International Publication No	: NA	1)P. ASHOK ANAND
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)GIRIBABU YERRADLA 3)GOWRI SHANKAR
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for generating correlation identity with respect to a client in order to thereby establish, integrate and communicate to a server within a cloud environment (e.g., Inswit,, Cloud). A service location identity can be generated with respect to a remote client by getting at least one service node of an appropriate service request made by the client device within the cluster of the cloud environment. A correlation ID/source ID can be thereafter generated based on the service location identity in order to serialize the payload and establish a connection with the server. The integration services with respect to the client device can be instantiated in order to thereby permit authenticated information flow within the cloud network. The messages including the information on the destination end points can be finally emanated out of the source end points to the destination end point by efficiently authenticating the client devices using the correlation ID.

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

(21) Application No.9347/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/11/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING AND CONTROLLING A STATIC FLUID PRESSURE THROUGH A VIBRATING METER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G01F1/84 :NA :NA :NA :NA :PCT/US2011/039611 :08/06/2011 :WO 2012/170020 :NA :NA	(71)Name of Applicant: 1)MICRO MOTION INC. Address of Applicant: 7070 Winchester Circle Boulder Colorado 80301 U.S.A. (72)Name of Inventor: 1)ZIMMER Patrick John 2)WEINSTEIN Joel
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for operating a fluid flow system (300) is provided. The fluid flow system (300) includes a fluid flowing through a pipeline (301) a first pressure sensor (303) located within the pipeline (301) and a vibrating meter (5). The vibrating meter (5) includes a sensor assembly (10) in fluid communication with the first pressure sensor (303). The method includes steps of measuring a pressure of the fluid within the pipeline (301) using the first pressure sensor (303) and measuring one or more flow characteristics of the fluid using the vibrating meter (5). The method further includes a step of determining a static pressure of the fluid based on the pressure of the fluid within the pipeline (301) and the one or more flow characteristics. The method further includes a step of determining if the fluid contains at least some gas based on the static pressure of the fluid.

No. of Pages: 36 No. of Claims: 27

(21) Application No.856/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :27/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: SYNCHRONIZER FOR TRANSMISSION

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	F16D23/00 2012- 046287 02/03/2012 Japan NA
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(57) Abstract:

A groove portion (13) is formed in an inner diameter end side (11b) of the spline tooth (11) included in a synchronizing sleeve (10), by hollowing a part of the inner diameter end side (11b) in an axis direction towards an outer diameter side. The inner diameter end side (11b) of the spline tooth (11) is in contact with and presses the synchronizing spring (40) from timing when the spline tooth (11) starts pushing aside a dog tooth (33) of a blocking ring (30) until the spline tooth (11) completes pushing aside of a dog spline (26). After completion of pushing aside of the dog spline (-26), the synchronizing spring (40) is in contact with a slope portion (13a) of the groove portion (13) until right before an in-gear state in which the spline tooth (11) completely meshes with the dog spline (26). In the in-gear state, the synchronizing spring (40) is placed in the bottom face portion (13b), which is the deepest part of the (groove portion (13). Therefore, durability of the synchronizing spring and a synchronizer is improved.

No. of Pages: 37 No. of Claims: 2

(22) Date of filing of Application :27/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: A NOVEL DNA BASED ENCRYPTION AND DECRYPTION SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:H04L :NA :NA :NA :NA	(71)Name of Applicant: 1)U. NOORUL HUSSAIN Address of Applicant: 28, HAJI HUSSAIN STREET, KOTTAKUPPAM - 605 104, VILLUPURAM DISTRICT Tamil Nadu India
Filing Date	:NA	2)T. CHITHRALEKHA
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)U. NOORUL HUSSAIN
Filing Date (62) Divisional to Application Number	:NA :NA	2)T. CHITHRALEKHA
Filing Date	:NA	

(57) Abstract:

DNA cryptography is a new instinctive cryptographic field emerged with the research of DNA computing, in which DNA is used as information shipper and the modern biological technology is used as accomplishment tool. DNA cryptography uses DNA as the computational tool along with the several molecular techniques to manipulate it. A novel, highly secure and dynamic DNA based encryption and decryption system and method is discussed herein. The encryption process and decryption processes of the present invention encode plain text into protein sequence or cipher text decode protein sequence or cipher text into plain text respectively using a newly developed DNA encoding table, amino acid encoding table. This cryptographic method is further in turn made highly secure involving clues from sender, receiver and the session.

No. of Pages: 65 No. of Claims: 7

(22) Date of filing of Application :24/09/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: A PROCESS FOR FRACTIONATING REFINED TRIGLYCERIDE OIL

(51) Intermedianal alassification	.C11D	(71)Nome of Applicant .
(51) International classification	:C11B	(71)Name of Applicant :
(31) Priority Document No	:PI	1)MALAYSIAN PALM OIL BOARD (MPOB)
(31) I Hority Document No	2013001144	Address of Applicant :No. 6, Persiaran Institusi, Bandar Baru
(32) Priority Date	:01/04/2013	Bangi, 43000 Kajang, Selangor Darul Ehsan, Malaysia
(33) Name of priority country	:Malaysia	(72)Name of Inventor:
(86) International Application No	:NA	1)Chong Chiew Let
Filing Date	:NA	2)Yeoh Chee Beng
(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 fractioning refined triglyceride oil. The process according to the present invention attains a reproducible crystallization by introducing a controlled temperature profile and ensuing crystal development that reduce the amount of entrapped olein inside the crystals or crystal aggregates. The process of the present invention may be used to fractionate refined and or refined, bleached and deodorized vegetable oils especially refined and or refined, bleached and deodorized palm oil.

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

(21) Application No.5984/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: SEMICONDUCTOR DEVICE

(51) International :H01L23/48,H01L25/07,H01L25/18 classification

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

(33) Name of priority country: NA

(86) International Application :PCT/JP2011/063246

:09/06/2011 Filing Date

(87) International Publication :WO 2012/169044 No

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

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

(71)Name of Applicant:

1)Mitsubishi Electric Corporation

Address of Applicant: 7 3 Marunouchi 2 chome Chiyoda ku

Tokyo 1008310 Japan (72)Name of Inventor:

1)OGA Takuya

2)SAKAMOTO Kazuyasu 3)SUGIHARA Tsuyoshi

4)KATO Masaki

5)NAKASHIMA Daisuke

6)JIDA Tsuyosi 7)TADA Gen

(57) Abstract:

Provided is a semiconductor device in which a first lead (11) is soldered to the bottom electrode (23) of a MOS FET (21) using first solder (51) the top electrode (22) of the MOS FET is soldered to an internal lead (31) using second solder (52) the internal lead is soldered to a projection (61) of the second lead using third solder (53) and the first lead second lead MOS FET and internal lead are molded integrally using sealing resin (41) wherein support members (54 55) are positioned inside the first solder and inside the second solder and the positions of the internal lead and the MOS FET are stabilized by way of self alignment.

No. of Pages: 47 No. of Claims: 13

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: MAINTAINING CACHE COHERENCY BETWEEN STORAGE CONTROLLERS

(51) International classification	:G06F11/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)LSI CORPORATION
(32) Priority Date	:NA	Address of Applicant :1320 RIDDER PARK DRIVE, SAN
(33) Name of priority country	:NA	JOSE, CALIFORNIA 95131 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PARAG R. MAHARANA
(87) International Publication No	: NA	2)PRADEEP R. VENKATESHA
(61) Patent of Addition to Application Number	:NA	3)NAGESH B. KOLLIPARA
Filing Date	:NA	4)SUBBURAJ RAMASAMY
(62) Divisional to Application Number	:NA	5)NITHIN SURENDRAN
Filing Date	:NA	

(57) Abstract:

Systems and methods maintain cache coherency between storage controllers utilizing bitmap data. In one embodiment, a storage controller processes an I/O request for a logical volume from a host, and generates one or more cache entries in a cache memory that is based on the request. The storage controller identifies a backup storage controller for managing the logical volume, and generates bitmap data that identifies cache entries in the cache memory that have changed since synchronizing with the backup storage controller. The storage controller provides the bitmap data to the backup storage controller to allow the backup storage controller to synchronize its cache memory with the cache memory of the storage controller based on the bitmap data.

No. of Pages: 25 No. of Claims: 18

(21) Application No.9246/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/11/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: STEEL WITH EXCELLENT ROLLING FATIGUE CHARACTERISTICS

(51) International classification (31) Priority Document No	n:C22C38/00,C22C38/60,C21D8/06 :NA	(71)Name of Applicant: 1)KABUSHIKI KAISHA KOBE SEIKO SHO
(32) Priority Date	:NA	Address of Applicant :10 26 Wakinohama cho 2 chome Chuo
(33) Name of priority country	:NA	ku Kobe shi Hyogo 6518585 Japan
(86) International Application No Filing Date	:PCT/JP2011/062000 :25/05/2011	(72)Name of Inventor : 1)KAIZUKA Masaki
(87) International Publication No	:WO 2012/160675	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This steel material with high manufacturability and improved rolling fatigue characteristics contains C:0.65 1.30% Si:0.05 1.00% Mn:0.1 2.00% P:0.050% or less (not including 0%) S:0.050% or less (not including 0%) Cr: 0.15 2.00% Al:0.010 0.100% N:0.025% or less (not including 0%) Ti:0.015% or less (not including 0%) O:0.0025% or less (not including 0%) with the remainder being iron and unavoidable impurities wherein the average circle equivalent diameter of an Al based nitrogen compound dispersed in the steel is 25 200nm and the number density of said Al based nitrogen compound having the 25 200nm circle equivalent diameter is 1.1 6.0 1/µm.

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

(22) Date of filing of Application :06/12/2011 (43) Publication Date : 17/10/2014

(54) Title of the invention : METHOD AND SYSTEM FOR OVING FIRMWARE OVER THE AIR SERVICE TO USER EQUIPMENTS

(51) International classification	·H04W	(71)Nome of Applicant
		(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG INDIA SOFTWARE OPERATIONS
(32) Priority Date	:NA	PRIVATE LIMITED
(33) Name of priority country	:NA	Address of Applicant :Bagmane Lakeview Block B No. 66/1
(86) International Application No	:NA	Bagmane Tech Park C V Raman Nagar Byrasandra Bangalore
Filing Date	:NA	560093 Karnataka India Madhya Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)HAMPALI Mallikarjuna
Filing Date	:NA	2)JAMADAGNI Satish Nanjunda Swamy
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and system for providing firmware over the air service to user equipments in a wireless network environment is disclosed. In one embodiment, a device management server sends a notification to a base station indicating availability of new firmware version for associated user equipments. The base station obtains a firmware update resource identifier from the device management server upon receiving the notification. Further, the base station fetches a firmware update associated with the new firmware version from a FOTA server and caches the firmware update in a cache memory. Thereafter, the base station sends a paging message indicating availability of the cached firmware update to the user equipments currently attached to the base station. Upon receiving a paging response from the respective user equipments, the base station transmits the cached firmware update to the respective user equipments over a wireless air interface.

No. of Pages: 30 No. of Claims: 23

(21) Application No.724/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :19/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: ROBOT HAND, ROBOT SYSTEM, AND METHOD FOR MANUFACTURING WORKPIECE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:2012- 115658	(71)Name of Applicant: 1)KABUSHIKI KAISHA YASKAWA DENKI Address of Applicant:2-1, KUROSAKI-SHIROISHI, YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806- 0004 Japan (72)Name of Inventor: 1)YUYA YASUDA
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	2)SHINJI MURAI 3)TOSHIMITSU IRIE
Filing Date	:NA	4)FUMINORI KUTSUKAKE
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This robot hand includes a first finger portion and a second finger portion being relatively movable in a direction in which an object to be grasped is grasped and bar-shaped claw members fixed to the first finger portion and the second finger portion. A plurality of claw members are fixed in parallel to at least either the first finger portion or the second finger portion

No. of Pages: 42 No. of Claims: 13

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: ELECTRONIC SWITCHING SYSTEM FOR GENERATING CORRELATION IDENTITY

(51) International classification :H04E (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)P. ASHOK ANAND Address of Applicant: NEW NO 108, OLD NO 158, KUTCHERY ROAD, MYLAPORE, CHENNAI - 600 004 Tamil Nadu India (72)Name of Inventor: 1)P. ASHOK ANAND 2)GIRIBABU YERRADLA 3)GOWRI SHANKAR
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(57) Abstract:

An electronic switching system for generating correlation identity (ID) with respect to a client in order to thereby establish, integrate and communicate to a server (lean server or nano server) within a cloud environment (e.g., Inswit,, Cloud). A service location identification module for identifying and generating a service location identity with respect to a remote client. A source ID generating module for generating a correlation ID/source ID based on the service location identity in order to serialize the payload and establish a connection with the server. The electronic switching system proposed herein operates external to the cloud environment by effectively generating the correlation identity with respect to a client device accessing the server in a cloud environment. The system also switches, integrates and executes client communications to an appropriate server in the cloud environment using the correlation ID.

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

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

(19) INDIA

(22) Date of filing of Application: 18/02/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: SEALANT&ADHESIVE USING GREEN PREPOLYMER

(51) International :C08G18/12,C08G18/42,C09J175/04 classification (31) Priority Document No :61/366695

(32) Priority Date :22/07/2010 (33) Name of priority

:U.S.A. country

(86) International :PCT/EP2011/062264 Application No

:18/07/2011 Filing Date

(87) International

:WO 2012/010559 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA (71)Name of Applicant:

1)CONSTRUCTION RESEARCH & TECHNOLOGY

GMBH

Address of Applicant :Dr. Albert Frank Str. 32 83308

Trostberg Germany (72)Name of Inventor: 1)VARKEY Jyothi

2) NEGINBHAI PATEL Jayesh

3)FERENZ Robert Louis

4)KNOLL Patrick

(57) Abstract:

Filing Date

A polyurethane prepolymer comprising the reaction product of a reactant formulation comprising a polyol entirely derived from a natural oil; a natural oil petroleum blend polyol; an isocyanate at least one catalyst drying agent and plasticizer wherein the prepolymer has a bio based content of from about 15% to about 75% by weight. The prepolymer may be used in adhesive or sealant compositions.

No. of Pages: 38 No. of Claims: 21

(21) Application No.1915/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :11/04/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention: INNER COWL STRUCTURE FOR AIRCRAFT TURBINE ENGINE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:b64d :13/862941 :15/04/2013 :U.S.A. :NA	(71)Name of Applicant: 1)MRA SYSTEMS, INC. Address of Applicant: 103 CHESAPEAKE PARK PLAZA BALTIMORE, MARYLAND 21220 U.S.A. (72)Name of Inventor:
Filing Date (87) International Publication No	:NA :NA	1)WOOLLEY, ALLEN MADSEN 2)WEIR, THOMAS JOSEPH
(61) Patent of Addition to Application NumberFiling Date(62) Divisional to Application Number	:NA :NA :NA	3)SCARR, ANTONY BRETT 4)JANZON, CAROL MARIE
Filing Date	:NA	

(57) Abstract:

An inner cowl structure for circumscribing at least a portion of a jet engine extending from an aircraft includes an apron configured to mount directly to the engine independent of the pylon and overly an upper portion of the jet engine, and an inner body configured to circumscribe a portion of the jet engine not circumscribed by the apron.

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

(22) Date of filing of Application :05/09/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: SPECTRAL SCENE SIMPLIFICATION THROUGH BACKGROUND SUBTRACTION

(51) International classification	:G01J3/00	(71)Name of Applicant:
(31) Priority Document No	:13/673052	1)GE Aviation Systems LLC
(32) Priority Date	:09/11/2012	Address of Applicant :3290 Patterson Avenue, SE Grand
(33) Name of priority country	:U.S.A.	Rapids, Michigan 49512-1991, USA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)OCCHIPINTI, Benjamin Thomas
(87) International Publication No	: NA	2)BUEHLER, Eric Daniel
(61) Patent of Addition to Application Number	:NA	3)SEBASTIAN, Thomas Baby
Filing Date	:NA	4)KUCZYNSKI, Konrad Robert
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Of The Invention A method of removing stationary objects from hyperspectral imagery, includes among other things, capturing a series of hyperspectral images of a target scene; determining at least one first hyperspectral image having no moving or new objects in the target scene; selecting the at least one first hyperspectral image; determining at least one second hyperspectral image having moving objects in the target scene; and subtracting the at least one first hyperspectral image from the at least one second hyperspectral image to create a background-subtracted hyperspectral image.

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

(22) Date of filing of Application :18/09/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: A METHOD FOR PRODUCING AN ADAPTIVE INFERRED CLUTCH ENGAGEMENT STATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:1217946.1 :08/10/2012 :U.K. :NA :NA	Dearborn, Michigan, United States of America (72)Name of Inventor: 1)Themi Philemon Petridis
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	2)Ian Halleron 3)David Hesketh 4)Urs Christen

(57) Abstract:

A method is disclosed in which a dataset of clutch pedal positions expected to result in a disengaged clutch state is produced that adapts itself to changes in a bite point of a clutch 8. The method adds the current clutch pedal position Pp to the dataset when the clutch engagement state is inferred to be disengaged and removes clutch pedal positions Ps that are more engaged than the current clutch pedal position Pp from the dataset when the clutch engagement state is inferred to be not disengaged. A method for stopping and starting an engine 10 that utilises the dataset to determine whether or not to start the engine 10 in response to a driver engine start request is also disclosed.

No. of Pages: 52 No. of Claims: 19

(21) Application No.4349/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :25/09/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention : DEVICE FOR MONITORING THE QUALITY OF MOVING LINEAR TEXTILE MATERIAL, PARTICULARLY YARN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B65H :PV 2012- 671 :02/10/2012 :Czech Republic :NA :NA	(71)Name of Applicant: 1)Rieter CZ s.r.o. Address of Applicant :of Moravska 519, 562 01, Usti Nad Orlici, Czech Republic (72)Name of Inventor: 1)SLOUPENSKY, Jiri 2)KOUSALIK, Pavel 3)RICHTER, Jan
(33) Name of priority country	:Czech	(72)Name of Inventor:
	Republic	
(86) International Application No	:NA	
\mathcal{C}		3)RICHTER, Jan
(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 monitoring the quality of moving linear textile material, particularly yarn (7), comprising a case (8), in which is arranged at least one image sensor (1), to which at least one source (3) of radiation is alignable or aligned. At least one sensor (4) of temperature and/or at least one heating member (6) is located in the inner space of the case (8).

No. of Pages: 11 No. of Claims: 5

(21) Application No.607/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :13/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: LOPAR SACRO ILIAC BELT

(51) International classification	:A61F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PUTHEN VEETTIL SHYAM PRASAD
(32) Priority Date	:NA	Address of Applicant :VAISHAKH, MADATHIL MUKKU,
(33) Name of priority country	:NA	CHEVAYOOR PO, KOZHIKODE 17 Kerala India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PUTHEN VEETTIL SHYAM PRASAD
(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 for treating low back pain is disclosed. It is a universal sacro iliac belt consisting of leather straps(fig:1), elastic straps (fig: 2), pad of cushion(fig:3) and Velcro adhesive straps (fig: 4]. This device tries provide total support to low back through out the day and night thus relieving the back pain without affecting the social and personal activities of the patient.

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

(21) Application No.9330/CHENP/2013 A

Address of Applicant: 1 route des Jeunes P. O. Box 239 CH

1)FIRMENICH SA

(72)Name of Inventor:

1211 Geneva 8 Switzerland

1)FANKHAUSER Peter

(19) INDIA

(22) Date of filing of Application :21/11/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: CYCLODODECADIENONE DERIVATIVES AS PERFUMING INGREDIENTS

(51) International classification :C11B9/00,A61K8/35,A61K8/49 (71)Name of Applicant: (31) Priority Document No :11170895.4

(32) Priority Date :22/06/2011 (33) Name of priority country :EPO

(86) International Application :PCT/EP2012/061554

No :18/06/2012 Filing Date

(87) International Publication No: WO 2012/175437

(61) Patent of Addition to :NA

Application Number :NA Filing Date

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

(57) Abstract:

The present invention relates to compounds of Formula (I) wherein one R group is a hydrogen atom and the other is a hydrogen atom or a C alkyl group; and each carbon carbon double bond of said compound independently from each other can be in a configuration Z or E or a mixture thereof; which are useful perfuming ingredients.

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

(21) Application No.792/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: DESALINATION OF SALTY DECOLOURISED WASTEWATERS WITH WASTE HOT FLUES

(51) International classification	:C02F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)K A VIJAYAKUMAR
(32) Priority Date	:NA	Address of Applicant :2/6A, THILAKAR STREET, NEAR
(33) Name of priority country	:NA	PANKAJAM SILKS, KALAPATTI, COIMBATORE 641 048
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)K A VIJAYAKUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Process for treatment of waste water The present application relates to an improved process for the treatment of industrial waste water, in particular the waste water generated in a textile industry.

No. of Pages: 13 No. of Claims: 5

(21) Application No.9597/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/11/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: LOCKABLE DISPENSING PACKAGE AND ACTUATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B65D83/22 :NA :NA :NA :NA :PCT/US2011/047440 :11/08/2011 :WO 2013/022452 :NA :NA :NA	(71)Name of Applicant: 1)APTARGROUP INC. Address of Applicant: 475 West Terra Cotta Suite E Crystal Lake IL 60014 9695 U.S.A. (72)Name of Inventor: 1)CHO Sean H. 2)WALTERS Peter J. 3)MARQUARDT Gerald J. 4)HALLMAN Paul E.
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(57) Abstract:

An actuator (18 18) is provided for actuating a valve (16) on a container (14) for dispensing a fluent product. The actuator (18 18) includes an exterior housing (40 40) and a rotatable member (42 42). The rotatable member (42 42) is located in an interior chamber (48) of the housing (40 40) and includes an engageable surface (54) located in a circumferentially extending window (50) of the housing (40 40) to be engaged by a user for movement of the engageable surface (54) within the window (50) between a locked position wherein movement of an actuator button (52) from an un actuated position to an actuated position is prevented and an unlocked position wherein movement of the actuator button (52) from the un actuated position to the actuated position is allowed to actuate the valve (16).

No. of Pages: 50 No. of Claims: 15

(21) Application No.7574/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/09/2013 (43) Publication Date: 17/10/2014

(54) Title of the invention: SWITCH

(51) International classification :H01H19/10,H01H19/64,H01H1/20

(31) Priority Document No :20110196 (32) Priority Date :07/06/2011

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

No :PCT/FI2012/050560

Filing Date :05/06/2012

(87) International Publication :WO 2012/168554

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

Filing Date
(62) Divisional to Application
Number
Filing Date

NA

NA

(71)Name of Applicant:

1)ABB OY

Address of Applicant: Strmbergintie 1 FI 00380 Helsinki

Finland

(72)Name of Inventor:
1)UITTO Oskari
2)SUUTARINEN Aki
3)KOLMONEN Rainer

(57) Abstract:

A movable contact for a rotary switch comprising a first contact and a second contact which first contact and second contact are arranged at distance from each other for receiving a stationary contact (11) between the first contact and the second contact. The second contact (27) is a spring element configured to bend when the stationary contact (11) is placed between the first contact (26) and the second contact (27) and to cause a pressing force to the stationary contact (11) after the stationary contact (11) has been placed between the first contact (26) and the second contact (27).

No. of Pages: 41 No. of Claims: 15

(21) Application No.9301/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :20/11/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: DEVICE WITH ECHOGENIC COATING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:07/05/2012 :WO 2012/154656 :NA :NA	 (71)Name of Applicant: 1)W. L. GORE & ASSOCIATES INC. Address of Applicant: 551 Paper Mill Road P. O. Box 9206 Newark DE 19714 9206 U.S.A. (72)Name of Inventor: 1)CULLY Edward H. 2)FLURY Keith M.
- 1 000000	:NA :NA	
Filing Date	:NA	

(57) Abstract:

Devices with enhanced visualization in ultrasound imaging are provided.

No. of Pages: 13 No. of Claims: 14

(22) Date of filing of Application :06/02/2013

(43) Publication Date: 17/10/2014

(54) Title of the invention: METHOD, DEVICE, ENCODER APPARATUS, DECODER APPARATUS AND AUDIO SYSTEM

(51) International classification	:H04S 3/02 (2006.01)	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(31) Priority Document No	:04103365.5	Address of Applicant :GROENEWOUDSEWEG 1, NL-5621
(32) Priority Date	:14/07/2004	BA EINHVDOVEN Netherlands
(33) Name of priority country	:EPO	2)DOLBY INTERNATIONAL AB
(86) International Application No	:PCT/IB2005/052254	(72)Name of Inventor:
Filing Date	:07/07/2005	1)VAN LOON, MACHIEL, W.
(87) International Publication No	:WO/2006/008683	2)BREEBAART, DIRK, J.
(61) Patent of Addition to Application	:NA	3)HOTHO, GERARD, H.
Number	:NA	4)SCHUIJERS, ERIK, G., P.
Filing Date	.NA	5)PURNHAGEN, HEIKO
(62) Divisional to Application Number	:575/CHENP/2007	6)RODEN, KARL, J.
Filed on	:01/01/1900	

(57) Abstract:

A method and a device are described for processing a stereo signal obtained from an encoder, which encodes an N-channel audio signal into spatial parameters (P) and a stereo down-mix comprising first and second stereo signals (Lo, RO). A first signal and a third signal are added in order to obtain a first output signal (Low), wherein the first signal (LOwL) comprises the first stereo signal (Lo) modified by a first complex function (gl), and the third signal (LOwR) comprises the second stereo signal (RO) modified by a third complex function (g3). A second signal and a fourth signal are added to obtain a second output signal (ROw). The fourth signal (ROwR) comprises the second stereo signal (RO) modified by a fourth complex function (g4), and the second signal (ROwL) comprises the first stereo signal (LO) modified by a second complex function (g2). The complex functions (g1,g2,g3,g4) are functions of the spatial parameters (P) and are chosen to be such that an energy value of the difference (LOWL-ROwL) between the first signal and the second signal is larger than or equal to the energy value of the sum (LowL+ROwL) of the first and the second signal, and the energy value of the difference (ROwR-LOwR) between the fourth signal and the third signal is larger than or equal to the energy value of the sum (ROwR+LOwR) of the fourth signal and the third signal.

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

(21) Application No.741/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :20/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: A SYSTEM FOR MEASURING AND REPORTING RESOURCE USAGE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:G06F :NA :NA :NA :NA	(71)Name of Applicant: 1)SUNIL GOPINATH Address of Applicant: 'MEENAKSHY', T.C. 27/991 (3) OLD COLLECTORATE JUNCTION, VANCHIYOOR, TRIVANDRUM - 695 035 Kerala India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SUNIL GOPINATH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system and method for measuring and reporting the renewable and non-renewable resources usage in an automated manner is provided. The system includes an AMI Meter for measuring resources usage and communicates to an AMI Server through multiple inbuilt communication facility. The AMI Server stores and process the data received from the AMI Meter for producing billing and control information. The informational messages are sent to the corresponding consumer AMI Meters and get updated in payment nodes by the AMI Server. The AMI Meter is also facilitated with auto registration (registering with server) and bi-directional metering features.

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

(21) Application No.755/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :21/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: GEAR SHIFT PROMPT SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA	(71)Name of Applicant: 1)TVS MOTOR COMPANY LIMITED Address of Applicant: JAYALAKSHMI ESTATES NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006. Tamil Nadu India (72)Name of Inventor: 1)SAMRAJ JABEZ DHINAGAR
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)03.23.23.20 03.22.22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

(57) Abstract:

The present invention relates to a gear shift prompt system for indicating to the rider the optimum gear position to be selected for transmission, in the running state of the vehicle. The gear shift prompt system has an electronic control unit (ECU) which accepts engine speed of the vehicle as input to calculate the sample average of engine speed and the variation in engine speed, and based on which it indicates the appropriate gear to be selected by the rider under different road conditions. Thus, the gear shift prompt system does not involve the use of a separate gear position sensor or a vehicle position sensor to prompt a gear shift.

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

(22) Date of filing of Application :26/09/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD AND APPARATUS FOR VARIABLE GLOSS REDUCTION

(86) International Application No Filing Date (87) International Publication No (81) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number Filing Date (83) International Application No Filing Date (84) International Publication No Filing Date (85) NA (72) Name of Inventor: (73) Name of Inventor: (74) Name of Inventor:	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:13629298 :27/09/2012 :U.S.A. :NA :NA :NA :NA :NA	CITY,CALIFORNIA 94404, USA (72)Name of Inventor: 1)WILLIAMS Leon
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(57) Abstract:

The smoothness of a toner layer is reduced and thus the gloss of a resulting print is reduced. A single toner, the original high gloss version, is enabled to print all images. A finishing option is provided which, through application of a combination of heat and pressure with a textured roller, reduces the specular gloss of the toner surface by imprinting a high frequency texture onto the smooth toner layer. By adjusting the temperature/pressure of the textured roller, the effective gloss of the press can be adjusted through software as desired.

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

(21) Application No.9201/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/11/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: ASSEMBLY OF TURRET AND LOW RADAR REFLECTION WEAPON

(31) Priority Document No	1:F41A23/24,F41A23/20,B63G1/00 :TO2011A000455 :25/05/2011	1)OTO MELARA S.P.A.
(32) Priority Date(33) Name of priority country		Address of Applicant :Via Valdilocchi 15 I 19136 La Spezia Italy
(86) International Application No Filing Date	:PCT/IB2012/000908 :08/05/2012	(72)Name of Inventor : 1)CHIAPPINI Andrea
(87) International Publication No	:WO 2013/050834	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An assembly of turret and low radar reflection weapon the assembly (10) comprising a turret. (100) and a weapon (200) associated thereto; the weapon (200) comprises a first rest configuration in which it is totally hidden inside the turret (100) and a second operating configuration in which at least part of a barrel of said weapon projects from said turret (100); the turret (100) presents hiding means (110 120 111 112; 121 122) for hiding said weapon (200); the hiding means are means with a low radar reflection shape.

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

(22) Date of filing of Application :04/12/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD FOR ASSEMBLING A HYBRID LITHIUM SUPERCAPACITOR

(71)Name of Applicant: 1)BLUE SOLUTIONS (51) International classification :H01G9/058 Address of Applicant :Odet F 29500 Ergue Gaberic France (31) Priority Document No :1155048 2)CENTRE NATIONAL DE LA RECHERCHE (32) Priority Date :09/06/2011 SCIENTIFIQUE (33) Name of priority country :France 3)UNIVERSITE FRANCOIS RABELAIS (86) International Application No :PCT/FR2012/050837 4)UNIVERSITE DORLEANS Filing Date :17/04/2012 (72)Name of Inventor: (87) International Publication No :WO 2012/172211 1)ANOUTI Mri"m (61) Patent of Addition to Application :NA 2)LEMORDANT Daniel Number 3)LOTA Grzegorz :NA Filing Date 4)DECAUX MOUEZA Cline (62) Divisional to Application Number :NA 5)RAYMUNDO PINERO Encarnacion Filing Date :NA 6)BEGUIN Fransois

(57) Abstract:

The invention relates to a method for developing a hybrid supercapacitor said method including: at least a step of assembling together a negative electrode made of at least one non porous carbon material and a positive electrode made of at least one porous carbon material said electrodes being separated from each other by means of at least one separator impregnated with a liquid electrolyte containing at least one lithium salt dissolved in at least one solvent; and then at least one first charging step wherein said method is characterized in that: a) the lithium ion concentration in the liquid electrolyte before the first charging step is greater than or equal to 1.6 mol/L; b) at least 50 wt % of the lithium salt of the liquid electrolyte contains a salt selected from among LiTFSI and the derivatives thereof; c) at least 80 vol % of the solvent of the liquid electrolyte contains a solvent selected from among cyclic alkyl carbonates acyclic alkyl carbonates lactones esters oxalanes and the mixtures thereof it being understood that at least 20 vol % of said solvent contains ethylene carbonate; d) the porous carbon material of the positive electrode is selected from among materials the mean size of the pores of which is greater than 0.7 nm and which has a specific surface area of more than 700 m/g; e) the non porous carbon material of the negative electrode is selected from among materials capable of inserting lithium ions and having a specific surface area of no more than 150 m/g; and f) after the assembly step the charging of said supercapacitor is carried out in a plurality of consecutive charging steps up to a maximum voltage (Umax) of between 4 and 5 volts the current density varying from 10 mA/g to 400 mA/g. Each charging step is separated from the following charging step by an intermediate step of self discharge or discharge at a current lower than 5 mA/g.

7) AZAIS Philippe

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

(22) Date of filing of Application :29/10/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: OUTDOOR UNIT OF AIR-CONDITIONING APPARATUS

(51) International classification	:F24F1/06	(71)Name of Applicant:
(31) Priority Document No	:2013- 004690	1)MITSUBISHI ELECTRIC CORPORATION Address of Applicant :7-3, MARUNOUCHI 2-CHOME,
(32) Priority Date		CHIYODA-KU, TOKYO 100-8310 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)ODAGI, HIROYUKI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

To obtain an outdoor unit of an air-conditioning apparatus which suppresses electrolytic corrosion of a heat exchanger and has high reliability. [Solution] An outdoor unit of an air-conditioning apparatus includes a partition plate 5 separating a blower chamber 70 and a machine chamber 80; a heat exchanger 1 having a header pipe 7; a base plate 3 on which the partition plate 5 and the heat exchanger 1 are placed; a first spacer 15 mounted on a portion of the header pipe 7 and covering the portion of the header pipe 7; and a fixing member 17 mounted on the first spacer 15 and fixing the heat exchanger 1 via the first spacer 15. The first spacer 15 is made of a resin or a metal that is less noble than a metal forming the heat exchanger 1.

No. of Pages: 32 No. of Claims: 6

(21) Application No.680/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/02/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : CHUNK POLYCRYSTALLINE SILICON AND PROCESS FOR CLEANING POLYCRYSTALLINE SILICON CHUNKS

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:10 2012 202 640.1	1)WACKER CHEMIE AG Address of Applicant :HANNS-SEIDEL-PLATZ 4, D-81737
(32) Priority Date	:21/02/2012	MUNCHEN Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)TRAUNSPURGER, GERHARD
Filing Date	:NA	2)FABRY, LASZLO
(87) International Publication No	: NA	3)PECH, REINER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Chunk polycrystalline silicon and process for cleaning polycrystalline silicon chunks. The invention provides chunk polycrystalline silicon having a concentration of carbon at the surface of 0.5-35 ppbw. A process for cleaning polycrystalline silicon chunks having carbon contaminations at the surface, comprising a thermal treatment of the polycrystalline silicon chunks in a reactor at a temperature of 350 to 600C, the polycrystalline silicon chunks being present in an inert gas atmosphere during the thermal treatment, and the polycrystalline silicon chunks after the thermal treatment having a concentration of carbon at the surface of 0.5-35 ppbw.

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

(21) Application No.9391/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/11/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: HYDROPHOBIC ACRYLIC INTRAOCULAR LENS MATERIALS

(51) International classification	:A61L27/16,C08L33/00	(71)Name of Applicant:
(31) Priority Document No	:61/492270	1)NOVARTIS AG
(32) Priority Date	:01/06/2011	Address of Applicant :Lichtstrasse 35 CH 4056 Basel
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/US2012/040246	(72)Name of Inventor:
Filing Date	:31/05/2012	1)AKINAY Ali E.
(87) International Publication No	:WO 2012/166948	2)LAREDO Walter R.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed are low tack hydrophobic high refractive index acrylic materials. These materials especially useful as intraocular lens materials contain one or more aryl acrylic hydrophobic monomers as principal device forming monomers a tack reducing macromer additive and a glistening reducing additive. In addition to their use as intraocular lens materials the present materials are also suitable for use in other implantable ophthalmic devices.

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

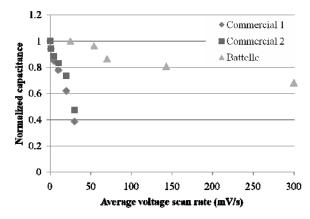
(22) Date of filing of Application :19/01/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: NICKEL-COBALT SUPERCAPACITORS AND METHODS OF MAKING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H01G 9/00 :61/227,407 :21/07/2009 :U.S.A. :PCT/US2010/042821 :21/07/2010 :WO/2011/011561 :NA :NA	(71)Name of Applicant: 1)BATTELLE MEMORIAL INSTITUTE Address of Applicant:505 King Avenue, Columbus, Ohio 43201-2693, U.S.A. (72)Name of Inventor: 1)RISSER, Steven, M.; 2)TAN Bing; 3)SPAHR Kevin B.; 4)CASTENADA-LOPEZ Homero; 5)MCGINNISS Vincent D.;
1 (41110 91	*	
Filing Date	:NA	

(57) Abstract:

Improved capacitors containing novel electrodes are described. One electrode composition comprises mixed metal oxides of the transition metals nickel and cobalt in a molar ratio of 0.5:1 or greater, and optionally containing a binder and carbon nanotubes. The resulting capacitors can be characterized by superior properties including higher specific capacitance values at higher voltage scan rates than the prior art. Methods of forming the electrodes that produce superior results are also described.



No. of Pages: 38 No. of Claims: 24

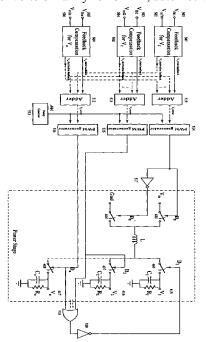
(22) Date of filing of Application :10/10/2011 (43) Publication Date : 17/10/2014

(54) Title of the invention: A MINIMIZED CROSS REGULATION CONTROL SCHEME FOR SINGLE-INDUCTOR MULTIPLE-OUTPUT DC-DC CONVERTER TOPOLOGIES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	1/32 :NA :NA	(71)Name of Applicant: 1)INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR Address of Applicant :SPONSORED RESEARCH &
(33) Name of priority country (86) International Application No	:NA :NA	INDUSTRIAL CONSULTANCY, INDIA INSTITUTE OF TECHNOLOGY, KHARAGPUR-721302, WEST BENGAL,
Filing Date	:NA	INDIA
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)PATRA, AMIT
Filing Date	:NA	2)PATRA, PRADIPTA
(62) Divisional to Application Number	:NA	3)GHOSH, JYOTIRMOY
Filing Date	:NA	

(57) Abstract:

The present invention relates to a single inductor dual output dc-dc converter with both the outputs being buck and a method of generating and controlling multiple dc buck outputs from a single dc source using said single inductor switching converter. More particularly, the present invention is directed to providing a control scheme for said single inductor multiple output dc-dc converter that nearly eliminates the cross-regulation effect amongst the coupled outputs thus ensuring a stable dynamic performance of the system. Importantly, a control mechanism is developed based on cross derivative feedback control, to stabilize the dual output converter, minimize cross regulation and tackle load disturbances in the outputs, ensuring independent control of each one of the outputs. Advantageously, the topology is extendable to 'n' outputs configuration with all buck outputs by adding switches from the output node of the inductor and in the parallel to the existing output switches. The control technique for SIMO dc-dc switching converter based on a ripple space model according to the present invention ensures a stable operation of the system for a wide range of loads with minimized cross-regulation during load transients. This invention thus provides the flexibility of simultaneously generating independently controlled buck outputs from a single dc source using a single inductor alongwith a control scheme that nearly eliminates the cross-regulation amongst the outputs which is suitable for production of a monolithic controller IC for controlling dc-dc converters mainly for OLED, automotive, portable applications, wireless sensors and also application in semiconductor industries.



No. of Pages: 28 No. of Claims: 14

(22) Date of filing of Application :24/07/2014 (43) Publication Date: 17/10/2014

(54) Title of the invention: CAST-IN STRUCTURE AND CAST-IN MOLD FOR VEHICLE COMPONENT

(51) International classification: B22D19/04,B60G7/00,B60G9/04 (71)Name of Applicant:

(31) Priority Document No :2011-286365 (32) Priority Date :27/12/2011 (33) Name of priority country :Japan

(86) International Application :PCT/JP2012/082722

:18/12/2012 Filing Date

(87) International Publication :WO 2013/099687

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)AHRESTY CORPORATION

Address of Applicant :1-38-1, Chuo, Nakano-ku Tokyo

1640011, JAPAÑ

2)YOROZU CORPORATION

(72)Name of Inventor: 1)Shunzo AOYAMA

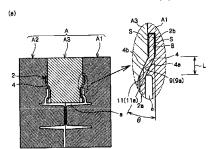
2)Yasushi KANNO

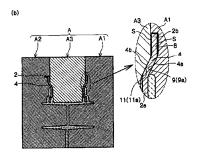
3)Masaharu MATSUMOTO

4)Sadahiro SEKINE

(57) Abstract:

The purpose of the present invention is to reliably prevent burr protrusions by appropriately taking the necessary gap in order to set a cast-in member in a cast-in mold and completely closing the gap when the cast-in mold is clamped, and to correct, regardless of manufacturing dimensional accuracy of the cast-in member, positioning (centering) of the cast-in relative to the die-cast component through the action of clamping the die-cast mold. During formation of the die-cast component (1), a steel plate cast-in member (2), which is cast in while leaving the side of the joined section (2b) joined with a steel plate joining member (3), is provided with a mold contact portion (4) in the border section between the side of the cast-in section (2a) cast into the die-cast component (1) and the side of the joined section (2b), and, by pressing into close contact when the cast-in mold (A) is clamped, the cavity (a), i.e., the gap (S) between the cast-in member (2) and the cast-in mold (A), is sealed and burr protrusions are prevented.





No. of Pages: 45 No. of Claims: 7

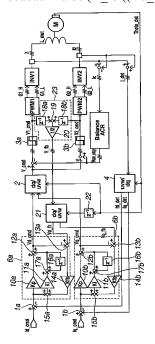
(22) Date of filing of Application :24/07/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention : APPARATUS FOR PARALLEL OPERATION OF PULSE WIDTH MODULATION POWER CONVERTERS

(51) International classification :H02M7/493,H02M7/48 (71)Name of Applicant : (31) Priority Document No 1)MEIDENSHA CORPORATION :2012-003739 (32) Priority Date Address of Applicant: 1-1, Osaki 2-chome, Shinagawa-ku, :12/01/2012 (33) Name of priority country Tokyo 141-6029 JAPAN :Japan (86) International Application No :PCT/JP2012/082055 (72)Name of Inventor: Filing Date :11/12/2012 1)Shizunori HAMADA (87) International Publication No :WO 2013/105382 2)Toshimichi TAKAHASHI (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The purpose of the present invention is to perform anti-windup processing without interfering with a cross-current compensation function even when voltage saturation occurs. The present invention is provided with a feedback value calculation unit which calculates, as a feedback value, the average value of voltage commands (V1_cmd and V2_cmd) after output limitation. The deviation used in the integration operation in current control units (6a, 6b) is calculated by adding a deviation between current command values (Id_cmd, Iq_cmd) and current detection values (Id_det, Iq_det) to a value which is obtained by multiplying a feedback gain (Kfb) by a saturated amount of the manipulated variable limited by the voltage command control units (3a, 3b) that is the deviation between a feedback value (V fb ((Vd fb, Vq fb)) and the voltage command (Vd cmd).



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

(21) Application No.1563/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/07/2014 (43) Publication Date: 17/10/2014

(54) Title of the invention: DRY POWDER FORMULATION COMPRISING A CORTICOSTERIOD AND A BETA-ADRENERGIC FOR ADMINISTRATION BY INHALATION

(51) International :A61K9/14,A61K31/167,A61K31/57

classification

:12152392.2 (31) Priority Document No (32) Priority Date :25/01/2012

(33) Name of priority :EPO

country

(86) International :PCT/EP2013/051187 Application No

:23/01/2013 Filing Date

(87) International

:WO 2013/110632 Publication No

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

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

(71)Name of Applicant:

1) CHIESI FARMACEUTICI S.P.A.

Address of Applicant: Via Palermo, 26/A, I-43100 Parma

ITALY

(72)Name of Inventor: 1)MONARI, Elisa

2) CANTARELLI, Anna Maria

3)COCCONI, Daniela 4)PASQUALI, Irene

(57) Abstract:

The invention relates to a dry powder formulation comprising corticosteroid and a beta2-adrenergic drug in combination, its process preparation, and therapeutic uses thereof.

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

(21) Application No.1564/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011 (43) Publication Date : 17/10/2014

(54) Title of the invention: ADD-ON HANDLE, HANDHELD POWER TOOL, SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B25F 5/02 :102010063912.5 :22/12/2010 :Germany :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)HILTI AKTIENGESELLSCHAFT Address of Applicant:FELDKIRCHERSTRASSE 100, 9494 SCHAAN LIECHTENSTEIN (72)Name of Inventor: 1)MARTIN, PAUL 2)HAMMERSTINGL, STEFAN
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(57) Abstract:

An add-on handle (10) that is configured to be connected to a handheld power tool (100) in a connection area of the tool, comprising a fastening element (11) configured to be attached to the connection area (102), and - a hoop-shaped grip (12) that is provided for handling purposes, and - a locking coupler (20) that connects the grip (12) and the fastening element (11). According to the invention, it is provided that, by rotating the grip (12) around an axis (120) of the locking coupler, the locking coupler (20) can be moved between a first position that especially attaches the fastening element (11) and a second position that especially detaches the fastening element (11), and the locking coupler (20) - has a first coupling part (21) that can be actuated via the grip (12) and a second coupling part (22) that is configured to change the position of the fastening element (11), whereby the first and second coupling parts (21, 22) engage axially with each other along the axis (120) of the locking coupler, forming a bayonet catch of the locking coupler (20) between the coupling parts (21, 22), whereby - the bayonet catch is configured with an engagement element (1) that can be moved so as to engage with a guide (2) in such a way that, when the engagement element (1) is moved between a first point of the guide (2) and a second point of the guide (2), the fastening element (11) is moved between the attaching position (A) and the detaching position (L).

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

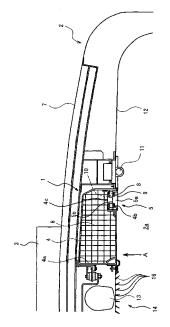
(22) Date of filing of Application :24/07/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention: AIR CONDITIONING SYSTEM, AND RAILROAD TRAIN PROVIDED WITH SAME

(51) International classification :B61D27/00,B60H1/00 (71)**Name of Applicant :** (31) Priority Document No :000000 1)KAWASAKI JUKOGYO KABUSHIKI KAISHA (32) Priority Date Address of Applicant: 1-1. Higashikawasaki-cho 3-chome. :12/01/2012 (33) Name of priority country Chuo-ku, Kobe-shi, Hyogo 6508670 JAPAN :Argentina (86) International Application No (72)Name of Inventor: :PCT/JP2011/007290 1)AZUMA, Takashi Filing Date :27/12/2011 (87) International Publication No :WO 2013/098878 2)OKAYAMA, Chihiro (61) Patent of Addition to Application 3)NITTA, Yutaka :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

An air conditioning system (1) is provided with an air conditioning duct (4) that is provided to a railroad car (2). The air conditioning duct (4) comprises a ventilation passage (4a) that extends in the longitudinal direction, and a nozzle (4c) linking the ventilation passage (4a) with the car interior (2a), and is configured in such a manner that conditioned air is supplied by an air conditioner (3) to the ventilation passage (4a). Furthermore, flow rate adjustment baffles (6) are provided to the ventilation passage (4a). The flow rate adjustment baffles (6) are in the vicinity of the location where the flow rate of conditioned air is quickest in the longitudinal direction, and are positioned on the downstream side of said location, and are configured in such a manner as to adjust the flow rate by inhibiting the flow of conditioned air inside the ventilation passage (4a).



No. of Pages: 35 No. of Claims: 10

(21) Application No.108/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012 (43) Publication Date : 17/10/2014

(54) Title of the invention: ELECTRIC DEVICE STATOR AND METHODS FOR WINDING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02K1/14 :0912759.8 :22/07/2009 :U.K. :PCT/IB2010/053295 :20/07/2010 :WO/2011/010281 :NA :NA :NA	(71)Name of Applicant: 1)CONTROL TECHNIQUES DYNAMICS LIMITED Address of Applicant: South Way Walworth Industrial Estate, Andover Hampshire SP10 5 AB, U.K. (72)Name of Inventor: 1)JAYASOMA, Sujitha; 2)PARSONS Andrew;
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(57) Abstract:

A stator segment having only one tooth section and a back iron section, the back iron section comprising a retainer interface, particularly a cut-out, having a dovetail shape.

No. of Pages: 29 No. of Claims: 24

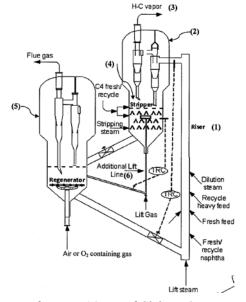
(22) Date of filing of Application :12/10/2011 (43) Publication Date : 17/10/2014

(54) Title of the invention: A PROCESS FOR PRODUCTION OF C3 OLEFIN IN A FLUID CATALYTIC CRACKING UNIT

(51) 7	G10G52/12	
(51) International classification	:C10G53/12	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN OIL CORPORATION LTD.
(32) Priority Date	:NA	Address of Applicant :INDIAN OIL BHAVAN, 2,
(33) Name of priority country	:NA	GARIAHAT ROAD (SOUTH), DHAKURIA, KOLKATA-
(86) International Application No	:NA	700068, WEST BENGAL, INDIA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MANOJ KUMAR BHUYAN
(61) Patent of Addition to Application Number	:NA	2)SATHEESH VK
Filing Date	:NA	3)DEBASIS BHATTACHARYYA
(62) Divisional to Application Number	:NA	4)SG BHANUPRASAD
Filing Date	:NA	5)SOMNATH KUKADE

(57) Abstract:

A process for increasing the yield of C3 olefin in fluidized bed catalytic cracking of hydrocarbon feedstocks is disclosed. C4 fraction produced from the cracking of hydrocarbon feedstock in the primary reaction zone (riser), optionally with external source of C4 stream is fed into the stripper which acts as a secondary reaction zone at an elevated temperature and at an optimum WHSV. The elevated temperature is achieved by injecting a part of the regenerated catalyst from regenerator, which is at a higher temperature, directly into the stripper through a dedicated additional lift line. This raises the activity of catalyst inside the stripper. The direct injection of regenerated catalyst into the stripper, besides producing higher yields of propylene, improves the stripping efficiency leading to enhanced recovery of strippable hydrocarbons.



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

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention: WARM PRESS FORMING METHOD AND AUTOMOBILE FRAME COMPONENT

(51) International classification :B21D22/20,B21D22/21 (71)Name of Applicant : (31) Priority Document No 1)JFE STEEL CORPORATION :2012-048724 Address of Applicant :2-3, UCHISAIWAI-CHO 2-CHOME, (32) Priority Date :06/03/2012 (33) Name of priority country CHIYODA-KU, TOKYO 1000011 JAPAN :Japan (86) International Application No (72)Name of Inventor: :PCT/JP2013/001318 1)TAMAI, YOSHIKIYO Filing Date :04/03/2013 (87) International Publication No :WO 2013/132823 2)TOKITA, YUICHI (61) Patent of Addition to Application 3)MINOTE, TORU :NA Number 4) FUJITA, TAKESHI :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

By the present invention, during forming of a steel sheet having a tensile strength of 400 MPa or greater into a press-formed part comprising a flange part and other portions by press forming, by heating the steel sheet to a temperature range of 400-700°C and then press forming the heated steel sheet using crash forming, at which time the average temperature difference between the flange part and the other portions of the press-formed part immediately after forming is kept to within 100°C, shape changes such as springback can be suppressed, the dimensional precision of a panel can be enhanced, and the desired mechanical characteristics can easily be obtained in the press-formed part.

No. of Pages: 47 No. of Claims: 12

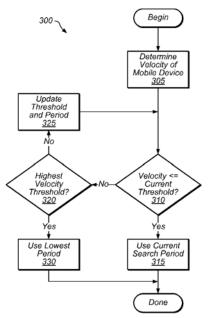
(22) Date of filing of Application :25/07/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention : METHOD FOR POWER SAVING FOR WIRELESS DEVICE IN DISCONTINUOUS RECEPTION MODE

(51) International classification :H04W52/02,H04W36/00 (71)Name of Applicant : (31) Priority Document No :61/616.794 1)APPLE INC. (32) Priority Date :28/03/2012 Address of Applicant: 1 INFINITE LOOP, CUPERTINO, (33) Name of priority country :U.S.A. CALIFORNIA 95014 U.S.A. (86) International Application No :PCT/US2013/033700 (72)Name of Inventor: Filing Date :25/03/2013 1)DAMJI, NAVID (87) International Publication No :WO 2013/148570 2)XING, LONGDA (61) Patent of Addition to Application 3)JI, ZHU :NA Number 4)SEBENI, JOHNSON O. :NA Filing Date 5)SHI, JIANXIONG (62) Divisional to Application Number :NA 6)KODALI, SREE RAM Filing Date :NA

(57) Abstract:

A methodology for determining a periodicity of a neighbor cell search for a cellular mobile device is disclosed. The neighbor cell searches may be conducted during discontinuous reception (DRX) paging cycles. However, instead of performing a neighbor cell search during each DRX paging cycle, the period for performing a neighbor cell search may be adaptively determined. Various metrics may be used in determining the periodicity for neighbor cell searches. In various embodiments, two or more metrics may be utilized in combination to determine the neighbor cell search periodicity.



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

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 17/10/2014

:NA

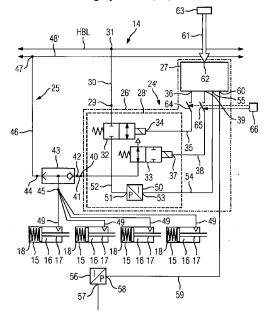
(54) Title of the invention: BRAKE ASSEMBLY OF A VEHICLE

(51) International classification :B60T13/66,B60T13/68 (71)Name of Applicant : (31) Priority Document No 1) SIEMENS AKTIENGESELLSCHAFT :102012202761.0 (32) Priority Date Address of Applicant: WITTELSBACHERPLATZ 2, 80333 :23/02/2012 (33) Name of priority country MÜNCHEN GERMANY :Germany (86) International Application No :PCT/EP2013/053037 (72)Name of Inventor: Filing Date :15/02/2013 1)JENS PETER LICHTERFELD (87) International Publication No :WO 2013/124213 2)MANFRED WIESAND (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

The invention relates to a brake assembly (14; 140; 240; 340) of a vehicle (1), having an electropneumatic braking device (26; 26) that has an electronic brake control (27) and an electropneumatic directional valve device (28; 28), wherein a pneumatic input (29) is connected to an output (31) of a primary vessel air line (HBL) of the vehicle (1), a shuttle valve (43) that is connected to a pneumatic output (40) of the electropneumatic braking device (26; 26) by a first input (42), and at least one braking cylinder (15) that acts on a braking mechanism (22). According to the invention, in order to design the brake assembly in a very simple manner and to optimize said assembly as part of a braking system for stopping the vehicle and for securing the vehicle at standstill, the at least one braking cylinder (15) is a passive braking cylinder, a second input (44) of the shuttle valve (43) is connected to a pneumatic output (47; 73) of an emergency release device (48; 48), and the output (45) of the shuttle valve (43) is connected to a pressure chamber (16) of the at least one braking cylinder (15).



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

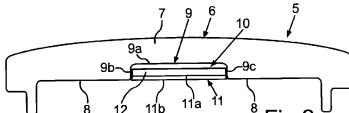
(22) Date of filing of Application :12/04/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : DOOR FOR A DOMESTIC COOLING APPLIANCE WITH AN AIR DUCT AND DOMESTIC COOLING APPLIANCE WITH SUCH A DOOR

(51) International classification(31) Priority Document No(32) Priority Date	23/00 :NA :NA	(71)Name of Applicant: 1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH Address of Applicant: CARL-WERY-STR.34,81739 MÜNCHEN GERMANY
(33) Name of priority country(86) International Application No	:NA :NA	(72)Name of Inventor : 1)RENÉ ALT
Filing Date (87) International Publication No	:NA : NA	2)CHRISTOPH BECKE 3)MAX EICHER
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)CHRISTINE HARTWEIN 5)PHILIPP KLEINLEIN
(62) Divisional to Application Number Filing Date	:NA :NA	6)RALPH STAUD 7)THOMAS TISCHER

(57) Abstract:

The invention relates to a door (5) for a domestic cooling appliance (1), with an inner wall (8), wherein in the inner wall (8) a recess (9) is formed, in which an air duct (10) for the introduction of cold air into an interior (4) of the domestic cooling appliance (1) delimitable by the door (5) is formed without protrusions from the inner wall (8). The invention also relates to a domestic cooling appliance (1) with a door (5).



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

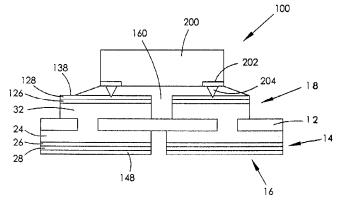
(22) Date of filing of Application :10/04/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention: A CONTACT SMART CARD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:G06K 19/00 :201310125487.1 :11/04/2013 :China :NA :NA : NA	(71)Name of Applicant: 1)JOHNSON ELECTRIC S.A. Address of Applicant :BAHNHOFSTRASSE 18, CH-3280 MURTEN SWITZERLAND (72)Name of Inventor: 1)SALLE VINCENT DANIEL JEAN 2)LOI TECK DE 3)DEMASO ARTHUR
		· /

(57) Abstract:

A contact smart card has a smart card contact pad and an IC chip. The smart card contact pad includes a circuit substrate, a card-reader contact element on a first side of the circuit substrate, and a connection element on a second side of the circuit substrate. The card-reader contact element has a noble metal electrically conductive surface, and the connection element has a chip terminal connection surface which is not a noble metal. The IC chip is preferably flip-chip mounted at the second side of the circuit substrate and electrically connected to the chip terminal connection surface. Furthermore, the chip terminal connection surface is preferably an organometallic electrically conductive corrosion protection layer.



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

(12) THIENT THE EIGHTION TO BEIGHTIN

(21) Application No.460/KOL/2014 A

(19) INDIA

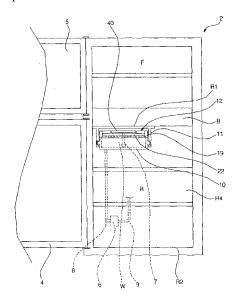
(22) Date of filing of Application :16/04/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention: REFRIGERATOR

(51) International classification	:F25D	(71)Name of Applicant:
(31) international classification	23/00	1)LG ELECTRONICS INC
(31) Priority Document No	:10-2013-	Address of Applicant :128,YEOUI-
(31) I Hority Document No	0041702	DAERO, YEONGDEUNGPO-GU, SEOUL 150-721, REPUBLIC
(32) Priority Date	:16/04/2013	OF KOREA
(22) Nama of priority country	:Republic	(72)Name of Inventor:
(33) Name of priority country	of Korea	1)JIMIN YOU
(86) International Application No	:NA	2)SIYEON AN
Filing Date	:NA	3)YONGHYUN KIM
(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	
(5-5) 4.1		•

(57) Abstract:

A refrigerator includes a water tank supporter arranged in a cabinet, a water tank that is connected to the water tank supporter and that defines a cavity, and a water supply platform that is movably connected to the water tank. The water supply platform includes a body portion that has a water inlet, a water outlet configured to discharge water to the cavity, and a water supply flow passage connected between the water inlet and the water outlet. The water supply platform also includes a movable portion configured to move the body portion such that the water inlet moves from an inside of the cabinet to an outside of the cabinet or vice versa.



No. of Pages: 60 No. of Claims: 33

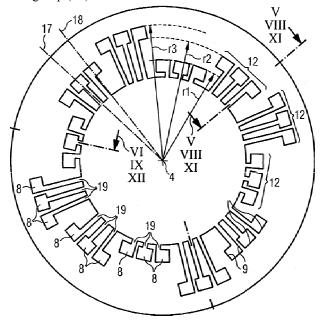
(22) Date of filing of Application :11/03/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention: ELECTRIC MACHINE HAVING A STATOR WITH A VARIABLE SLOT SPACING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H02K1/16 :10 2011 083 577.6 :28/09/2011 :Germany :PCT/EP2012/067287 :05/09/2012 :WO 2013/045240 :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 München Germany (72)Name of Inventor: 1)WÖHNER Norbert
- 1 000000	*	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An electric machine has a stator (1) and a rotor (2). The stator (1) is arranged around an axis of rotation (4) and extends in the direction of the axis of rotation (4) from a first axial end (5) via a central region (6) to a second axial end (7). The stator (1) has slots (8) which each extend from the first to the second axial end (5 7) of the stator (1). The windings (11) of a three phase winding system are arranged in the slots (8). The slots (8) are delimited radially outwards by a respective slot base (10). The slots (8) form slot groups (12) when viewed around the axis of rotation (4). A radial spacing (r1 r2 r3) which the slot bases (10) have from the axis of rotation (4) at least at the axial ends (5 7) of the stator (1) is constant within the respective slot group (12) but varies from slot group (12) to slot group (12).



No. of Pages: 26 No. of Claims: 14

(21) Application No.571/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/03/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention: A WEAR TIP HOLDER FOR A VSI CRUSHER A KIT COMPRISING A WEAR TIP HOLDER AND A METHOD OF REDUCING THE WEAR RATE OF A WEAR TIP HOLDER

:B02C13/18,B02C13/28 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)SANDVIK INTELLECTUAL PROPERTY AB :11182571.7 (32) Priority Date :23/09/2011 Address of Applicant :S 811 81 Sandviken Sweden (33) Name of priority country (72)Name of Inventor: :EPO (86) International Application No 1)DALLIMORE Rowan :PCT/EP2012/066753 Filing Date :29/08/2012 2)KJAERRAN Knut 3)FORSBERG Andreas (87) International Publication No :WO 2013/041335

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

(57) Abstract:

A wear tip holder for holding a wear tip adjacent to an outflow opening of a vertical rotor wall of a rotor of a VSI crusher comprises a mounting plate (44) for mounting the wear tip holder (32) to said rotor wall the mounting plate (44) having a mounting face for facing the rotor wall to which it is to be mounted and a wear face (54) for facing the interior of the rotor. The wear face (54) is provided with at least one material retention hole (58) for retaining at the wear face (54) at least one of a wear resistant insert and material to be crushed.

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

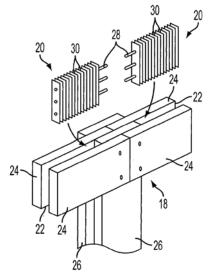
(22) Date of filing of Application :25/07/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention: COOLING APPARATUS FOR SWITCHGEAR WITH ENHANCED BUSBAR JOINT COOLING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H01H 9/52 :13/426,651 :22/03/2012 :U.S.A. :PCT/EP2013/055997 :21/03/2013 :WO 2013/139942 :NA :NA	(71)Name of Applicant: 1)ABB TECHNOLOGY AG Address of Applicant: AFFOLTERNSTRASSE 44, CH-8050 ZURICH SWITZERLAND (72)Name of Inventor: 1)KAUFMANN, PATRIK 2)MOLITOR, FRANCOISE
(61) Patent of Addition to Application	:NA	2)WOLITOR, FRANCOISE
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A cooling apparatus is provided for a switchgear having at least one primary contact to connect to a terminal of a circuit breaker, with a busbar joint connected to the primary contact. The cooling apparatus includes an evaporator associated with the primary contact. A condenser is located at a higher elevation than the evaporator. Heat pipe structure fluidly connects the evaporator with the condenser. Heat transfer structure is coupled with the busbar joint for removing heat from the busbar joint. Working fluid is in the evaporator so as to be heated to a vapor state, with the heat pipe structure transferring the vapor to the condenser and passively returning condensed working fluid back to the evaporator for cooling the at least one primary contact.



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

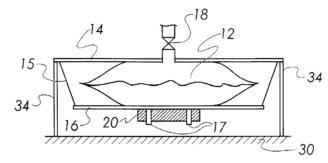
(22) Date of filing of Application :25/07/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention: SAMPLING DEVICE.

(51) International classification	:G01N 1/22,B65D 85/00	(71)Name of Applicant : 1)NEXTTEQ, LLC
(31) Priority Document No	:61/580,863	Address of Applicant :8406 BENJAMIN ROAD, SUITE J,
(32) Priority Date	:28/12/2011	TAMPA, FL 33634 U.S.A.
(33) Name of priority country	:U.S.A.	2)MIHAYLOV, GUEORGUI M.
(86) International Application No	:PCT/US2012/071994	3)TRUEX, BRYAN, I.
Filing Date	:28/12/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/102028	1)MIHAYLOV, GUEORGUI M.
(61) Patent of Addition to Application	:NA	2)TRUEX, BRYAN, I.
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Sampling devices are used to obtain samples of fluids to be analyzed and to determine the composition of the fluid in the sampled environment. A sampling apparatus with an inflatable sample bag used to collect and store liquid, air, vapor, and or gas samples by drawing the sample into the bag through an inlet, a sorbent tube, cassette, and/or other collection media is described. The means for extracting the sample and moving it into the sample bag comprises means for expanding the volume of a sample bag and creating a vacuum or reduced pressure within the sample bag. The means for expanding the include separating walls of a sample bag by use of gravity, pneumatic pressure, a biasing force, hydraulic force, for example or increasing the volume of a sample bag retaining container by such forces. Such sampling apparatuses do not require use of a sampling pump.



No. of Pages: 37 No. of Claims: 57

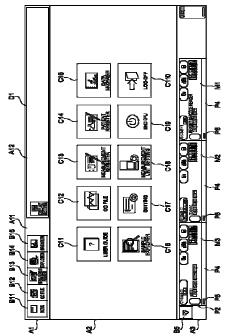
(22) Date of filing of Application :22/10/2011 (43) Publication Date : 17/10/2014

(54) Title of the invention: SAMPLE ANALYZER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:2010- 243033 :29/10/2010 :Japan :NA :NA :NA	(71)Name of Applicant: 1)SYSMEX CORPORATION Address of Applicant:5-1, Wakinohama-Kaigandori 1-chome, Chuo-ku, Kobe-shi, Hyogo 651-0073 JAPAN (72)Name of Inventor: 1)ARIYOSHI, Shunsuke
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A sample processing apparatus includes: a first sample processing unit; a second sample processing unit; and a data processing unit connected to the first and the second sample processing units. The data processing unit includes: a display device; an input device; and a controller configured to show a screen image on the display device, wherein the screen image comprises a shared region which is shared for displaying information of each of the first and the second sample processing units, a first operation section operable by a user to control the first sample processing unit and a second operation section operable by the user to control the second sample processing unit, and control the first sample processing unit in response to an operation of the first operation section, and control the second sample processing unit in response to an operation section.



No. of Pages: 62 No. of Claims: 21

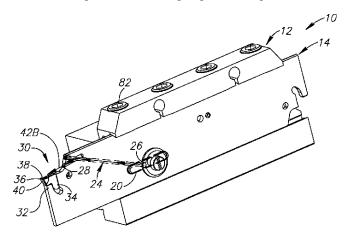
(22) Date of filing of Application :25/07/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention : PARTING BLADE AND BLADE HOLDER CONFIGURED FOR CONVEYANCE OF PRESSURIZED COOLANT

(51) International classification	:B23B29/04,B23B27/08	(71)Name of Applicant:
(31) Priority Document No	:61/607,366	1)ISCAR LTD.
(32) Priority Date	:06/03/2012	Address of Applicant :P.O. BOX 11, 24959 TEFEN, ISRAEL
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/IL2013/050126	1)MALKA, ASAF
Filing Date	:11/02/2013	2)GAL, DMITRY
(87) International Publication No	:WO 2013/132480	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A cutting tool assembly includes a parting blade and a blade holder for holding same. The cutting tool assembly is configured for conveying pressurized coolant via the blade holder to a cutting portion of the parting blade. The blade holder includes a deceleration chamber configured for reducing impact of the pressurized coolant against the parting blade.



No. of Pages: 30 No. of Claims: 33

(19) INDIA

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention : CLEANING DEVICE AND METHOD FOR REMOVING A LUBRICANT FROM THE ROLLS OF A ROLL STAND

(21) Application No.1494/KOLNP/2014 A

(51) International classification	:B21B 45/02	(71)Name of Applicant :
(31) Priority Document No	:12153475.4	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:01/02/2012	Address of Applicant :WITTELSBACHERPLATZ 2,
(22) Name of missister accounts	:EUROPEAN	80333,MÜNCHEN. Germany
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2012/075215	1)JOHANNES DAGNER
Filing Date	:12/12/2012	
(87) International Publication No	:WO 2013/113441	
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date	.NT A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract:

The invention relates to a cleaning device (16) and a method for removing a lubricant from the rolls (4) of a roll stand (2). To achieve economical and efficient cleaning of the rolls (4), the cleaning device (16) comprises at least one ultrasonic generator (18) for generating ultrasonic waves, said ultrasonic waves being routed to the surface of the rolls (4) by means of cleaning water. The cleaning device also comprises a supply line (26) for the cleaning water, wherein said supply line (26) is a branch of a cooling water circuit for the roll stand (2). In particular, this enables the water consumption for the roll stand to be kept constant during the cleaning phase; the water is merely redistributed in that a portion of the cooling water is supplied to the cleaning device. This creates the advantage of the roll temperature rising slightly, with the result that the cleaning performance is supported by the higher roll temperature at which the lubricant is better released from the surface of the roll.

No. of Pages: 19 No. of Claims: 16

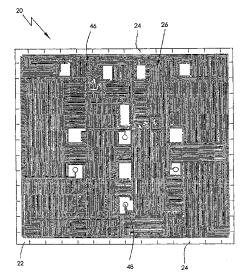
(22) Date of filing of Application :20/03/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention: SECURITY WRAP WITH TEARABLE SUBSTRATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:U.K. :NA :NA : NA	(71)Name of Applicant: 1)JOHNSON ELECTRIC S.A. Address of Applicant:BAHNHOFSTRASSE 18, CH-3280 MURTEN SWITZERLAND (72)Name of Inventor: 1)VINCENT DANIEL JEAN SALLE 2)MARTIN WALLANCE EDMONDS
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An electronic device is protected from unauthorized access by use of a security wrap having a security screen connected to an alarm circuit of the electronic device. The security screen has a pair of screen terminals interconnected by a conductor. The conductor is formed on a substrate. The substrate is arranged such that attempts to remove the security wrap will result in the substrate being torn and the conductor being damaged or broken whereby the resistance of the conductive path formed by the conductor changes to indicate an alarm condition.



No. of Pages: 21 No. of Claims: 24

(22) Date of filing of Application :05/08/2011 (43) Publication Date : 17/10/2014

(54) Title of the invention: A STEREOSELECTIVE PROCESS FOR PREPARATION OF LAMIVUDINE

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (NA	(71)Name of Applicant: 1)LUPIN LIMITED Address of Applicant: 159 CST Road, Kalina, Santacruz (East), Mumbai-400 098, State of Maharashtra, India and also having a place of business at 1/1, Sashi Shekhar Bose Road, Kolkata -700 025, State of West Bengal, India (72)Name of Inventor: 1)ROY, Bhairab, Nath; 2)SINGH Girij Pal; 3)SRIVASTAVA Dhananjai; 4)AHER Umesh Parasharam; 5)PATIL Sudhakar Uttam;
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(57) Abstract:

The present invention relates to a stereoselective glycosylation for the preparation of substituted 1,3-oxathiolane nucleoside in high yield and high optical purity. The invention specifically relates to a process of the preparation of Lamivudine using zirconium (IV) chloride (ZrCl4) as a catalyst in glycosylation.

No. of Pages: 25 No. of Claims: 6

(22) Date of filing of Application :07/11/2011 (43) Publication Date : 17/10/2014

(54) Title of the invention : AN IMPROVED ONLINE LEAKAGE DETECTION SYSTEM AND WATER FLOW MONITORING FOR MACHINE COOLING WATER CIRCUIT FOR CASTER ROLLS

(51) International classification :G01S19/42 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)STEEL AUTHORITY OF INDIA LIMITED Address of Applicant: Research & Development Centre for Iron & Steel, Doranda, Ranchi - 834002 Jharkhand India (72)Name of Inventor: 1)PRASAD Ashit 2)PARIDA Sanjay 3)GOSWAMI Ayan 4)CHAUDHURI Subhasis 5)SINGH Arun Kumar Prasad 6)PAL Chowdhury Sudip 7)MOHAPATRA Dilip Kumar
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(57) Abstract:

The present invention relates to an improved system for online leakage detection and water flow monitoring in machine cooling water circuit for caster rolls reduce roll failure because of thermal fatigue due to under cooling . The system comprises at least one controller means for calculation for differential temperature , mass flow with density compensation and differential flow; at least two flow sensor means substantially installed in the inlet and outlet water line in the horizontal portion of the pipe line and operatively connected with controller means to measure the water flow through the each segment of caster; at least two temperature sensor means substantially installed in the inlet and outlet water line and operatively connected with controller means; at least two pressure sensor means substantially installed in the inlet and outlet water line and operatively connected with controller means; at least one human machine interface screen means .

No. of Pages: 20 No. of Claims: 10

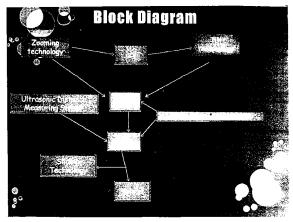
(22) Date of filing of Application :08/11/2011 (43) Publication Date : 17/10/2014

(54) Title of the invention: DEVICE TO ASSIST LOW VISION PEOPLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)SAHOO BALAKRISHNA Address of Applicant: QR NO. 2, RB-17, DELTA C COLONY, UNIT-8, BHUBANESHWAR-751012, ORISSA, INDIA (72)Name of Inventor: 1)SAHOO JYOTI RANJAN
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	1)SAHOO JYOTI RANJAN

(57) Abstract:

A device to assist low vision people, said device comprises: a helmet adapted to be worn by a user and further adapted to be coupled to a frame; a camera adapted to be coupled in front of said helmet on said frame; a display unit adapted to be placed in the line of vision of said user wearing said helmet, said display unit adapted to display captured image, in real-time, from said camera; and a distance measuring sensor adapted to be located on said display unit at its rear side in order to senses the distance between its position and a forwardly located object, and further adapted to be communicably coupled to said display unit in order to provide distance readings on said display unit.



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

(22) Date of filing of Application :07/11/2013

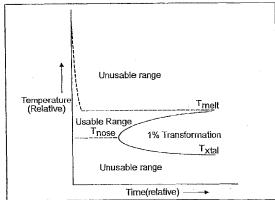
(43) Publication Date: 17/10/2014

(54) Title of the invention: BIOACTIVE GLASS SCAFFOLDS, AND METHOD OF MAKING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61L 27/00 :NA :NA :NA :PCT/US2013/36418 :12/04/2013 :WO/2014/168631 :NA :NA :NA	(71)Name of Applicant: 1)MOSCI CROP. Address of Applicant: 4040 HYPOINT NORTH ROLLA, MO 65401 U.S.A. (72)Name of Inventor: 1)JUNG, STEVEN
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(57) Abstract:

A glass, glass-ceramic, or ceramic bead is described, with an. internal porous scaffold microstructure that is surrounded by an amorphous shield. The shield serves to protect the internal porous microstructure of the shield while increasing the overall strength of the porous microstructure and improve the flowability of the beads either by themselves or in devices such as biologically degradable putty that would be used in bone or soft tissue augmentation or regeneration. The open porosity present inside the bead will allow for enhanced degradability in-vivo as compared to solid particles or spheres and also promote the growth of tissues including but not limited to all types of bone, soft tissue, blood vessels, and nerves.



No. of Pages: 24 No. of Claims: 25

(22) Date of filing of Application :12/04/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : COOLING CONTAINER WITH A CASING AND A FILING SOCKET COVERED WITH A COVER PLATE

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H01L 23/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH Address of Applicant: CARL-WERY-STR.34,81739 MÜNCHEN GERMANY (72)Name of Inventor: 1)RENÉ ALT 2)CHRISTOPH BECKE 3)JOACHIM BETZ 4)MAX EICHER 5)CHRISTINE HARTWEIN 6)PHILIPP KLEINLEIN 7)RALPH STAUD 8)THOMAS TISCHER
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(57) Abstract:

The invention relates to a cooling container (20 to 23) with a casing (24) and a receiving space enclosed by the casing (24), in which a refrigerant is contained, and a filling socket (25) formed in a recess (28), which is formed in an edge (27) of the casing (24), wherein the filling socket (25) is covered by a cover plate (29).

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

(19) INDIA

(22) Date of filing of Application :16/04/2013

(21) Application No.416/KOL/2013 A

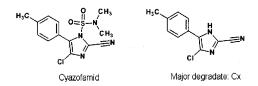
(43) Publication Date: 17/10/2014

(54) Title of the invention: FUNGICIDAL COMPOSITION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A01N 43/00 :NA :NA :NA	(71)Name of Applicant: 1)UNITED PHOSPHORUS LIMITED Address of Applicant: AGROCHEMICAL PLANT, DURGACHAK HALDIA-721 602, MIDNAPORE DIST. WEST BENGAL, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHROFF, JAIDEV RAJNIKANT
(87) International Publication No	: NA	2)SHROFF, VIKRAM RAJNIKANT
(61) Patent of Addition to Application Number	:NA	3)SHIRSAT, RAJAN RAMAKANT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A composition comprising cyazofamid and an organic base, a process for the preparation of such compositions, methods of use thereof and a multi-pack container comprising the composition.



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

(22) Date of filing of Application :15/09/2011 (43) Publication Date : 17/10/2014

(54) Title of the invention: Fulvic Acid; An Effective Foliar Nutrition For Enhancing The Quality And Yield of SBCS Tobacco

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA :NA	(71)Name of Applicant: 1)ITC LIMITED Address of Applicant: 37 J.L.Nehru Road Kolkata 700 071 State of West Bengal India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MAHAVISHNAN Karuppan;
(87) International Publication No	: NA	2)BEZAWADA Priya Nagavishnu;
(61) Patent of Addition to Application Number	:NA	3)UPADHYAY Ambika Prasad;
Filing Date	:NA	4)SHARMA Navin;
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a foliar nutrient composition for tobacco grown in southern black cotton soils. The foliar nutrient is applied especially to SBCS tobacco to improve the potassium uptake, starch reduction, overall yield and quality as well as to enhance the flavour content.



No. of Pages: 26 No. of Claims: 6

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

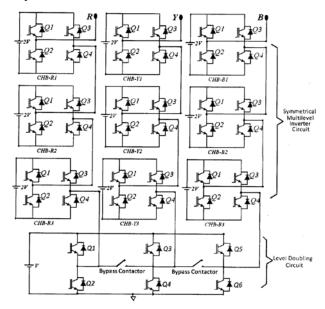
(43) Publication Date: 17/10/2014

(54) Title of the invention : ENZYMATIC SACCHARIFICATION AND FERMENTATION OF PRETREATED LIGNOCELLULOSIC RAW MATERIALS

(51) International classification	:C12P13/04	(71)Name of Applicant:
(31) Priority Document No	:NA	1)M/S INDIAN INSTITUTE OF TECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :AN INDIAN INSTITUTE OF
(33) Name of priority country	:NA	KHARAGPUR 721302 WEST BENGAL INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RINTU BANERJEE,ARINDAM KUILA,MAINAK
(87) International Publication No	: NA	MUKHOPADHYAY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a method for increasing the number of output voltage levels using an improved multilevel inverter system. It relates to an H-bridge based level doubling circuit for cascaded H-bridge multilevel inverters. More particularly, the invention is concerned about a system, arrangement and a method comprising H-bridge circuit, which introduces binary asymmetry in the multilevel inverter resulting in almost doubling the number of levels. It provides for improvement of power quality and reduction of power filter size and cost as well as reduction in the EMI problem.



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

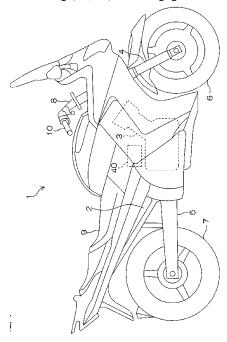
(22) Date of filing of Application :14/03/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention: AUTOMATIC TRANSMISSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B63H 20/00 :2013- 084238 :12/04/2013 :Japan :NA :NA :NA :NA	(71)Name of Applicant: 1)YAMAHA HATSUDOKI KABUSHIKI KAISHA Address of Applicant:2500 SHINGAI, IWATA-SHI, SHIZUOKA-KEN, 438-8501, JAPAN (72)Name of Inventor: 1)KENGO MINAMI
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(57) Abstract:

An automatic transmission (20) changes a rotation speed of a main shaft (46), to which a torque from a power source (15) is transmitted via a clutch (45), and transmits the rotation of the changed rotation speed to a driveshaft (47). The automatic transmission (20) includes a drive dog (53, 54) provided on the main shaft (46) or on the driveshaft (47) so as to be in constant synchronous rotation with the main shaft (46), a driven dog (54, 53) provided on the main shaft (46) or on the driveshaft (47) so as to be in constant synchronous rotation with the driveshaft (47), a switching mechanism (50) for causing the drive dog (53, 54) and the driven dog (54, 53) to engage and disengage the drive dog (53, 54) and the driven dog (54, 53) to switch gears (Ma, Mb, Mc, Md, Me, Mf; Da, Db, Dc, Dd, De, and Df) transmitting a driving force between the main shaft (46) and the driveshaft (47), an actuator unit (51, 52) for actuating at least the switching mechanism (50) among the clutch (45) and switching mechanism (50), and a gear-change control means (80) for controlling a gear-change operation, including a dog engaging operation of making the actuator unit (51, 52) actuate to engage the drive dog (53, 54) and the driven dog (54, 53), based on a relative rotational position of the drive dog (53, 54) and the driven dog (54, 53) to be engaged.



No. of Pages: 58 No. of Claims: 13

(21) Application No.14/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :02/01/2012

(43) Publication Date: 17/10/2014

(54) Title of the invention : TRANSPONDER FOR AN OPTICAL COMMUNICATIONS SYSTEM AND OPTICAL COMMUNICATIONS SYSTEM

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No Number Filing Date (62) Divisional to Application Number Filing Date (31) Priority Document No SNA SNA SNA SNA (32) Priority Date SNA SNA SNA SNA SNA SNA (33) Name of priority country SNA SNA SNA SNA SNA SNA (34) HUAWEI TECHNOLOGIES CO., LTD. Address of Applicant: Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129, P.R. China (72)Name of Inventor: 1)FABIAN, Nikolaus, Hauske; (1) FABIAN, Nikolaus, Hauske; (1) FABIAN, Nikolaus, Hauske;	 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :PCT/CN2010/075152 :14/07/2010 :WO/2012/006777 :NA :NA :NA	Address of Applicant :Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129, P.R. China (72)Name of Inventor:
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(57) Abstract:

According to the invention, a transponder for an optical communications system is suggested. Said transponder is adapted to communicate with a further transponder over at least one optical channel. Said transponder comprises a first receiver having a monitor and a first transmitter. Said first receiver is configured to receive a first signal transmitted by a second transmitter of said further transponder over said optical channel. Said monitor is configured to provide at least one channel parameter describing said optical channel in dependence on said received first signal. Said first transmitter is configured to transmit said at least one channel parameter to said further transponder for adjusting a pre-equalizer of said further transponder.

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

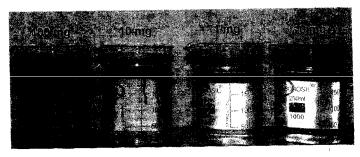
(22) Date of filing of Application :16/04/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention : A PROCESS FOR PRODUCING A FUNCTIONALIZED GRAPHENE USED FOR PROTECTING THE METALS FROM CORROSION

(51) International classification		(71)Name of Applicant:
(51) International classification	31/00	,
(31) Priority Document No	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(32) Priority Date	:NA	AND SCIENTIFIC SERVICES DIVISION JAMSHEDPUR-
(33) Name of priority country	:NA	831001 Jharkhand India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHYAM KUMAR CHOUDHARY
(87) International Publication No	: NA	2)MANISH KUMAR BHADU
(61) Patent of Addition to Application Number	:NA	3)AKSHYA KUMAR GUIN
Filing Date	:NA	4)TAPAN KUMAR ROUT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A process for producing a functionalized graphene used for protecting the metals from corrosion comprising preparing graphite oxide by oxidative treatment pure graphite, subjecting the graphite oxide to the step of exfoliation, reducing exfoliated graphite oxide by using hydrazine hydrate to produce grapheme washing the graphene thus obtained with water and methanol and drying the graphene.



No. of Pages: 11 No. of Claims: 5

(22) Date of filing of Application :30/09/2011 (43) Publication Date : 17/10/2014

(54) Title of the invention: DESIGN AUTOMATION TOOL FOR COAL FEEDING SYSTEM IN THERMAL POWER PLANT

		(71)Name of Applicant :
(51) International classification	:G06F17/50	1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :REGIONAL OPERATIONS
(32) Priority Date	:NA	DIVISION (ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(33) Name of priority country	:NA	KARUNAMOYEE, 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)JAKKAMSETTI VEERA VENKATA ARUNA KUMAR
Filing Date	:NA	2)MUTHUSAMY ALAGIRI
(62) Divisional to Application Number	:NA	3)MOHAMMED FAROOQ BASHA
Filing Date	:NA	4)SUGALI VISHLAVAT SIVARAMULU
		5)GANESAN SARAVANAKUMAR

(57) Abstract:

The invention relates to an optimization process for sequential locating of the components in a coal feeding system of utility boilers, wherein the coal feeding system comprises a downspout with a spacer connecting the bunker outlet to the feeder inlet, a needle gate mounted on the coal feeding line; and a bunker emptying chute configured corresponding to the height of the downspout including a seal head allowing maintenance of at least a quarter to one inch water column in the pulversier, the process comprising the steps of positioning a receiver at a location to obtain feedback signal captured by a plurality of sensor means disposed around the raw coal bunker; inputting associated functional parameters of the components of the system like bends, flanges, transitions in a processor with in-built logic; inputting the feedback signal parameters to the processor; automatic disposition of the system components for assembly based on the processed data outputted by the processor; and optionally redefining the locating data in case originally outputted data are not suitable for the system layout.

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

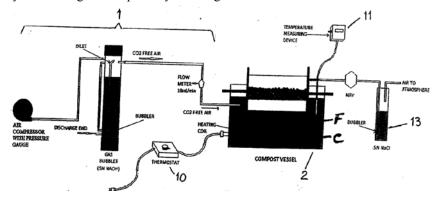
(22) Date of filing of Application :03/10/2011 (43) Publication Date : 17/10/2014

(54) Title of the invention : APPARATUS AND SYSTEM FOR STUDY OF COMPOSTABLE PLASTICS AND BIODEGRA DABLE POLYMERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C08K 5/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)DR. RANJAN R. PRADHAN Address of Applicant: VILL. GOPINATH PUR, P.O. ANKULA, DIST-ANGUL, ORISSA, INDIA 2)C.V. RAMAN COLLEGE OF ENGINEERING (72)Name of Inventor:
Filing Date	:NA	1)DR. RANJAN R. PRADHAN
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This invention relates to a system for the processing and study of compostable materials comprising an air injection unit (1), for delivering air into a composting vessel (2), the composting vessel being connected to a bubble column reactor and a sensor data logger, wherein said composting vessel comprises an outer chamber and a cylinder, said outer chamber containing a fluid and a heating element, the cylinder being divided into two compartments, the compartments having a volume of 1/3 of the total volume of the cylinder and 2/3 of the total volume of the cylinder, said cylinder having inlet and outlet tubes for entry and exit of gases, said cylinder being held in partially submerged condition in the fluid in the outer chamber.



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

(19) INDIA

(22) Date of filing of Application :14/07/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention: REACTOR INCORPORATING A HEAT EXCHANGER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:12/03/2014 :WO/2014/159555 :NA :NA :NA	(71)Name of Applicant: 1)BATTELLE MEMORIAL INSTITUTE Address of Applicant:505 KING AVENUE COLUMBUS, OHIO 43201-2693 U.S.A. (72)Name of Inventor: 1)GEORGE II, PAUL E. 2)CONTINI, VINCENT 3)GOSHE, MATTHEW E.
Filing Date	:NA	

(21) Application No.1474/KOLNP/2014 A

(57) Abstract:

A reactor containing a heat exchanger is disclosed, which can be operated with co-current or counter-current flow. Also disclosed is a system that includes a reactor having a reformer and a vaporizer, a fuel supply, and a water supply. The reactor includes a source of combustion gas, a reformer operative to receive reformate, and a vaporizer operative to receive water. The reformer and vaporizer each include a stack assembly formed by a combination of separator shims and channel shims. The separator shims and channel shims are stacked in a regular pattern to form two sets of channels within the stack assembly. One set of channels will have vertical passageways at either end and a horizontal flowpath between them, while the other set of channels has only a horizontal flowpath.

No. of Pages: 67 No. of Claims: 20

(22) Date of filing of Application: 14/07/2014 (43) Publication Date: 17/10/2014

(54) Title of the invention: REACTOR INCORPORTING A HEAT EXCHANGER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B01J 19/00 :61/777,935 :12/03/2013 :U.S.A. :PCT/US2014/024199 :12/03/2014 :WO/2014/165037 :NA :NA	(71)Name of Applicant: 1)BATTELLE MEMORIAL INSTITUTE Address of Applicant:505 KING AVENUE COLUMBUS, OHIO 43201-2693 U.S.A. (72)Name of Inventor: 1)GEORGE II, PAUL E. 2)CONTINI, VINCENT 3)GOSHE, MATTHEW E.
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(21) Application No.1475/KOLNP/2014 A

(57) Abstract:

(19) INDIA

A reactor containing a heat exchanger is disclosed, which can be operated with co-current or counter-current flow. Also disclosed is a system that includes a reactor having a reformer and a vaporizer, a fuel supply, and a water supply. The reactor includes a source of combustion gas, a reformer operative to receive reformate, and a vaporizer operative to receive water. The reformer and vaporizer each include a stack assembly formed by a combination of separator shims and channel shims. The separator shims and channel shims are stacked in a regular pattern to form two sets of channels within the stack assembly. One set of channels will have vertical passageways at either end and a horizontal flowpath between them, while the other set of channels has only a horizontal flowpath.

No. of Pages: 66 No. of Claims: 20

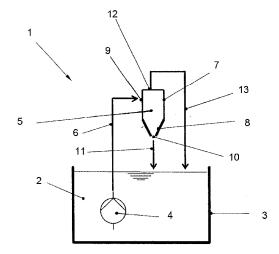
(22) Date of filing of Application :07/11/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: PROCESS AND FACILITY FOR TREATING AMMONIUM-CONTAINING WASTEWATER

(51) International classification	:C02F 1/00	(71)Name of Applicant:
(31) Priority Document No	:13 401 040.4	1)CYKLAR-STULZ GMBH Address of Applicant :RIETWIESSTRAβE 39, 8737
(32) Priority Date	:16/04/2013	GOMMISWALD SWITZERLAND
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:NA	1)DR. GEERT NYHUIS
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:

The invention relates to a process and a facility (1) for treating ammonium-containing wastewater (2) in a deammonification facility (1) having at least one activation tank (3). According to the invention, it is provided that activated sludge from the activation tank (3) is introduced at least intermittently into a hydrocyclone (5) and that, after the separation of the activated sludge in the hydrocyclone (5) both the dense fraction and the light fraction which predominantly contains the aerobically ammonium-oxidizing bacteria (AOB) are returned to the at least one activation tank (3) of the facility (1). During the separation of the activated sludge in the hydrocyclone (5), the anaerobically ammonium-oxidizing bacteria (anammox) having a higher density than the aerobically ammonium-oxidizing bacteria (AOB) are sedimented on a roughened internal wall surface of the hydrocyclone (5) by the centrifugal and hydrodynamic forces in the hydrocyclone (5) and abrasive forces are generated by a relative motion between the rapidly moving anaerobically ammonium-oxidizing bacteria (anammox) and the stationary roughened internal wall surface of the hydrocyclone (5), via which abrasive forces an organic or inorganic plaque present on the ammonium-oxidizing bacteria (anammox), in particular Planctomycetes granules, is at least partly removed.



No. of Pages: 23 No. of Claims: 15

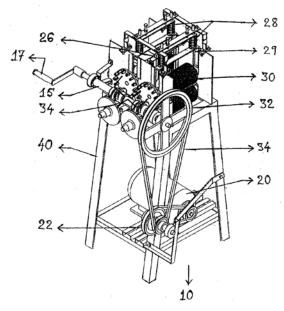
(22) Date of filing of Application :10/04/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: MACHINE FOR RIPPING BAMBOO SILVERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	20/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)INDIAN INSTITUTE OF TECHNOLOGY Address of Applicant: KHARAGPUR-721302, West Bengal India (72)Name of Inventor: 1)PROF. P.B.S BHADORIA AGRICULTURAL & FOOD ENGINEERING DEPARTMENT
(87) International Publication No	: NA	2)DR. HIFJJUR `RAHEMAN AGRICULTURAL & FOOD
(61) Patent of Addition to Application Number	:NA	ENGINEERING DEPARTMENT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A self operated reaping machine (10) equipped with an electrical motor (20) which in connection with plurality of supporting means (22) transfers the power to pinion gear means (24) through specially designed belt wherein the said gear means is linked with rolling means (30) which rotate to the cutting means (26) to reap off slivers.



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

(21) Application No.1336/KOL/2011 A

(19) INDIA

(22) Date of filing of Application: 17/10/2011 (43) Publication Date: 17/10/2014

(54) Title of the invention : SKIN CARE COMPOSITION CONTAINING ACTIVES IN HIGH INTERFACIAL PHASE EMULSIFICATION SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	8/30 :NA :NA :NA :NA :NA : NA : NA	(71)Name of Applicant: 1)ITC LIMITED Address of Applicant: 37, J.L.Nehru Road, Kolkata-700 071, State of West Bengal, West Bengal India (72)Name of Inventor: 1)BURSHE, Mahesh, C; 2)KANDIKKAL Ashitha;
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A stable skin care composition comprising high interfacial phase emulsification system (HIP) in complex with β carotene and lycopene such that β carotene and lycopene are in weight ratio of 80:20. The complex has pH of 4 to 9 being formed at 8000 to 12, 000 RPM for 30 seconds to 30 minutes. A process to prepare a stable skin care composition comprising steps of, mixing of high interfacial phase emulsification system in an amount of 0.0001-0.001 % w/w, and combination of β carotene and lycopene in a ratio by weight of 80:20, stirring the said mixture at 8000-12,000 RPM for 30 seconds to 30 minutes to prepare a stable complex for skin care formulation and maintaining the pH of the complex of 4-9.

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

(22) Date of filing of Application :16/08/2011 (43) Publication Date : 17/10/2014

(54) Title of the invention: HERBAL COMPOSITIONS FOR CONTROL OR ELIMINATION OF PLANT PESTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:NA :NA :NA :NA :NA	(71)Name of Applicant: 1)MAHATO, RAJU KUMAR Address of Applicant: SHIV MANDIR, MANDA TAND, VILLAGE + POST CHARHI DISTRICT HAZARIBAG-825336, JHARKHAND, INDIA (72)Name of Inventor:
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	1)MAHATO, RAJU KUMAR

(57) Abstract:

The present invention in a preferred embodiment provides herbal compositions, having pesticidal effect or pesticidal activity; for control or elimination of plant pests; the composition comprising at least parts of *Adina cordifolia*, to which parts of one or more additional complimentary herb may be optionally added, wherein the additional complimentary herb may also be a herb for prevention and treatment of plant pests such as but not limited to parts of *Annona squamosa*, *Pongamia glabra*, *Solarium xanthocarpum*, *Aloe vera*, or any combination thereof. The invention also provides for methods of preparation of the herbal compositions.

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

(22) Date of filing of Application :16/08/2011 (43) Publication Date : 17/10/2014

(54) Title of the invention: HERBAL COMPOSITIONS FOR CONTROL OR ELIMINATION OF PLANT PESTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A01N65/01 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)DEVI, GANGIYA Address of Applicant: VILLAGE & POST-CHARAHI, POLICE STATION-MANDU DISTRICT HAZARIBAG, JHARKHAND, INDIA (72)Name of Inventor: 1)DEVI, GANGIYA
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	1)DEVI, GANGIYA

(57) Abstract:

The present invention in a preferred embodiment provides herbal compositions, having pesticidal effect or pesticidal activity; for control or elimination of plant pests; the composition comprising at least parts of *Bambusa bambos L. Voss*, to which parts of one or more additional complimentary herb may be optionally added, wherein the additional complimentary herb may also be a herb for control or elimination of plant pests such as but not limited to parts of *Calotropis procera*, *Ficus bengalensis*, *Ricinus communis*, *Tephorisa purpurea*, *Vitex negundo*, *Tridax procumbens* or any combination thereof. The invention also provides for methods of preparation of the herbal compositions.

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

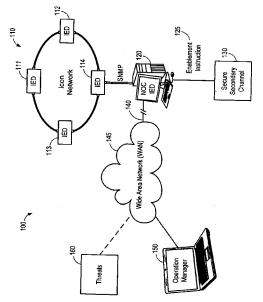
(22) Date of filing of Application :22/07/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention: NETWORK ACCESS MANAGEMENT VIA A SECONDARY COMMUNICATON CHANNEL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:27/08/2013 :WO 2014/035992 :NA :NA	(71)Name of Applicant: 1)SCHWEITZER ENGINEERING LABORATORIES, INC. Address of Applicant:2350 NE HOPKINS COURT, PULLMAN, WASHINGTON 99163, U.S.A. (72)Name of Inventor: 1)SCHWEITZER, EDMUND O. 2)WHITEHEAD,DAVID E 3)WEBER, MARK 4)SMITH, RHETT
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	4)SMITH, RHETT

(57) Abstract:

The present disclosure provides for selectively enabling a primary communication channel upon receipt of enablement instructions received via a secondary communication channel. In some embodiments, a first intelligent electronic device (IED) may be connected to a second IED via a primary communication channel. In various embodiments, the primary communication channel may be selectively and/or temporarily enabled by transmitting an enablement instruction via a secondary communication channel. The secondary communication channel may be relatively more secure than the primary communication channel. In some embodiments, the secondary communication channel may also connect the first and second IEDs. Accordingly, the first IED may transmit an enablement instruction to the second IED in order to temporarily enable communication via the primary communication channel between the first and second IEDs.



No. of Pages: 29 No. of Claims: 35

(19) INDIA

(22) Date of filing of Application :19/01/2012

(21) Application No.112/KOLNP/2012 A

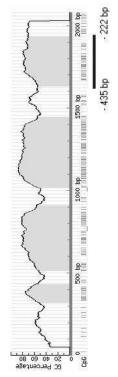
(43) Publication Date: 17/10/2014

(54) Title of the invention: AGENTS AND USES THEREOF

(51) International classification	:A61K31/137	(71)Name of Applicant:
(31) Priority Document No	:0910620.4	1)IMMUNOVIA AB
(32) Priority Date	:19/06/2009	Address of Applicant :Helgonavägen 21 S-223 63 Lund,
(33) Name of priority country	:U.K.	Sweden
(86) International Application No	:PCT/GB2010/001200	(72)Name of Inventor:
Filing Date	:18/06/2010	1)BORREBAECK, Carl Arne Krister;
(87) International Publication No	:WO/2010/146370	2)EK Sara Charlotte Andersson;
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/11	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides agents capable of activating Sox11 for use in medicine. In particular, the agents of the invention are useful in the treatment of cancers, such as lymphomas (e.g. mantel cell lymphoma). The invention further provides pharmaceutical compositions of the agents of the invention, as well as methods and uses of the same.



No. of Pages: 107 No. of Claims: 61

(22) Date of filing of Application :27/09/2011 (43) Publication Date : 17/10/2014

(54) Title of the invention: AN ON-LINE ROLL FORCE DETERMINING SYSTEM FOR HOT STRIP ROLLING.

		(71)Name of Applicant:
(51) International classification	:B21B39/02	1)STEEL AUTHORITY OF INDIA LIMITED
(31) Priority Document No	:NA	Address of Applicant :Research & Development Centre for
(32) Priority Date	:NA	Iron & Steel, Doranda, Ranchi- 834002 Bihar India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)RATH Sushant
Filing Date	:NA	2)GUPTA Ashish
(87) International Publication No	: NA	3)KOTAMARAJU Venkata Ramana
(61) Patent of Addition to Application Number	:NA	4)THAKUR Suman Kant
Filing Date	:NA	5)MYALPAZHOOR Brahmadathan Sankaran
(62) Divisional to Application Number	:NA	Namboothiripad
Filing Date	:NA	6)SENGUPTA Partha Pratim
-		7)SINGH Arjun Prasad

(57) Abstract:

This invention relates to an on-line roll force determining system for hot strip rolling.

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

(22) Date of filing of Application :23/11/2011 (43) Publication Date : 17/10/2014

(54) Title of the invention : INSTALLING METHOD FOR ANCHOR CAGE AND INSTALLING METHOD FOR INDUSTRIAL EQUIPMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B23P11/00 :201010565452.6 :25/11/2010 :China :NA :NA	(71)Name of Applicant: 1)SINOVEL WIND GROUP CO., LTD. Address of Applicant: Floor 19, Culture Building, No. 59 Zhongguancun Street, Haidian District, Beijing 100872, China (72)Name of Inventor: 1)ZHU, Hongbing
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		

(57) Abstract:

The present invention relates to an installing method for an anchor cage and a method for installing industrial equipment, wherein the installing method for the anchor cage includes the following steps: providing an anchor flange, wherein a plurality of first bolt holes are dispersedly arranged on the anchor flange along a circumferential direction thereof, and said first bolt holes comprise a first group of bolt holes and a second group of bolt holes; providing a template flange, wherein a plurality of bolt holes are arranged on the template flange along a circumferential direction thereof, said plurality of bolt holes comprise a first group of bolt holes and a second group of bolt holes, the first group of bolt holes of the template flange correspond to the first group of bolt holes of the anchor flange, and the second group of bolt holes of the template flange correspond to the second group of bolt holes of the anchor flange; providing a shimming flange, wherein a plurality of bolt holes are arranged on the shimming flange along a circumferential direction thereof, and the bolt holes correspond to the first and second groups of bolt holes of the anchor flange; assembling and fixing lower ends of part of anchor bolts in the first group of bolt holes of the anchor flange; assembling upper ends of the part of anchor bolts in the first group of bolt holes of the template flange correspondingly; adjusting and fixing all the anchor bolts after the rest anchor bolts penetrate through the second group of bolt holes of the anchor flange and the second group of bolt holes of the template flange; binding reinforcing steel bars and pouring concrete below the template flange to form a reinforced concrete platform; and taking the template flange down and assembling the upper ends of all the anchor bolts in the plurality of bolt holes of the shimming flange correspondingly. The above installation method in the present invention can be used for installing the anchor cage of the industrial equipment. With the adoption of the installing method, the installing difficulty of the anchor cage is lowered and the installing precision of the anchor cage is improved at the same time.

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

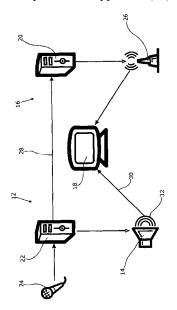
(22) Date of filing of Application :25/07/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention: METHOD FOR PERFORMING ANNOUCEMENTS IN A MEANS OF TRANSPORT

(51) International classification :H04H20/62,H04H60/13 (71)Name of Applicant : (31) Priority Document No 1)LUFTHANSA SYSTEMS AG :102012202232.5 (32) Priority Date Address of Applicant : AM WEIHER 24, 65451 :14/02/2012 (33) Name of priority country KELSTERBACH GERMANY :Germany (86) International Application No :PCT/EP2013/051241 (72)Name of Inventor: 1)HOMMEL, PETER Filing Date :23/01/2013 (87) International Publication No :WO 2013/120673 2)LIEBE, JOERG (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Method for performing announcements in a means of transport that has an announcement device (12) having at least one loudspeaker (14) and an entertainment device (16), having the following steps: a) an announcement start signal (28) is sent from the announcement device (12) to the entertainment device (16) at the beginning of an announcement, b) an interruption to the reproduction of the reproduction appliance (18) is prompted by the entertainment device (16) when the announcement start signal (28) is received, c) the announcement is reproduction appliance (18) is prompted by the entertainment device (16) when an announcement end signal is received or at the end of reception of the announcement start signal from the announcement device, characterized by detection of an audio signal (30) that is output by the announcement loudspeaker (14) by the entertainment device (16), wherein the reproduction of the reproduction appliance (18) is automatically interrupted after the audio signal (30) is detected.



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

(22) Date of filing of Application :02/06/2011 (43) Publication Date : 17/10/2014

(54) Title of the invention: MODULATION OF FIBER LASER PUMPED DIFFERENCE FREQUENCY GENERATOR.

(57) Abstract:

Systems and methods for modulating the output of a difference frequency generator such as an OPO, OPA or OPG include a pump fiber laser having at least one internal, modulatible component, wherein the pump fiber laser produces a pump signal, and a difference frequency generator coupled to the pump fiber laser. The difference frequency generator is configured for accepting the pump signal of the pump fiber laser and producing an output signal, wherein parameters of the output signal are determined based on direct modulation of the internal, directly modulatible component of the pump fiber laser.

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

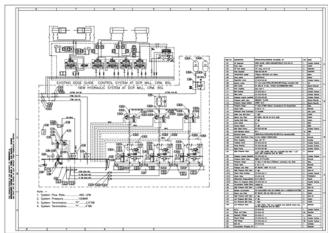
(22) Date of filing of Application :02/11/2011 (43) Publication Date : 17/10/2014

(54) Title of the invention: AN INDEPENDENT HYDRAULIC SYSTEM FOR STRIP GUIDE CONTROL OF PAY-OFF REEL

(51) International classification	:C30B 13/06	(71)Name of Applicant: 1)STEEL AUTHORITY OF INDIA LIMITED
(31) Priority Document No	:NA	Address of Applicant :Research & Development Centre for
(32) Priority Date	:NA	Iron & Steel, Doranda, Ranchi- 834002 Jharkhand India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)SAMBANDHAM, Thirumalai, Selvam;
Filing Date	:NA	2)CHAUDHURI Subhasis;
(87) International Publication No	: NA	3)SANYAL Indranil;
(61) Patent of Addition to Application Number	:NA	4)SINGH Arun Kumar Prasad;
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		·

(57) Abstract:

This invention relates generally to a system and method of improved hydraulic circuit for strip guide control and more particularly to an independent hydraulic system for strip guide control of pay-off reel where the equipment can be self sufficient to cater its input hydraulic oil requirement instead of depending on the centralized system. Due to various operational deficiencies of the centralized system, the hydraulic oil's flow rate, pressure, cleanliness level etc., of the strip guide equipment could not be maintained accurately. The performance of the strip guide control equipment can be improved significantly, if the equipment can be self sufficient to cater its input hydraulic oil requirement.



No. of Pages: 15 No. of Claims: 16

(21) Application No.411/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :12/04/2013 (43) Publication Date : 17/10/2014

(54) Title of the invention: DOMESTIC COOLING APPLIANCE WITH A HOLDING DEVICE FOR A COOLING CONTAINER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A47L 15/00 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH Address of Applicant: CARL-WERY-STR.34,81739 MÜNCHEN GERMANY (72)Name of Inventor: 1)RENÉ ALT 2)CHRISTOPH BECKE 3)JOACHIM BETZ 4)MAX EICHER 5)CHRISTINE HARTWEIN 6)PHILIPP KLEINLEIN 7)RALPH STAUD 8)THOMAS TISCHER
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(57) Abstract:

The invention relates to a domestic cooling appliance (1) with at least one inner space (4, 5), which is defined by walls (4a to 4e; 5a to 5e, 6), wherein at least one wall (4a to 4e; 5a to 5e, 6) has a holding device (7) for at least one separate cooling container (20 to 23).

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

(19) INDIA

(22) Date of filing of Application :13/01/2012

(21) Application No.75/KOLNP/2012 A

(43) Publication Date: 17/10/2014

(54) Title of the invention: LATE ABIS ACTIVATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04W40 :61/218,175 :18/06/2009 :U.S.A. :PCT/EP2009/060770 :20/08/2009 :WO/2010/145719 :NA :NA	 (71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (publ) Address of Applicant: S-164 83 Stockholm, Sweden (72)Name of Inventor: 1)HELLWIG, Karl; 2)KAMPMANN Dirk; 3)MANSOURI Majid;
- 1 000000		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The Invention proposes a method for a Control Node (MSC) of a Core Network (CN) for late activation of a User Plane between a Radio Station (eNodeB, NodeB, BTS) and a control node (RNC, BSC) of a Radio Access Network (eUTRAN, UTRAN, URAN, GERAN, GRAN, RAN) of a call to be set-up. Furthermore, a method for a control node of a Radio Access Network for late activation of a User Plane between a Radio Station and a control node of a Radio Access of a call to be set-up is proposed MSC receives an indication that a call involving said MSC and a BSC of a RAN shall be set-up. MSC gains knowledge that said BSC is adapted for a late User Plane Activation. MSC instructs said BSC that the User Plane between the Radio Station and the BSC/RNC shall be reserved. Upon detecting that the User Plane of said call shall be through connected, MSC instructs the BSC to activate the reserved User Plane between Radio Station and BSC. In addition corresponding nodes are proposed.

No. of Pages: 33 No. of Claims: 24

(21) Application No.431/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :03/04/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention: HERBAL EXTRACT FOR INHIBITING GROWTH OF TUMOR

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61K 36/00 :102112921 :11/04/2013 :Taiwan	(71)Name of Applicant: 1)WEN-GUANG FONG Address of Applicant: NO.8, YONGKANG RD. FENGLIN TOWNSHIP, HUALIEN COUNTRY 97542, TAIWAN 2)CING-HUO LIAO
(86) International Application No	:NA	3)MING-CHE-TING
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)WEN-GUANG FONG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A herbal extract for inhibiting the growth of tumor described herein and the herbal extract is obtained by extracting a mixture of white castor and Formosanum elderberry with water and/or alcohol under a heating condition, in which a weight ratio of white castor is 1 to 99% and a weight ratio of Formosanum elderberry is 99 to 1%. The herbal extract is useful in preventing, treating, relieving, and improving the quality-of-life of patients suffering from cancer.

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

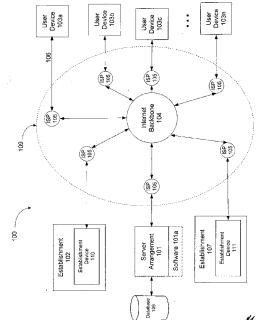
(22) Date of filing of Application :10/04/2014 (43) Publication Date : 17/10/2014

(54) Title of the invention: SYSTEM AND METHOD FOR PROCESSING ESTABLISHMENT RESERVATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06Q 30/00 :61/811,350 :12/04/2013 :U.S.A. :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)APPITEZ SOLUTIONS, INC. Address of Applicant:1255 WEST CARSON STREET TORRANCE, CALIFORNIA 90502 U.S.A. (72)Name of Inventor: 1)KIRAN CHERANDA
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(57) Abstract:

A method and system of making real time reservations at an establishment is provided. The system is GPS based, displaying relevant establishments proximate to the user, and offers the ability to post real time offers and advertising from an establishment to a user computing device. In one configuration, the system includes a server arrangement including at least one server configured to receive communications from a user device configured to enable a user to select an establishment and a remote device configured to receive information from the server arrangement pertaining to a reservation for the establishment and transmit indications to the user confirming the reservation. The server arrangement is configured to interact with an establishment device to determine establishment availability conditions for incoming patrons and convey establishment availability conditions to the user via the user device.



No. of Pages: 43 No. of Claims: 5

AMENDMENT UNDER SEC. 57 (KOLKATA)

(01)

An application for change in the name of the Patentee from RAHEE INDUSTRIES LIMITED to RAHEE INFRATECH LIMITED in respect of Patent No. 206829 (237/CAL/2000) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

(02)

An application for change in the name of the Patentee from RAHEE INDUSTRIES LIMITED to RAHEE INFRATECH LIMITED in respect of Patent No. 207142 (168/CAL/1999) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

PUBLICATION U/S.60 IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS

Notice is hereby given that application for restoration of under mentioned Patents have been allowed and said Patents are restored.

Sl.No.	Appln. No.	Patent No.	Applicants	Title	Date of Publication U/R.84(3)	Appropriate Office
1.	915/KOLNP/2006	243270	1.WYETH 2.ETEX CORPORATION.	A composition for injectable delivery of osteogenic proteins.	27/06/2014	KOLKATA
2.	117/CAL/1999	188450	MENDES S.R.L	PROCESS FOR PREPARATION OF PHARMACEUTICAL OR DIETETIC COMPOSITIONS CONTAINING BACTERIA ENDOWED WITH ARGININE DEIMINASE TO INDUCE APOPTOSIS AND/OR REDUCE AN INFLAMMATORY REACTION	27/06/2014	KOLKATA
3.	30/CAL/2001	206393	GRAF &CIE AG	METHOD AND APPARATUS FOR MANUFACTURING A SAWTOOTH WIRE FOR ALL - STEEL SAWTOOTH WIRE CARDCLOTHING	16/10/2009	KOLKATA
4.	IN/PCT/2001/133/KOL	233652	1.MOUNTAIN VIEW PHARMACEUTICALS. INC. & 2. DUKE UNIVERSITY	A PEG CONJUGATE OF URICASE	25/04/2014	KOLKATA
5.	247/KOL/2006	235686	BENGAL ENGINEERING & SCIENCE UNIVERSITY	DIGITAL INSOLATION METER	06/06/2014	KOLKATA
6.	341/KOL/2013	234016	PAL TROCKNER ENVITECH (P) LTD.	A PROCESS TO PRODUCE ARSENIC FREE DRINKING WATER AND AN ARSENIK REMOVAL PLANT THEREFOR	20/06/2014	KOLKATA
7.	654/CAL/1999	222936	HITACHI, LTD.	AN INFORMATION RECORDING MEDIUM AND REPRODUCING APPARATUS	04/07/2014	KOLKATA

8.	215/CAL/1995	183354	ZINSER TEXTILE	TRANSPORT AND	20/06/2014	KOLKATA
			MASCHINEN GMBH	REVERSING		
				DEVICE OF A		
				FLYER FRAME		
9.	555/KOLNP/2005	219074	ETHICON, INC.	ANTIMICROBIAL	04/12/2009	KOLKATA
				PACKAGED		
				MEDICAL DEVICE		
				AND METHOD OF		
				PREPARING SAME		
10.	1629/KOLNP/2004	221129	MDI MOTOR	VARIABLE FLOW	06/06/2014	KOLKATA
			DEVELOPMENT	PRESSURE		
			INTERNATIONAL	REDUCER AND		
			S.A.	DISTRIBUTION		
				SYSTEM FOR AN		
				ENGINE SUPPLIED		
				WITH INJECTED		
				COMPRESSED AIR		
11.	800/CAL/1998	231417	ROMARK	PHARMACEUTICAL	27/06/2014	KOLKATA
			LABORATORIES, L.	COMPOSITIONS		
			C.	FOR ORAL		
				ADMINISTRATION		
12.	1908/KOLNP/2004	250595	SEQUELLA INC.	NOVEL DIAMINE	25/04/2014	KOLKATA
				COMPOUNDS FOR		
				THE DIAGNOSIS		
				AND TREATMENT		
				OF INFECTIOUS		
				DISEASE		

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seri al Nu mb er	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	263147	9456/DELNP/2007	20/06/2006	20/06/2005	1-[2-AMINO-3- (SUBSTITUTED ALKYL)-3H- BENZIMIDAZOLYLMET HYL]-3-SUBSTITUTED- 1,3-DIHYDRO- BENZOIMIDAZOL-2- ONES WITH ACTIVITY ON RESPIRATORY SYNCYTIAL VIRUS	TIBOTEC PHARMACEUTICALS LTD.,	20/06/2008	DELHI
2	263154	2697/DELNP/2008	30/10/2006	16/01/2006	ULTRA-STRONG PERMANENT- MAGNETIC VORTEX AGITATOR	SHANDONG HUATE MAGNET TECHNOLOGY CO. LTD	25/07/2008	DELHI
3	263156	2157/DELNP/2008	31/08/2006	12/09/2005	AN APPARATUS AND PROCESS FOR INCREASING THE VISCOSITY OF A POLYMER	UOP LLC	11/07/2008	DELHI
4	263160	1768/DELNP/2007	01/08/2005	06/08/2004	DATA-FLOW QUALITY CONTROL IN A DSL SYSTEM	ALCATEL LUCENT	17/08/2007	DELHI
5	263161	2965/DELNP/2009	25/10/2007	31/10/2006	POLYETHER POLYOL, RIGID POLYURETHANE FOAM AND PROCESSES FOR PRODUCTION THEREOF	MITSUI CHEMICALS, INC.	17/07/2009	DELHI
6	263163	3763/DELNP/2007	17/11/2005	22/11/2004	METHOD FOR SUPPLYING LUBRICATING OIL IN COLD ROLLING	NIPPON STEEL & SUMITOMO METAL CORPORATION,ARCE LORMITTAL France	24/08/2007	DELHI
7	263164	826/DEL/2007	16/04/2007 12:26:50	20/04/2006	FRONT VEHICLE BODY STRUCTURE	HONDA MOTOR CO., LTD.	02/11/2007	DELHI
8	263165	2537/DELNP/2006	17/11/2004	19/11/2003	PYROLYSIS HEATER	ABB LUMMUS GLOBAL INC.	10/08/2007	DELHI
9	263167	3573/DELNP/2007	25/11/2005	26/11/2004	A CARBURETTOR	RICARDO UK LIMITED	31/08/2007	DELHI
10	263168	3683/DELNP/2009	19/12/2007	19/12/2006	PROCESS FOR PREPARING A BETA- NUCLEATING AGENT	BOREALIS TECHNOLOGY OY	01/01/2010	DELHI
11	263169	3252/DELNP/2007	27/10/2005	28/10/2004	METHOD OF MANUFACTURE OF FAST-DISINTEGRATING SOLID DOSAGE FORM	PANTEC AG	31/08/2007	DELHI

				1				
12	263170	9407/DELNP/2007	20/06/2006	21/06/2005	A FUNGICIDE COMPOSITION	BAYER CROPSCIENCE S.A.	20/06/2008	DELHI
13	263171	77/DELNP/2008	29/06/2006	06/07/2005	PROCESS FOR THE PRODUCTION OF ALKENES FROM A FEEDSTOCK	BP CHEMICALS LIMITED	11/07/2008	DELHI
14	263172	5086/DELNP/2006	24/02/2005	27/02/2004	A FAST CALL SETUP METHOD	NORTEL NETWORKS LIMITED	22/06/2007	DELHI
15	263173	1520/DELNP/2006	24/09/2004	30/09/2003	METHOD FOR SYNCHRONIZING ALARMS IN A MANAGEMENT SYSTEM OF A COMMUNICATIONS NETWORK	SIEMENS AKTIENGESELLSCHA FT.	10/08/2007	DELHI
16	263174	4654/DELNP/2006	26/01/2005	13/02/2004	ROD GUIDE AND SEAL SYSTEM FOR GAS FILLED SHOCK ABSORBERS	TENNECO AUTOMOTIVE OPERATING COMPANY INC.	24/08/2007	DELHI
17	263177	1324/DELNP/2005	04/09/2003	09/09/2002	GENETIC ANALYSIS AND AUTHENTICATION	BIOARRAY SOLUTIONS LTD.,.	31/10/2008	DELHI
18	263183	5576/DELNP/2006	07/03/2005	11/03/2004	RAZORS AND SHAVING CARTRIDGES WITH GUARD.	THE GILLETTE COMPANY	31/08/2007	DELHI
19	263185	57/DEL/2009	13/01/2009		COMPOSITION FOR DECONTAMINATING CHEMICAL WARFARE AGENT AND A PROCESS OF PREPARATION THEREOF	DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION	23/07/2010	DELHI
20	263187	1459/DEL/2005	07/06/2005	28/07/2004	SYSTEM FOR REDUCING COMPRESSOR NOISE AND SUSPENSION SPRING AND SNUBBER ARRANGEMENT THEREFORE	PANASONIC REFRIGERATION DEVICES SINGAPORE PTE LTD.	24/11/2006	DELHI
21	263188	4564/DELNP/2007	20/03/2006	23/03/2005	WINDMILL-TYPE ELECTRIC GENERATION SYSTEM	HONG, GU DUCK	31/08/2007	DELHI
22	263189	6514/DELNP/2008	13/02/2006	27/12/2005	METHOD AND APPARATUS FOR PRODUCING METHANOL WITH HYDROCARBON RECYCLING	GAS TECHNOLOGIES LLC	24/10/2008	DELHI
23	263192	1279/DEL/2009	22/06/2009	02/07/2008	A MULTI-STAGE EMULSION POLYMER	ROHM AND HAAS COMPANY	23/04/2010	DELHI
24	263193	1741/DELNP/2008	28/08/2006	26/08/2005	DECELLULARIZATION OF ORGANS AND TISSUES	REGENTS OF THE UNIVERSITY OF MINNESOTA	25/07/2008	DELHI

25	263196	971/DEL/2007	04/05/2007	05/05/2006	POWER ALLOCATION MANAGEMENT IN AN INFORMATION HANDLING SYSTEM	DELL PRODUCTS L.P.	09/11/2007	DELHI
26	263197	3822/DELNP/2004	10/06/2003	10/06/2002	A TYRE FOR VEHICLES CARRYING HEAVY LOADS	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN,MICHELIN RECHERCHE ET TECHNIQUE S.A.	20/11/2009	DELHI
27	263198	7814/DELNP/2006	19/07/2005	20/07/2004	DNA CODING FOR POLYPEPTIDE PARTICIPATING IN BIOSYNTHESIS OF PLADIENOLIDE	EISAI R&D MANAGEMENT CO., LTD.	17/08/2007	DELHI
28	263199	2101/DELNP/2006	21/09/2004	29/09/2003	PROCESS FOR THE PREPARATION OF CHIRAL PROPIONIC ACID DERIVATIVES	F. HOFFMANN-LA ROCHE AG	03/02/2012	DELHI
29	263203	7635/DELNP/2007	13/04/2006	14/04/2005	Diagnostic Kit for Simultaneous Measurement of Antibiotics of Different Classes, and Method thereof	UNISENSOR S.A	09/11/2007	DELHI
30	263204	660/DEL/2005	28/03/2005		ZONE BASED QUALITY OF SERVICE IN A FIBRE CHANNEL FABRIC	CISCO TECHNOLOGY, INC.	01/12/2006	DELHI
31	263206	4444/DELNP/2006	13/01/2005	06/02/2004	A BIMORPH MIRROR WITH TWO PIEZOELECTRIC LAYERS SEPARATED BY A CENTRAL CORE OF SEMIRIGID MATERIAL	SOCIETE EUROPEENNE DE SYSTEMES OPTIQUES	10/08/2007	DELHI
32	263207	2272/DELNP/2007	28/09/2005	28/09/2004	AN ISOLATED MUTANT ATPE PROTEIN	JANSSEN PHARMACEUTICA N.V.,	03/08/2007	DELHI
33	263214	366/DELNP/2008	05/05/2005	10/05/2004	PET FOOD COMPOSITION	THE IAMS COMPANY	08/02/2008	DELHI
34	263217	1538/DEL/2005	14/06/2005		A METHOD FOR SOLID BLASTING IN UNDERGROUND COAL MINES	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	31/07/2009	DELHI
35	263222	3522/DELNP/2004	08/05/2003	17/05/2002	METHOD AND RADIO COMMUNICATION DEVICE FOR THE TRANSMISSION- EFFICIENT EDITING OF MULTIMEDIA NEWS	SIEMENS AKTIENGESELLSCHA FT	09/10/2009	DELHI

27	262224	1/210/DEL ND/2007	12/07/2005	03/09/3004	INLINE INTRUSION	AND PREVENTION, CORNE LL RESEARCH FOUNDATION, INC. CISCO TECHNOLOGY,	02/09/2007	DELTI
37	263224	1610/DELNP/2007	12/07/2005	02/08/2004	DETECTION USING A SINGLE PHYSICAL PORT	INC.	03/08/2007	DELHI
38	263225	2747/DEL/2008	04/12/2008		A NOVEL INTERFERING RNA (SIRNA) TARGETING THE HUMAN PAPILLOMA VIRUS-16 ENHANCER	DEPARTMENT OF BIOTECHNOLOGY,ALL INDIA INSTITUTE OF MEDICAL SCIENCE	11/06/2010	DELHI
39	263226	2426/DELNP/2004	05/03/2003	05/03/2002	VOICE ACTIVITY DETECTION (VAD) DEVICES AND METHODS FOR USE WITH NOISE SUPPRESSION SYSTEMS	ALIPHCOM	02/10/2009	DELHI
40	263228	3498/DELNP/2006	06/11/2004	05/01/2004	USER INTERFACE FOR A DEVICE FOR PLAYBACK OF AUDIO FILES	THOMSON LICENSING	31/08/2007	DELHI
41	263230	1366/DELNP/2007	02/09/2005	03/09/2004	HUMANIZED ANTI-BETA7 ANTIBODIES	GENENTECH,INC.	24/08/2007	DELHI
42	263231	599/DEL/2004	25/03/2004	25/04/2003	CALIBRATION OF A DEVICE LOCATION MEASUREMENT SYSTEM THAT UTILIZES WIRELESS SIGNAL STRENGTHS	MICROSOFT CORPORATION	16/06/2006	DELHI
43	263232	1189/DELNP/2007	07/07/2005	14/07/2004	RECOMBINANT PKX PLASMID	TATULOV BORIS EDUARDOVICH	27/04/2007	DELHI
44	263233	584/DEL/2006	07/03/2006	10/03/2005	METHODS FOR DYNAMICALLY CONFIGURABLE WIRELESS NETWORK	DELL PRODUCTS L.P.	13/07/2007	DELHI
45	263234	228/DEL/2004	19/02/2004	25/02/2003	ENROLLING/SUB- ENROLLING A DIGITAL RIGHTS MANAGEMENT (DRM) SERVER INTO A DRM ARCHITECTURE	MICROSOFT CORPORATION	03/03/2006	DELHI
46	263239	1036/DEL/2002	16/10/2002	23/10/2001	A FUEL APPARATUS	HONDA GIKEN KOGYA KABUSHIKI KAISHA	28/01/2005	DELHI

47	263242	9022/DELNP/2007	19/05/2006	20/05/2005	HIGH-LEVEL EXPRESSION OF RECOMBINANT ANTIBODY IN A MAMMALIAN HOST CELL	LONZA BIOLOGICS PLC.	04/01/2008	DELHI
48	263245	4074/DELNP/2009	12/12/2007	22/12/2006	EDIBLE FILM-SHAPED PREPARATION WITH COLA TASTE	LTS LOHMANN THERAPIE-SYSTEME AG	09/04/2010	DELHI
49	263248	5455/DELNP/2006	24/03/2005	14/04/2004	A MANDREL	IMPERIAL CHEMICAL INDUSTRIES LIMITED.	03/08/2007	DELHI
50	263251	1491/DELNP/2008	17/08/2006	17/08/2005	SIRNA-HYDROPHILIC POLYMER CONJUGATES AND PROCESS OF PREPARATION THEREOF	BIONEER CORPORATION,SAMY ANG CORPORATION,KORE A ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY	20/06/2008	DELHI
51	263252	4905/DELNP/2008	06/12/2006	16/12/2005	'VANE-TYPE DEMISTER'	UOP LLC	08/08/2008	DELHI
52	263254	1523/DELNP/2006	20/09/2004	30/09/2003	GRANTING AN ACCESS TO A COMPUTER- BASED OBJECT	SIEMENS AKTIENGESELLSCHA FT	10/08/2007	DELHI
53	263255	6219/DELNP/2007	01/02/2006	01/02/2005	PAPILLOMAVIRUS L2 N-TERMINAL PEPTIDES FOR THE INDUCTION OF BROADLY CROSS- NEUTRALIZING ANTIBODIES	THE GOVERNMENT OF THE UNITED STATES OF AMERICA , AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES,THE JOHNS HOPKINS UNIVERSITY	31/08/2007	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seri al Nu mbe r	Patent Number	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	263144	3517/MUM/2010	24/12/2010		A DESALINATION SYSTEM TO RECEIVE SALINE WATER	KAISER IRANI	11/02/2011	MUMBAI
2	263145	2308/MUM/2007	23/11/2007		A DUCT STRUCTURE FOR AN AIR - CONDITIONED VEHICLE	TATA MOTORS LIMITED	28/12/2007	MUMBAI
3	263149	1185/MUM/2009	05/05/2009 15:38:08		METHOD OF SCAVENGING HYDROGEN SULPHIDE FROM LIQUIDS	DORF KETAL CHEMICALS INDIA PVT LTD	19/11/2010	MUMBAI
4	263150	2060/MUMNP/20 08	10/04/2007	11/04/2006	A METHOD FOR PROCESSING DIFFERENT IMAGES OF DIFFERENT SIZES AND A DEVICE THEREOF	QUALCOMM INCORPORATED	24/10/2008	MUMBAI
5	263153	11/MUMNP/2008	31/05/2006	28/06/2005	A CABLE SUPPORT SYSTEM FOR ESTABLISHING A CONNECTION BETWEEN TWO CABLE SUPPORT DEVICE ELEMENTS AS WELL AS CONNECTION ELEMENT	OBO BETTERMANN GMBH & CO. KG	08/02/2008	MUMBAI
6	263157	527/MUMNP/200 8	29/08/2006	30/08/2005	PROCESS FOR PRODUCTION OF CHLORINATED SUCROSE COMPOUND	NA	11/04/2008	MUMBAI
7	263159	1046/MUM/2005	30/08/2005		TIME-CORRELATED, SIMULTANEOUS MEASUREMENT AND ANALYSIS OF NETWORK SIGNALS FROM MULTIPLE COMMUNICATION NETWORKS	TEKTRONIX, INC.	29/06/2007	MUMBAI
8	263166	2044/MUMNP/20 08	12/03/2007	28/03/2006	PROCESS FOR PRODUCING A STAMPABLE REINFORCED COMPOSITE SEMI-FINISHED PRODUCT	FIBROLINE FRANCE	20/02/2009	MUMBAI
9	263175	2192/MUMNP/20 10	03/06/2009	04/06/2008	AMIDE COMPOUNDS, METHOD OF PREPATIONS	SINOCHEM CORPORATION.,SHEN YANG RESEARCH INSTITUTE OF CHEMICAL INDUSTRY CO. LTD.	14/10/2011	MUMBAI

10	263176	1979/MUMNP/20 09	01/05/2008	11/05/2007	A COMPUND OF FORMMULA -I	ELI LILLY AND COMPANY	04/06/2010	MUMBAI
11	263178	1876/MUM/2007	24/09/2007		IMPROVED BRAKE SYSTEM FOR AUTOMOBILES	TATA MOTORS LIMITED	07/12/2007	MUMBAI
12	263180	136/MUMNP/200 8	11/09/2006	13/09/2005	SYSTEMS AND METHODS FOR MULTIPLE FUNCTION ELECTRONIC WEAPONRY	TASER INTERNATIONAL, INC.,	07/09/2012	MUMBAI
13	263182	1622/MUM/2007	24/08/2007		A SWING GATE FOR REGULATING OUTFLOW OF WATER FROM TIDAL REGULATORS	GODBOLE PRASHANT PRABHAKAR	27/06/2008	MUMBAI
14	263190	118/MUM/2007	19/01/2007 12:21:43		PHARMACEUTICAL COMPOSITIONS OF ENTACAPONE	WOCKHARDT LTD	19/09/2008	MUMBAI
15	263200	319/MUMNP/200 8	11/08/2006	15/08/2005	SEISMIC EXPLORATION USING INTERFEROMETRIC	STATEOIL PETROLEUM AS	26/06/2009	MUMBAI
16	263215	2768/MUM/2010	05/10/2010 11:58:42		PROCESS FOR PRODUCTION OF FURFURAL FROM XYLOSE BY USING HETEROGENEOUS CATALYST	YADAV GANAPATI DADASAHEB	03/12/2010	MUMBAI
17	263219	2033/MUM/2009	07/09/2009		A NOVEL CATLYST FOR THE SYNTHESIS OF GLYCIDOL DIRECTLY FROM GLYCEROL AND PROCESS THEREOF	YADAV GANAPATI DADASAHEB	21/05/2010	MUMBAI
18	263221	588/MUMNP/200 9	22/09/2007	25/09/2006	A PHARMACEUTICAL COMPOSITION COMPRISING SUBSTITUTED PIPERIDINOPHENYL OXAZOLIDINONES AND PROCESS FOR PREPARING THE SAME	Wockhardt Research Centre	22/05/2009	MUMBAI
19	263257	1182/MUM/2007	18/06/2007		PROCESS FOR ISOLATION OF ACTIVE TRAMADOL HYDROCHLORIDE	WANBURY LIMITED	05/06/2009	MUMBAI
20	263259	1633/MUM/2009	13/07/2009 14:21:10		A PROCESS FOR PRODUCING MICRO- PELLETS OF ANTHRACITE COAL	ESSAR STEEL LIMITED	14/10/2011	MUMBAI
21	263260	1853/MUMNP/20 08	14/08/2007	14/08/2006	A METHOD AND APPARATUS FOR ACHIEVING FREQUENCY DOMAIN SCHEDULING IN A TIME DIVISION DUPLEX SYSTEM	CHINA ACADEMY OF TELECOMMUNICATIO NS TECHNOLOGY	13/02/2009	MUMBAI

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Seri al Nu mbe r	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	263148	319/CHENP/2007	28/10/2003	29/10/2002	EMBOLIZATION MATERIAL	TORAY INDUSTRIES, INC	24/08/2007	CHENNAI
2	263152	58/CHENP/2007	06/06/2005	07/06/2004	APPARATUS COMPRISING FORMING MEANS ARRANGED TO OPERATE ACCORDING TO AN INJECTION OR COMPRESSION MOULDING TECHNOLOGY	SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA	24/08/2007	CHENNAI
3	263155	1121/CHE/2005	11/08/2005	16/08/2004	BURNER AND METHOD FOR COMBUSTING FUELS	AIR PRODUCTS AND CHEMICALS, INC.	20/07/2007	CHENNAI
4	263158	5259/CHENP/2008	27/02/2007	02/03/2006	STEEL TUBE WITH EXCELLENT STEAM OXIDATION RESISTANCE AND METHOD FOR PRODUCING THE STEEL TUBE	NIPPON STEEL & SUMITOMO METAL CORPORATION	20/03/2009	CHENNAI
5	263162	4109/CHENP/2007	15/03/2006	18/03/2005	BRIDGED METALLOCENE COMPOUNDS	BASELL POLYOLEFINE GmbH	16/11/2007	CHENNAI
6	263179	3154/CHENP/2007	16/12/2005	20/12/2004	A METHOD AND A SYSTEM FOR INTEGRATION OF MEDICAL DATA AND A GEOMETRIC MODEL OF A MOVABLE BODY	KONINKLIJKE PHILIPS ELECTRONICS N.V.	07/09/2007	CHENNAI
7	263181	4556/CHENP/2006	13/06/2005	15/06/2004	METHOD OF ESTABLISHING COMMUNICATION BETWEEN SUBSCRIBERS IN A COMUNICATION NETWORK AND SYSTEM THEREOF	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	29/06/2007	CHENNAI
8	263191	6744/CHENP/2008	23/05/2007	09/06/2006	MOLD TOOL FOR THE PRODUCTION OF EXTRUSION BLOW MOLDED PRODUCTS	KAUTEX TEXTRON GMBH & CO.,KG.,	27/03/2009	CHENNAI

9	263195	1387/CHENP/2008	22/09/2006	22/09/2005	DEVICE, STRAP AND GARMENT FOR TREATING SKIN AND SUBCUTANEOUS TISSUE DISORDERS AND FOR REPAIRING SPORTS INJURY, AND METHOD FOR MAKING SAME	THUASNE	28/11/2008	CHENNAI
10	263201	1888/CHE/2006	11/10/2006 16:01:17	11/10/2005	PISTON ENGINE	NEANDER MOTORS AG	07/12/2007	CHENNAI
11	263202	5134/CHENP/2007	10/04/2006	14/04/2005	UNDERGROUND AND PARTLY SUBMERGED PIPE WINDING APPARATUS AND METHOD	SEKISUI RIB LOC AUSTRALIA PTY LTD.	27/06/2008	CHENNAI
12	263208	1521/CHENP/2008	22/08/2006	30/08/2005	PROCESS FOR PRODUCING IMIDAZO[1,2- b]PYRIDAZINE COMPOUND	SUMITOMO CHEMICAL COMPANY LIMITED	28/11/2008	CHENNAI
13	263212	3887/CHENP/2007	07/03/2006	07/03/2005	AMMUNITION CASING	SOLVAY ADVANCED POLYMERS, LLC	27/06/2008	CHENNAI
14	263213	4451/CHENP/2008	07/11/2006	28/02/2006	A HOT ROLLED WIRE ROD AND A METHOD OF MANUFACTURING THE SAME	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)	13/03/2009	CHENNAI
15	263220	197/CHE/2006	06/02/2006		A PROCESS FOR TREATING WATER LIQUID OR SOLID SUBSTANCE AND SYSTEM THEREFOR	AQUA DYN	02/05/2008	CHENNAI
16	263227	5131/CHENP/2007	09/05/2006	13/05/2005	PROCESS FOR THE GAS-PHASE POLYMERIZATION OF ALPHA-OLEFINS	BASELL POLIOLEFINE ITALIA S.R.L	27/06/2008	CHENNAI
17	263229	209/CHENP/2008	09/07/2004	10/07/2003	A METHOD FOR PRESSURE FILLING PROPELLANT AND PRODUCT INTO A BAG-ON-AEROSOL- VALVE	PRECISION VALVE CORPORATION	19/09/2008	CHENNAI
18	263238	776/CHENP/2009	03/08/2007	11/08/2006	ZINC ELECTRO- PLATED STEEL SHEET HAVING EXCELLENT STAIN RESISTANCE	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)	29/05/2009	CHENNAI
19	263246	6005/CHENP/2008	03/05/2007	05/05/2006	MULTI-ZONE, SINGLE TRIP WELL COMPLETION SYSTEM AND METHOD OF USE	BJ SERVICES COMPANY	27/03/2009	CHENNAI
20	263247	2160/CHE/2008	04/09/2008	06/09/2007	HEAVY METAL COLLECTION SYSTEM	KABUSHIKI KAISHA TOSHIBA	21/08/2009	CHENNAI

21	263253	3582/CHENP/2007	14/02/2006	16/02/2005	PROCESS FOR MAKING TRANS-1- ((1R,3S)-6-CHLORO-3- PHENYLINDAN-1-YL)- 3,3- DIMETHYLPIPERAZIN E	H. LUNDBECK A/S	16/11/2007	CHENNAI
22	263256	1180/CHENP/2007	22/09/2005	22/09/2004	A METHOD FOR CONTROLLING ONE OR MORE CHARACTERISTICS OF A SERVICE RECEIVED BY A MOBILE STATION IN A MOBILE COMMUNICATIONS NETWORK	MICROSOFT CORPORATION	31/08/2007	CHENNAI
23	263258	6206/CHENP/2008	07/05/2007	15/05/2006	COMPOSITION BASED ON OXIDES OF ZIRCONIUM, CERIUM AND LANTHANUM AND OF YTTRIUM, GADOLINIUM SAMARIUM, WITH HIGH SPECIFIC SURFACE AND REDUCIBILITY	RHODIA OPERATIONS	27/03/2009	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Ser ial Nu mb er	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	263146	4313/KOLNP/2007	12/12/2003	17/12/2002	AN OPTICAL RECORDING MEDIUM HAVING A PLURALITY OF RECORDING LAYERS	MITSUBISHI KAGAKU MEDIA CO. LTD.	04/04/2008	KOLKATA
2	263151	792/KOLNP/2008	26/08/2005	26/08/2005	A POWER SEMICONDUCTOR MODULE WITH LOAD CONNECTION ELEMENTS	SIEMENS AKTIENGESELLSCHAF T	21/11/2008	KOLKATA
3	263184	790/KOLNP/2007	09/09/2005	10/09/2004	APPARATUS FOR ANALYSING A DIGITAL SIGNAL REPRESENTING A COMMUNICATIONS SIGNAL COMPRSING A PHASE ERROR ESTIMATION MEANS	MSTAR SEMICONDUCTOR INC.,MSTAR SOFTWARE R&D (SHENZHEN) LTD.,MSTAR FRANCE SAS,MSTAR SEMICONDUCTOR, INC.	13/07/2007	KOLKATA
4	263186	2452/KOLNP/2007	20/12/2005	23/12/2004	METHOD OF CONTROLLING OPTICAL AMPLIFIER LOCATED ALONG AN OPTICAL LINK	ECI TELECOM LTD.	24/08/2007	KOLKATA
5	263194	3422/KOLNP/2006	24/05/2005	18/06/2004	ARRANGEMENTAND METHOD FOR CONTROLLING A COMPUTER APPARATUS BASED ON EYE-TRACKING.	TOBII TECHNOLOGY AB	15/06/2007	KOLKATA
6	263205	287/KOLNP/2007	05/08/2005	13/08/2004	A TELECOMMUNICATIO N NETWORK FOR ACHIEVING TIME SYNCHRONISM BETWEEN A TRANSMITTER AND A RECEIVER IN TIME DIVISION MULTIPLE ACCESS (TDMA) COMMUNICATION SYSTEMS AND METHOD OF APPLYING THE SAME	MSTAR SEMICONDUCTOR INC.,MSTAR SOFTWARE R&D (SHENZHEN) LTD.,MSTAR FRANCE SAS,MSTAR SEMICONDUCTOR, INC.	06/07/2007	KOLKATA
7	263209	876/KOL/2008	14/05/2008	16/05/2007	ROTARY SWITCH FOR USE IN DETECTING ORIENTATION	PANASONIC CORPORATION	24/04/2009	KOLKATA

					EIGHT SPEED TRANSMISSION WITH FIVE TORQUE-	GM GLOBAL		
8	263210	335/KOL/2008	25/02/2008	16/03/2007	TRANSMITTING DEVICES AND FOUR PLANETARY GEAR SETS	TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
9	263211	1639/KOL/2007	05/12/2007	09/12/2006	MANIFOLD FLANGES FOR MOUNTING ON THE CYLINDER HEAD OF INTERNAL COMBUSTION ENGINE	TENNECO GMBH	10/04/2009	KOLKATA
10	263216	3270/KOLNP/2007	15/03/2006	16/03/2005	NOVEL IMIDAZO[1,5-A]PYRIDINE DERIVATIVES, METHOD FOR PREPARING SAME AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME	SANOFI-AVENTIS	04/01/2008	KOLKATA
11	263218	2878/KOLNP/2008	19/01/2007	20/01/2006	AN ELECTRICAL OR ELECTRONIC DEVICE HAVING A PROTECTIVE LIQUID REPELLENT POLYMERIC NANO- COATING	P2I LTD.	06/02/2009	KOLKATA
12	263235	5003/KOLNP/2008	15/05/2007	15/05/2006	SUBSTITUTED PYRAZOLOPYRIMIDIN ES	CEPHALON, INC.	27/03/2009	KOLKATA
13	263236	2107/KOLNP/2006	10/02/2005	11/02/2004	PROCESS FOR MAKING FILLED SILICONE RUBBER COMPOSITIONS	DOW CORNING CORPORATION	18/05/2007	KOLKATA
14	263237	1342/KOLNP/2009	05/10/2007	06/10/2006	DRIED RECONSTITUTED VESICLE FORMATION FOR PHARMACEUTICAL APPLICATION	SCIL TECHNOLOGY GMBH	29/05/2009	KOLKATA
15	263240	1317/KOLNP/2008	11/10/2006	13/10/2005	POROUS MULTILAYERED HOLLOW-FIBER MEMBRANE AND PROCESS FOR PRODUCING THE SAME	ASAHI KASEI CHEMICALS CORPORATION	26/12/2008	KOLKATA
16	263241	1600/KOL/2007	26/11/2007	28/11/2006	CONTROL SYSTEM FOR A HYBRID POWER TRAIN SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	11/07/2008	KOLKATA
17	263243	2438/KOLNP/2006	17/12/2004	25/03/2004	MATERIAL FEED CONTAINER FOR A THICK-MATTER PUMP	PUTZMEISTER ENGINEERING GMBH	25/05/2007	KOLKATA

18	263244	3106/KOLNP/2007	09/02/2006	09/02/2005	LIQUID FOMULATIONS FOR TREATMENT OF DISEASES OR CONDITIONS	SANTEN PHARMACEUTICAL CO., LTD.	28/12/2007	KOLKATA
19	263249	1415/KOL/2007	16/10/2007		COMPOSITION FOR ITS APPLICATION ON TEA LEAVES FOR INHIBITING THE ATTACK OF HELOPELTIS	DR. HASMOT SAIKH	28/12/2007	KOLKATA
20	263250	3748/KOLNP/2006	17/05/2005	17/05/2004	HEAT STERILIZATION OF GLUCOCORTICOSTER OIDS	NORTON HEALTHCARE ,LTD.,	15/06/2007	KOLKATA
21	263261	4202/KOLNP/2007	03/05/2006	03/05/2005	A METHOD OF CHANGING A RADIO ACCESS CONFIGURATION BETWEEN A TERMINAL AND A RADIO NETWORK CONTROLLER	LG ELECTRONICS INC.	06/06/2008	KOLKATA
22	263264	3678/KOLNP/2007	29/03/2006	29/03/2005	OPTICAL RECORDING MEDIUM AND METAL COMPLEX COMPOUND	MITSUBISHI KAGAKU MEDIA CO., LTD	07/03/2008	KOLKATA

CONTINUED TO PART- 2

CONTINUED FROM PART- 1

INTRODUCTION

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

THE DESIGNS ACT 2000 SECTION 30 DESIGN ASSIGNMENT

The Design stands in the name of HOWE A/S. registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name	
234637	06-01	DLR DESIGN, LLC, OF THE ADDRESS 739 PARK BOULEVARD, MARION, VA 24354, USA	

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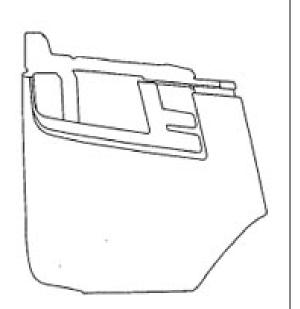
SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	196975	22.09.2014
2.	197221	22.09.2014
3.	217003	19.09.2014
4.	217002	19.09.2014
5.	223081	19.09.2014
6.	224583	19.09.2014
7.	224069	19.09.2014
8.	225362	19.09.2014
9.	225257	19.09.2014
10.	225079	19.09.2014
11.	225893	19.09.2014
12.	250485	19.09.2014
13.	206233	19.09.2014
14.	206232	19.09.2014
15.	232817	19.09.2014

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	259924					
CLASS	12-16					
1)TATA MOTORS LIMITED, AN BOMBAY HOUSE, 24 HOMI MO 400001, MAHARASHTRA, INDIA						
DATE OF REGISTRATION	31/01/2014					
TITLE	TAILGATE OF A VEHICLE					
PRIORITY NA						
DESIGN NUMBER	260388					
CLASS	26-05					
INDIAN COMPANIES ACT),	SATIVALI ROAD, VASAI (EAST)-401208, RA (INDIA)					
DATE OF REGISTRATION	17/02/2014					
TITLE	NIGHT LAMP					
PRIORITY NA						
DESIGN NUMBER	259237					
CLASS	23-99					
1)UMANGKUMAR RAJESHKUMAR SONI (ADULT & INDIAN NATIONAL) HAVING PLACE OF BUSINESS AT: B/1, 505, ALOK RESIDENCY, KALIGAM ROAD, NR. BANK OF BARODA, NEW RANIP, AHMEDABAD-GUJARAT-(INDIA)						
DATE OF REGISTRATION	06/01/2014					
TITLE	SOLAR WATER DISTILATION SYSTEM					
PRIORITY NA		4				

DESIGN NUMBER	257995				
CLASS	12-16				
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STRASSE 667, 80995 MÜNCHEN, GERMANY					
DATE OF REGISTRATION	06/11/2013				
TITLE	RIGHT BUMPER FOR VEHICLES				



PRIORITY NA

DESIGN NUMBER	257710	
CLASS	08-06	

1)MR. PARESHBHAI DHARAMSHIBHAI SABHAYA., AN INDIAN NATIONAL SOLE PROPRIETOR OF M/S. JAY KHODIYAR INDUSTRIES., AN INDIAN PROPRIETORSHIP FIRM., HAVING ITS PRINCIPAL PLACE OF BUSINESS AT,

2/8, GOKUL NAGAR, OPP. BANSI PAN, 50 FEET ROAD, KOTHARIYA MAIN ROAD, KOTHARIYA MAIN ROAD, RAJKOT-02

DATE OF REGISTRATION	24/10/2013	
TITLE	HANDLE	



PRIORITY NA

DESIGN NUMBER	259801	
CLASS	09-03	

1)PARIS PERFUMES & COSMETICS PVT LTD. AN INDIAN NATIONAL COMPANY INCORPORATED UNDER THE COMPANIES ACT 1956

BARODA-JAMBUSAR N. H. WAY ROAD, AT & PO. DABHASA, TA. PADRA-391440, DIST. BARODA (GUJARAT), INDIA.

DATE OF REGISTRATION	29/01/2014	
TITLE	CONTAINER	



DESIGN NUMBER		259855	
CLASS		13-03	625
1)SIEMENS AKTIENGESELLSCH OF WITTELSBACHERPLATZ 2, 80 COMPANY			
DATE OF REGISTRATION	30	0/01/2014	
TITLE	SWITC	HING DEVICE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001381305	20/08/2013	OHIM	7
DESIGN NUMBER		259568	
CLASS		06-04	
1)GODREJ & BOYCE MFG. CO. L LAWS OF INDIA HAVING ITS PLAC NO. 1, SIDCO INDUSTRIAL ESTA	The property		
DATE OF REGISTRATION	22/01/2014		HHATTI
TITLE	CABINET FOR STORAGE OF PAINTINGS		
PRIORITY NA			
DESIGN NUMBER		259927	
CLASS	12-16		
1)TATA MOTORS LIMITED, AN I BOMBAY HOUSE, 24 HOMI MOD 001, MAHARASHTRA, INDIA			
DATE OF REGISTRATION	31/01/2014		
TITLE	DOOR TOP ROLL OF A VEHICLE		
PRIORITY NA			PERSPECTIVE VIEW

DESIGN NUMBER		260012	
CLASS		26-06	
1)TATA MOTORS LIMITED, AN BOMBAY HOUSE, 24 HOMI MO 001, MAHARASHTRA, INDIA			
DATE OF REGISTRATION	3	1/01/2014	
TITLE	FOG LAM	IP OF A VEHICLE	
PRIORITY NA			
DESIGN NUMBER		251790	
CLASS		13-99	
HAVING ITS REGISTERED OFFI 110049, INDIA, AN INDIAN COMPA DATE OF REGISTRATION TITLE	DYEE, SLAT LAKE CITY, KOLKATA-700091, CE AT BHEL HOUSE SIRI FORT, NEW DELHI- NY 19/02/2013 EDGE FRAME FOR SOLAR MODULES		
PRIORITY NA			
DESIGN NUMBER CLASS		259013 03-01	
1)PING-CHIEN CHEN NO.29, LN. 385, SEC.2, JINHUA F (R.O.C.)	LRD., SOUTH DIST., TA		00
DATE OF REGISTRATION	2	6/12/2013	160
TITLE	HANDBAG		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
102304705	05/07/2013 TAIWAN		

DESIGN NUMBER		258410	
CLASS		11-01	
1)DE BEERS CENTENARY AG, O ALPENSTRASSE 5, 6000 LUZERN			
DATE OF REGISTRATION	27	7/11/2013	
TITLE	В	ANGLE	
PRIORITY NA			
DESIGN NUMBER		258630	
CLASS		12-11	
1)HONDA MOTOR CO., LTD., A C 1-1, MINAMI-AOYAMA 2-CHOM			
DATE OF REGISTRATION	09	9/12/2013	
TITLE	FRONT COWL	FOR MOTORCYCLES	-0-
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2013-013389	13/06/2013	JAPAN	
DESIGN NUMBER		257712	
CLASS		07-02	
1)(1). DHAVAL H. PATEL, (2). BHI VARMORA AND (4). KALPESH A. I DIRECTORS OF VARMORA PLAST INCORPORATED UNDER THE CO PRINCIPLE PLACE OF BUSINESS. PO. VASNA CHACHARVADI, NR CHANGODAR-AHMEDABAD HIGHT 382213. GUJARAT-INDIA	PATEL., ALL INDIANTECH PVT. LTD., A OMPANIES ACT, 1956 AT, PLOT NO. 3, SUI. DIVYA BHASKAR F	N NATIONAL COMPANY 5., HAVING ITS RVEY/BLOCK NO. 86, PRESS, BAVLA-	
DATE OF REGISTRATION	24	4/10/2013	
TITLE	CONT	ΓAINER LID	
PRIORITY NA			

DESIGN NUMBER	256244	
CLASS	03-01	

1)FURLA S.P.A.

VIA BELLARIA, 3-5 I-40068 SAN LAZZARO DI SAVENA (BOLOGNA) ITALY, NATIONALITY: ITALY

DATE OF REGISTRATION	05/09/2013	
TITLE	HANDBAG	



PRIORITY

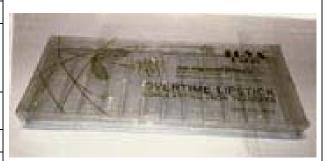
PRIORITY NUMBER	DATE	COUNTRY
001367395-0001	10/04/2013	OHIM

DESIGN NUMBER	259361	
CLASS	03-01	

1)SH. SONAL JAIN (AN INDIAN NATIONAL) (PROPRIETOR) TRADING AS LITTLE PROFIT TRADING COMPANY,

2804, 2ND FLOOR, MAIN QUTAB ROAD, SADAR BAZAR, DELHI-110 006

DATE OF REGISTRATION	13/01/2014	
TITLE	LIPSTICK BOX	
DDIODEEX NA		



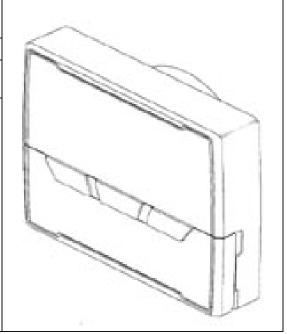
PRIORITY NA

DESIGN NUMBER	259417
CLASS	13-03

1)LSIS CO., LTD.

OF 1026-6, HOGYE-DONG, DONGAN-GU, ANYANG-SI, GYEONGGI-DO, KOREA

DATE OF REGISTRATION	15/01/2014	
TITLE	TERMINAL FOR MOTOR-PROTECTION RELAY	



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2013-0038850	26/07/2013	REPUBLIC OF KOREA

DESIGN NUMBER	259570	
CLASS	08-08	
LAWS OF INDIA HAVING ITS PLA	TD., COMPANY REGISTERED UNDER THE CE OF BUSINESS AT ATE, AMBATTUR, CHENNAI-600098, INDIA	
DATE OF REGISTRATION	22/01/2014	
TITLE	DEVICE FOR SUPPORTING PALLET STORING RAILS IN STORAGE FURNITURES	
PRIORITY NA		
DESIGN NUMBER	255177	
CLASS	08-05	
1)ELECTRO PLASMA EQUIPME LIMITED COMPANY REGISTERE 1956), OF UNIT NO. 104, ACME INDUST WESTERN EXPRESS HIGHWAY, GO MAHARASHTRA, INDIA.		
DATE OF REGISTRATION 11/07/2013		
TITLE	PLASMA TORCH FOR CUTTING METALS	
PRIORITY NA		
DESIGN NUMBER	258957	
CLASS	08-07	
1)SARASWATI INDUSTRIES., (A INDIAN PARTNERSHIP ACT, 1932, VALLABH ROAD, ASHOK VAN, NI MUMBAI-400068. MAHARASHTRA WHOSE PARTNERS ARE (1) ARU (2) KRUPA HIMANSHU RATHOD. (I ADDRESS		
DATE OF REGISTRATION	24/12/2013	27
TITLE	LOCK	
PRIORITY NA		

DESIGN NUMBER		259130	
CLASS		23-01	
1)ASHIRVAD PIPES PVT. LTD, A COMPANIES ACT 1956 HAVING I AT 4-B, ATTIBELE INDUSTRIA KARNATAKA, INDIA; NATIONAL	ITS REGISTERED OF L AREA, HOSUR ROA	FFICE	
DATE OF REGISTRATION	3	0/12/2013	
TITLE	SEA	LING RING	
PRIORITY NA	•		
DESIGN NUMBER		258357	
CLASS		12-08	
1)DAIMLER INDIA COMMERC INDIAN COMPANY INCORPORA OF UNIT 201, 2ND FLOOR CAM 143, DR. MGR ROAD, PERUNGUDI	TED UNDER THE LA IPUS 3B, RMZ MILLEN	AWS OF INDIA, NNIA BUSINESS PARK NO.	
DATE OF REGISTRATION	2	5/11/2013	
TITLE	TR	RUCK CAB	
PRIORITY		1	
PRIORITY NUMBER	DATE	COUNTRY	
002243931-0001	27/05/2013	OHIM	
DESIGN NUMBER		258632	
CLASS		19-06	
1)SHACHIHATA, INC., A JAPAN NO. 69, 4-CHOME, AMAZUKA- JAPAN		OYA-SHI, AICHI 4510021	
DATE OF REGISTRATION	0	9/12/2013	100 m
TITLE	MARKING PEN		\$ 38 8
PRIORITY			200
PRIORITY NUMBER	DATE	COUNTRY	¥ 38
2013-013169	11/06/2013 JAPAN		S 90

DESIGN NUMBER			2	56246	
CLASS		03-01			SHEX
1)FURLA S.P.A. VIA BELLARIA, 3-5 I-40068 SAN LAZZARO DI SAVENA (BOLOGNA) ITALY, NATIONALITY: ITALY					
DATE OF REGISTRATION	ſ	05/09/2013			
TITLE		HANDBAG			///
PRIORITY	•				All I
PRIORITY NUMBER		DATE		COUNTRY	9
002234302-0001		08/05/2	2013	OHIM	
DESIGN NUMBER			2	59363	
CLASS			ı	09-03	
1)PEPSICO, INC., INCOR 700 ANDERSON HILL RO OF AMERICA				LINA OF 10577, UNITED STATES	
DATE OF REGISTRATION	ſ		13/	01/2014	
TITLE			PACKAGIN	NG CONTAINER	
PRIORITY	·				
PRIORITY NUMBER		DATE		COUNTRY	
29/460,544		11/07/2	2013	U.S.A.	
DESIGN NUMBER				59418	
CLASS	CLASS 13-03				
1)LSIS CO., LTD. OF 1026-6, HOGYE-DONG, I	OONGAN-0	GU, ANY	ANG-SI, GY	EONGGI-DO, KOREA.	
DATE OF REGISTRATION 15/01/2014			200000000000000000000000000000000000000		
MOTOR-PROTECTION RELAY					
PRIORITY					
PRIORITY NUMBER DA		TE COUNTRY			
PRIORITY NUMBER	DAII	<u> </u>	COUNT	<u> </u>	COLOR

DESIGN NUMBER		259493			
CLASS		11-02			and the same
1)AMAR SINGH YADAV, 7 DECORATERS, SITUATED 2/778, SUHAG NAGAR, FI ADDRESS	AT			1	
DATE OF REGISTRATION		20/01/2014		heats.	
TITLE	FLOWER VASE				4
PRIORITY NA					· Comment of the comm
DESIGN NUMBER			255180		
CLASS			15-99		
1)TURBONETICS, INC. A OTHE ADDRESS: 2255 AGATE CT, SIMI VA AMERICA					(MINIS)
DATE OF REGISTRATION		1	1/07/2013		THE STATE OF THE S
TITLE		TURE	SINE WHEEL		
PRIORITY PRIORITY NUMBER 29/445,658		DATE 14/02/2013	COUNT U.S.A.	RY	THE PARTY OF THE P
DESIGN NUMBER			259902		490040.4073.3115
CLASS			12-16		1
1)TATA MOTORS LIMITE BOMBAY HOUSE, 24 HO 001, MAHARASHTRA, INDIA	MI MODY			MUMBAI 400	
DATE OF REGISTRATION		3	1/01/2014		
TITLE		GEAR KNOB OF A VEHICLE			
PRIORITY NA					

DESIGN NUMBER	258958	
CLASS	08-07	

1)SARASWATI INDUSTRIES., (A PARTNERSHIP FIRM REGISTERED UNDER INDIAN PARTNERSHIP ACT, 1932), AT 203/A, RAJ UMANG 1, CHS SHIV VALLABH ROAD, ASHOK VAN, NEAR MARUTI NAGAR, DAHISAR (EAST), MUMBAI-400068. MAHARASHTRA, INDIA.

WHOSE PARTNERS ARE (1) ARUNA BIPIN RATHOD. (INDIAN NATIONAL), & (2) KRUPA HIMANSHU RATHOD. (INDIAN NATIONAL), ALL ARE HAVING ABOVE **ADDRESS**

DATE OF REGISTRATION	24/12/2013				
TITLE	LOCK				
PRIORITY NA					



DESIGN NUMBER	258358		
CLASS	12-16		

1)DAIMLER INDIA COMMERCIAL VEHICLES PRIVATE LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE LAWS OF INDIA,

OF UNIT 201, 2ND FLOOR CAMPUS 3B, RMZ MILLENNIA BUSINESS PARK NO. 143, DR. MGR ROAD, PERUNGUDI, CHENNAI-600096, INDIA

DATE OF REGISTRATION		25/11/2013		
TITLE		BUMPER FOR VEHICLES		
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002244459-0001		27/05/2013	OHIM	



CLASS 1)FURLA S.P.A.

DESIGN NUMBER

VIA BELLARIA, 3-5 I-40068 SAN LAZZARO DI SAVENA (BOLOGNA) ITALY, NATIONALITY: ITALY

DATE OF REGISTRATION 05/09/2013 TITLE **HANDBAG**



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002235069-0001	10/05/2013	OHIM

256247

03-01

DESIGN NUMBER	2.	55234	
CLASS	(03-01	
1)PRIME LIFESTYLE, 16, SIMRA KHAR (W), MUMBAI-400 052, STAT PARTNERSHIP FIRM, WHOSE PARTNERS ARE: 1) MR. GUL MANIK INDIAN NATIONALS.,			
DATE OF REGISTRATION	15/	07/2013	
TITLE	TRA	VEL BAG	
PRIORITY NA			
DESIGN NUMBER	2.	58363	
CLASS	1	2-16	
1)DAIMLER INDIA COMMERCIA INDIAN COMPANY INCORPORAT OF UNIT 201, 2ND FLOOR CAMP 143, DR. MGR ROAD, PERUNGUDI, 0			
DATE OF REGISTRATION	25/	11/2013	
TITLE	FENDER F	OR VEHICLES	
PRIORITY	1		
PRIORITY NUMBER	DATE	COUNTRY	
002244459-0006	27/05/2013	OHIM	
DESIGN NUMBER	2.	59290	
CLASS	2	26-02	
1)EVEREADY INDUSTRIES INDL 1, MIDDLETON STREET, KOLKA COMPANY	Par		
DATE OF REGISTRATION	07/	01/2014	100
TITLE	T	ORCH	
PRIORITY NA			

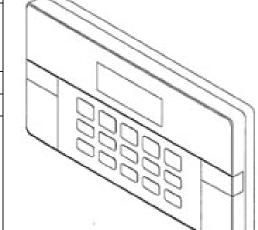
DESIGN NUMBER		259386	
CLASS		28-99	2
1)RECKITT BENCKISER (BRAI 103-105 BATH ROAD, SLOUGH			
DATE OF REGISTRATION	1:	5/01/2014	\\ W.#
TITLE	AIR I	FRESHENER	
PRIORITY			
PRIORITY NUMBER			
002275842-0004	17/07/2013	OHIM	
DESIGN NUMBER		260352	
CLASS		02-04	Mar o
OF ABOVE ADDRESS, AN INDIAN	NATIONAL	LIETOR IS MUKESH GA	RG,
OF ABOVE ADDRESS, AN INDIAN DATE OF REGISTRATION	N NATIONAL 1'	7/02/2014	RG,
	N NATIONAL 1'		RG,
OF ABOVE ADDRESS, AN INDIAN DATE OF REGISTRATION	N NATIONAL 1'	7/02/2014	RG,
OF ABOVE ADDRESS, AN INDIAN DATE OF REGISTRATION TITLE	N NATIONAL 1'	7/02/2014	RG,
OF ABOVE ADDRESS, AN INDIAN DATE OF REGISTRATION TITLE PRIORITY NA	N NATIONAL 1'	7/02/2014 OOTWEAR	RG,
OF ABOVE ADDRESS, AN INDIAN DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER	N NATIONAL 1' FC NDS) LIMITED, A BRI	7/02/2014 OOTWEAR 260120 09-01 TISH COMPANY OF	RG,
OF ABOVE ADDRESS, AN INDIAN DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)RECKITT BENCKISER (BRAN	NATIONAL 1' FC NDS) LIMITED, A BRI I BERKSHIRE, SL1 3UF	7/02/2014 OOTWEAR 260120 09-01 TISH COMPANY OF	RG,
OF ABOVE ADDRESS, AN INDIAN DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)RECKITT BENCKISER (BRAN 103-105 BATH ROAD, SLOUGH	NATIONAL 1' FC NDS) LIMITED, A BRI BERKSHIRE, SL1 3UH	7/02/2014 OOTWEAR 260120 09-01 TISH COMPANY OF I, UNITED KINGDOM	RG,
OF ABOVE ADDRESS, AN INDIAN DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)RECKITT BENCKISER (BRAN 103-105 BATH ROAD, SLOUGH DATE OF REGISTRATION	NATIONAL 1' FC NDS) LIMITED, A BRI BERKSHIRE, SL1 3UH	7/02/2014 DOTWEAR 260120 09-01 TISH COMPANY OF I, UNITED KINGDOM 5/02/2014	RG,
OF ABOVE ADDRESS, AN INDIAN DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)RECKITT BENCKISER (BRAY 103-105 BATH ROAD, SLOUGH DATE OF REGISTRATION TITLE	NATIONAL 1' FC NDS) LIMITED, A BRI BERKSHIRE, SL1 3UH	7/02/2014 DOTWEAR 260120 09-01 TISH COMPANY OF I, UNITED KINGDOM 5/02/2014	RG,

DESIGN NUMBER	259189		
CLASS	14-03		

1)DAIKIN INDUSTRIES LTD. A JAPANESE COMPANY OF THE ADDRESS:

UMEDA CENTER BUILDING, 4-12 NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI, OSAKA-FU, JAPAN

DATE OF REGISTRATION	03/01/2014		
TITLE	REMOTE CONTROLLER FOR BOILER		



PRIORITY

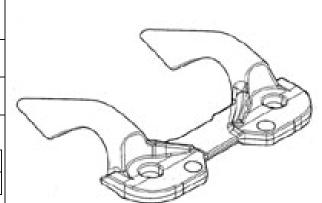
н	144014211			
	PRIORITY NUMBER	DATE	COUNTRY	
	JP2013-021834	20/09/2013	JAPAN	

02100.	20,00,2016	011111	
DESIGN NUMBER	259311		
CLASS	15-03		

1)MACDON INDUSTRIES LTD.,

680 MORAY STREET, WINNIPEG MANITOBA CANADA R3J 3S3, NATIONALITY: CANADA

DATE OF REGISTRATION	09/01/2014
TITLE	HOLD DOWN FOR A BLADE OF A SICKLE BAR MOWER



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
154399	20/12/2013	CANADA

DESIGN NUMBER	247046
CLASS	30-03

1)HI-TECH NATURAL PRODUCTS (INDIA) LIMITED, STATUS OF THE ABOVE SAID COMPANY IS AS UNDER:- THE ABOVE SAID COMPANY HAS BEEN INCORPORATED UNDER THE COMPANIES ACT, 1956 (NO. 1 OF 1956) BY THE ASST. REGISTRAR OF COMPANIES, N.C.T. OF DELHI AND HARYANA, VIDE NO. U01110DL2003PLC123695, ON 24/12/2003 AND THE ABOVE SAID COMPANY IS LIMITED AND ACTIVE (TILL NOW), COPY OF CERTIFICATE OF INCORPORATION OF THE ABOVE SAID COMPANY, IS BEING ATTACHED WITH THIS APPLICATION, AND ADDRESS OF REGISTERED OFFICE OF THE ABOVE SAID COMPANY IS

AT 205, JAWAHAR GALI, FARSH BAZAR, SHAHDARA, NEW DELHI-110032, INDIA

DATE OF REGISTRATION	08/08/2012
TITLE	BEE FEEDER
PRIORITY NA	



DESIGN NUMBER		260351	
CLASS	02-04		
1)M/S GARG INDUSTRIES, T-2/16 AREA, DELHI-110085, AN INDIAN PROPRIETORSHIP F OF ABOVE ADDRESS, AN INDIAN N	IRM, WHOSE PROPR		
DATE OF REGISTRATION	1′	7/02/2014	
TITLE	FC	OTWEAR	
PRIORITY NA			NAME OF THE OWNER OWNER OF THE OWNER OWNE
DESIGN NUMBER		259188	
CLASS		14-03	
1)DAIKIN INDUSTRIES LTD. A JA UMEDA CENTER BUILDING, 4-1 OSAKA-SHI, OSAKA-FU, JAPAN			
DATE OF REGISTRATION	03	3/01/2014	
TITLE	REMOTE CONTROLLER FOR BOILER		1 26 11
PRIORITY			660
PRIORITY NUMBER	DATE COUNTRY		708
JP2013-021835	20/09/2013	JAPAN	
DESIGN NUMBER 260350			
CLASS	08-06		
1)ITALIK METALWARE PVT. LT KALAWAD ROAD, METODA, RAJI / A PRIVATE LIMITED COMPAN COMPANIES ACT., ABOVE ADDRES	KOT-360003, STATE Y INCORPORATED U	OF GUJARAT INDIA,	
DATE OF REGISTRATION	17/02/2014		
TITLE	HANDLE		
PRIORITY NA			

DECICN MUMBER		255707	
DESIGN NUMBER		255787	
CLASS		12-11	
1)M/S ASIA CYCLE INDUSTRIES LUDHIANA-141010 (PUNJAB) INDI PARTNERS ARE:- RAJNEESH KUN RAJNEESH KUMAR JAIN, MEENU JAIN, RAJNEESH KUMA ABOVE ADDRESS	A. AN INDIAN PART MAR JAIN (HUF) TH	NERSHIP FIRM WHOSI ROUGH ITS KARTA, SH	
DATE OF REGISTRATION	1:	3/08/2013	
TITLE	HUB F	OR BICYCLE	
PRIORITY NA			
DESIGN NUMBER		258304	
CLASS		09-01	
302, 3RD FLOOR, RAGHUVIR, OPP. PRABODHANKAR THAKARE HALL, CHASMUNDA CIRCLE, BORIVALI (W), MUMBAI, MAHARASHTRA (INDIA), PIN: 400092, AN INDIAN NATIONAL			
DATE OF REGISTRATION	22/11/2013		
TITLE	WATER BOTTLE		
PRIORITY NA			
DESIGN NUMBER		258423	
CLASS	09-01		
1)COMPAGNIE GERVAIS DANO! ADDRESS 17 BOULEVARD HAUSSMANN,	,	,	
DATE OF REGISTRATION	27/11/2013		
TITLE	BOTTLE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
<u> </u>	27/05/2013 FRANCE		

DESIGN NUMBER	258157	
CLASS	02-02	1000
	LIMITED, WHICH IS OF THE ADDRESS ART-II, GURGAON (HARYANA), A COMPANY S OF INDIA	
DATE OF REGISTRATION	14/11/2013	
TITLE	SAREE	
PRIORITY NA		
DESIGN NUMBER	259182	
CLASS	09-01	
AREA, PHASE-1, GURGAON-122016	LTD., 168, UDYOG VIHAR INDUSTRIAL 5 HARYANA, INDIA. EGISTERED UNDER THE COMPANIES ACT,	
DATE OF REGISTRATION	02/01/2014	
TITLE	BOTTLE	
PRIORITY NA		
DESIGN NUMBER	254895	
CLASS	09-09	
1)COMPAGNIE PLASTIC OMNIUM, A FRENCH COMPANY OF, 19 AVENUE JULES CARTERET-69007 LYON-FRANCE		
DATE OF REGISTRATION	01/07/2013	
TITLE	WHEEL FOR TRASH CONTAINER	
PRIORITY NA		

DESIGN NUMBER	260245
CLASS	19-06

1)UNITEC, AN INDIAN PARTNERSHIP FIRM AT G-6, SAI KRUPA INDUSTRIAL ESTATE, SOMNATH, DABHEL, DAMAN NANI DAMAN-396210. (INDIA)

WHOSE PARTNERS ARE 1) SUDHA PRITHVIRAJ 2)DIVYA PRABHAKAR 3) SIVADAS ALL INDIAN OF ABOVE ADDRESS

DATE OF REGISTRATION	10/02/2014
TITLE	PEN
DDIODIEN NA	

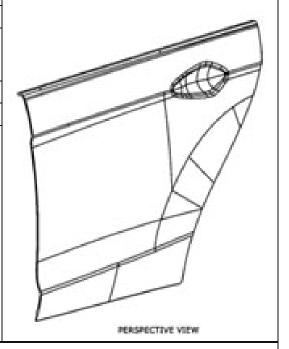


PRIORITY NA

DESIGN NUMBER	259920
CLASS	12-16

1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, MAHARASHTRA, INDIA

DATE OF REGISTRATION	31/01/2014
TITLE	REAR DOOR OF A VEHICLE



PRIORITY NA

DESIGN NUMBER	259005	
CLASS	12-08	

1)BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT,

OF PETUELRING 130, 80809, MUENCHEN, GERMANY, A GERMAN COMPANY

DATE OF REGISTRATION	26/12/2013	
TITLE	CAR	

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
DE 402013100652	15/07/2013	GERMANY



DESIGN NUMBER		260380	
CLASS		26-05	
INDIAN COMPANIES ACT	[°]), STATE, SATIV <i>A</i>	MPANY INCORPORATED UND LI ROAD, VASAI (EAST)-401208 A)	
DATE OF REGISTRATION	I	17/02/2014	
TITLE		NIGHT LAMP	
PRIORITY NA			
DESIGN NUMBER		260637	
CLASS		14-99	
1)SAMSUNG ELECTRON 129, SAMSUNG-RO, YEO REPUBLIC OF KOREA, A C	ONGTONG-GU,	SUWON-SI, GYEONGGI-DO, 443 EPUBLIC OF KOREA	-742,
DATE OF REGISTRATION	I	26/02/2014	
TITLE		COVER FOR MOBILE PHONE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
30-2013-0044834	30/08/2013	REPUBLIC OF KOREA	
DESIGN NUMBER		258815	5.000
CLASS		22-06	/N
TRADING COMPANY,		IONAL PROPRIETOR OF FARM WK, YAVATMAL-445001,	A INPUT
DATE OF REGISTRATION	I	18/12/2013	
TITLE		INSECT TRAP	
PRIORITY NA	1		

DESIGN NUMBER	260240	
CLASS	31-00	
· · · · · · · · · · · · · · · · · · ·	RIETORSHIP FIRM OF IND OSHIWARA, NAVPADA ROAD, OFF. S.V. MBAI-400102 MAHARASHTRA INDIA	
DATE OF REGISTRATION	10/02/2014	
TITLE	MIXER GRINDER BODY	
PRIORITY NA		
DESIGN NUMBER	259915	
CLASS	CLASS 12-16	
1)TATA MOTORS LIMITED, AN BOMBAY HOUSE, 24 HOMI MO 400001, MAHARASHTRA, INDIA	0	
DATE OF REGISTRATION	31/01/2014	
TITLE	OUTER DOOR HANDLE OF A VEHICLE	
PRIORITY NA		Additional rest Literal
DESIGN NUMBER	258048	
CLASS	CLASS 12-16	
1)JCB INDIA LIMITED, AN INDI OFFICE AT B-1/1-1, 2ND FLOOR, I ESTATE, MATHURA ROAD, NEW AND WORKS AT 23/7, MATHUR		
DATE OF REGISTRATION	08/11/2013	3
TITLE	BOOM FOR BACKHOE LOADER	
PRIORITY NA		

DESIGN NUMBER		259313	
CLASS	15-03		
1)MACDON INDUSTRIES LTD., 680 MORAY STREET, WINNIPEC NATIONALITY: CANADA	MANITOBA CANAI	OA R3J 3S3,	
DATE OF REGISTRATION	09	9/01/2014	
TITLE	STUB GUARD FOR	R A SICKLE BAR MOWER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
154400	20/12/2013	CANADA	
DESIGN NUMBER		256123	
CLASS		08-05	
1)KANSAI PAINT CO., LTD., OF 33-1, KANZAKI-CHO, AMAGASAKI-SHI, HYOGO 661-8555, JAPAN			
DATE OF REGISTRATION	30	0/08/2013	
TITLE	COATING COLOR EVALUATION PANEL		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2013-004503	01/03/2013	JAPAN	
DESIGN NUMBER	DESIGN NUMBER 260242		
CLASS	31-00		
1)MODERN PLASTIC IS A PROPRIETORSHIP FIRM OF GALA NO. 2 A, SINGH COMPOUND OSHIWARA, NAVPADA ROAD, OFF. S.V. ROAD, JOGESHWARI (WEST), MUMBAI-400102 MAHARASHTRA INDIA			
DATE OF REGISTRATION	10/02/2014		
TITLE	HAND BLENDER BODY		
PRIORITY NA			

DESIGN NUMBER	260377
CLASS	22-06

1)M/S GM MODULAR PVT. LTD., (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT),

14/15, BOKADIA IND. ESTATE, SATIVALI ROAD, VASAI (EAST)-401208, DISTRICT-THANE, MAHARASHTRA (INDIA)

DATE OF REGISTRATION	17/02/2014
TITLE	MOSQUITO REPELLER



PRIORITY NA

DESIGN NUMBER	260634	
CLASS	02-04	
UNDER THE COMPANIES ACT,	1)TYNOR ORTHOTICS PVT. LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ADDRESS AT D-111, INDUSTRIAL AREA, PHASE-7, MOHALI-160055, PUNJAB, INDIA	

DATE OF REGISTRATION	26/02/2014
TITLE	FOOTWEAR INSOLE SET



PRIORITY NA

DESIGN NUMBER	258811
CLASS	22-06

1)YOGESH PALIWAL, AN INDIAN NATIONAL PROPRIETOR OF FARM INPUT TRADING COMPANY,

6, SAWARKAR MARKET, DATTA CHOWK, YAVATMAL-445001, MAHARASHTRA, INDIA

DATE OF REGISTRATION	18/12/2013
TITLE	INSECT TRAP



DESIGN NUMBER	260266	
CLASS	21-01	
1)PARAG JAIN, AN INDIAN NATI (AN INDIAN SOLE PROPRIETARY 1329, GALI NO. 3, FAIZ GANJ, BA	- TI 00	
DATE OF REGISTRATION	11/02/2014	
TITLE	TOY	
PRIORITY NA		
DESIGN NUMBER	259904	
CLASS	12-16	
1)TATA MOTORS LIMITED, AN I BOMBAY HOUSE, 24 HOMI MOD 400001, MAHARASHTRA, INDIA		
DATE OF REGISTRATION 31/01/2014		
TITLE	REAR BUMPER OF A VEHICLE	
PRIORITY NA		
DESIGN NUMBER	259986	
CLASS	12-16	
1)TATA MOTORS LIMITED, AN I BOMBAY HOUSE, 24 HOMI MOD 400001, MAHARASHTRA, INDIA	NDIAN COMPANY OF DY STREET, HUTATMA CHOWK, MUMBAI	
DATE OF REGISTRATION	31/01/2014	
TITLE	WHEEL CAP OF A VEHICLE	
PRIORITY NA		

DESIGN NUMBER		259162		
CLASS		29-02		Control of the contro
1)3M INNOVATIVE PROPERT STATE OF DELAWARE OF 3M U.S.A.		PAUL, MINN	IESOTA 55133-3427,	
DATE OF REGISTRATION		31/12/201	13	
TITLE	EXH	ALATION VA	LVE FLAP	
PRIORITY				
PRIORITY NUMBER	DATE	C	OUNTRY	
29/460,794	15/07/2013	B U	.S.A.	
DESIGN NUMBER		256249		
CLASS		03-01		
1)FURLA S.P.A. VIA BELLARIA, 3-5 I-40068 S. NATIONALITY: ITALY	AN LAZZARO DI S	SAVENA (BO	LOGNA) ITALY,	
DATE OF REGISTRATION		05/09/2013		0
TITLE		HANDBAG		
PRIORITY				
PRIORITY NUMBER	DATE	DATE COUNTRY		
002269019-0001	04/07/2013	3 O	HIM	
DESIGN NUMBER		259474		
CLASS		13-03		a
1)SCHURTER AG A SWISS CO WERKHOFSTRASSE 8-12, 600		ERLAND		
DATE OF REGISTRATION		17/01/2014		
TITLE	ELE	ELECTRIC DEVICE PLUG		
PRIORITY				
DDIODIEW NUMBER	1	DATE COUNTRY		W / / / //// /
PRIORITY NUMBER	DATE	COUNT	RY	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

DESIGN NUMBER		259555	
CLASS		24-99	
1)C. R. BARD, INC., A CORPORTHE LAWS OF THE STATE OF OF 730 CENTRAL AVENUE, M	NEW JERSEY,		
DATE OF REGISTRATION	22	2/01/2014	
TITLE		FOR INTRACORPOREAL ENTIFICATION	
PRIORITY			0 .
PRIORITY NUMBER	DATE	COUNTRY	
29/467,888	24/09/2013	U.S.A.]
DESIGN NUMBER		260209	
CLASS		07-02	
INDIA, / A PRIVATE LIMITED COMP. COMPANIES ACT., OF ABOVE A		JNDER INDIAN	
DATE OF REGISTRATION	0′	7/02/2014	
TITLE	CASSEROLE		
PRIORITY NA			
DESIGN NUMBER		258565	
CLASS		12-16	
1)MAHINDRA 2 WHEELERS I UNDER THE INDIAN COMPANI AT D1 BLOCK, PLOT NO. 18/2 MAHARASHTRA, INDIA.	ES ACT,		
DATE OF REGISTRATION	0:	5/12/2013	
TITLE	TORQ	UE BOOSTER	
PRIORITY NA			

DESIGN NUMBER	254173
CLASS	20-02

1)DELAWARE CAPITAL FORMATION, INC., A COMPANY INCORPORATED IN USA HAVING ADDRESS AS

501 SILVERSIDE ROAD, SUITE 5 WILMINGTON, DELAWARE 19809, USA

DATE OF REGISTRATION	29/05/2013	
TITLE	FUEL DISPENSING NOZZLE	



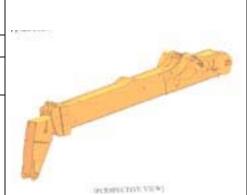
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002145748-0001	30/11/2012	OHIM

DESIGN NUMBER	257821
CLASS	12-16

1)JCB INDIA LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW DELHI, INDIA AND WORKS AT 23/7, MATHURA ROAD, BALLABGARH, HARYANA, INDIA

DATE OF REGISTRATION	28/10/2013
TITLE	BOOM OF TELESCOPIC HANDLER (LOADALL)



PRIORITY NA

DESIGN NUMBER	259720	
CLASS	09-01	
1) VADA EVIA DA JANI A DIJI MANJORIZA DANI CINIA DDA IZACAM DA JACRIZA DAN		

1)VARATHARAJAN ARULMANISEKARAN, SIVAPRAKASAM RAJASEKARAN, SIVAPRAKASAM NADESSAN, NATESANNADAR PALANISAMY, MUTHUKUMARASAMY VASANTH KUMAR AND VASUDEVAN BHUVANESWARI TRADING IN PARTNERSHIP AS M/S. RENGANAYAKI AGENCY, AT

NO. 9/A, MGJ COMPLEX, 43, P.K. SALAI, KARAIKAL-609 602, PUDUCHERRY, INDIA, WHICH IS AN INDIAN PARTNERSHIP FIRM OF ABOVE ADDRESS

DATE OF REGISTRATION	27/01/2014	
TITLE	BOTTLE	



DESIGN NUMBER		259869	
CLASS	16-06		
1)KOPIN CORPORATION, A COI UNDER THE LAWS OF THE STAT 125 NORTH DRIVE, WESTBORO	E OF DELAWARE O)F	
DATE OF REGISTRATION	3	1/01/2014	
TITLE	Е	YEWEAR	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/462,871	09/08/2013	U.S.A.	
DESIGN NUMBER		258359	
CLASS		12-16	
143, DR. MGR ROAD, PERUNGUDI, DATE OF REGISTRATION	CHENNAI-600096, INDIA 25/11/2013		
TITLE	END COVER FOR THE BUMPER OF VEHICLE		CLE
PRIORITY	I		
PRIORITY NUMBER	DATE COUNTRY		*
002244459-0002	27/05/2013	OHIM	
DESIGN NUMBER		256248	
CLASS	03-01		
1)FURLA S.P.A. VIA BELLARIA, 3-5 I-40068 SAN NATIONALITY: ITALY	LAZZARO DI SAVE	NA (BOLOGNA) ITALY	
DATE OF REGISTRATION	0	5/09/2013	<i>3</i> %
TITLE	HANDBAG		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	W J
002241018-0001	21/05/2013 OHIM		

DESIGN NUMBER		259766	
CLASS	13-03		
1)SIEMENS AKTIENGESELLSC OF WITTELSBACHERPLATZ 2, COMPANY		RMANY, A GERMAN	
DATE OF REGISTRATION	28	3/01/2014	
TITLE	SWITC	HING DEVICE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001381305	20/08/2013	OHIM	
DESIGN NUMBER		260116	
CLASS		09-01	-
UNDER PARTNERSHIP ACT 1932) OFFICES AT HI-TECH TOWN CENTER, 501/5TH FLOOR, S.V. ROAD KHAR (W), MUMBAI- 400052, MAHARASHTRA, INDIA			
DATE OF REGISTRATION	0:	5/02/2014	
TITLE	I	BOTTLE	
PRIORITY NA			企業 200
DESIGN NUMBER	258154		
CLASS	02-02		
1)TAHILIANI DESIGN PRIVATE 708, PACE CITY-2, SECTOR-37, INCORPORATED UNDER THE LAV	PART-II, GURGAON (
DATE OF REGISTRATION	14/11/2013		
TITLE	G	ARMENT	(A)
PRIORITY NA			

DESIGN NUMBER		259298	
CLASS	08-08		
1)SMC CORPORATION, A JAPAN 4-14-1, SOTOKANDA, CHIYODA			
DATE OF REGISTRATION	08	8/01/2014	
TITLE	CLAM	PING DEVICE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2013-016513	19/07/2013	JAPAN	
		•	
DESIGN NUMBER	256744		
CLASS		24-01	
1)SYSMEX CORPORATION, OF 5-1, WAKINOHAMA-KAIGANDO 651-0073, JAPAN, A JAPANESE COM	IPANY		
DATE OF REGISTRATION	24/09/2013		_ 1 • 1
TITLE	CONTAINER FOR MEDICAL ANALYZER		_
PRIORITY			_
PRIORITY NUMBER	DATE	COUNTRY	_
2013-006530	25/03/2013	JAPAN	
DESIGN NUMBER	256797		
CLASS	07-01		
1)1) NISHITA THAKURDAS AND 2) ABDULLA JAMAL BOTH RESIDING AT 206, CHRISTELLA, VILLA NO. 6, WHITEFIELD MAIN ROAD, WHITEFIELD, BANGALORE 560066 KARNATAKA, INDIA AND TRADING AS PARTNERS OF M/S. NISHITA DESIGN, SITUATED AT THE AFORE-MENTIONED ADDRESS			
DATE OF REGISTRATION	26/09/2013		
TITLE	PLATE		A CONTRACTOR OF THE PARTY OF TH
PRIORITY NA			

DESIGN NUMBER	259906
CLASS	26-06

1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF

BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA

DATE OF REGISTRATION	31/01/2014
TITLE	HEAD LAMP OF A VEHICLE

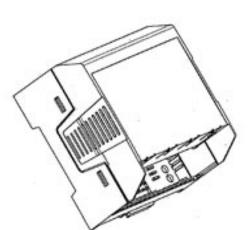


PRIORITY NA

DESIGN NUMBER	259283
CLASS	13-03
1)PHOFNIX CONTACT CMRH & CO. KG OF THE ADDRESS:	

FLACHSMARKTSTR. 8, D-32825 BLOMBERG, ALEMANIA, GERMANY

DATE OF REGISTRATION	07/01/2014
TITLE	HOUSING FOR ELECTRIC AND ELECTRONIC COMPONENTS



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002287524	06/08/2013	EUROPEAN UNION

DESIGN NUMBER	258648
CLASS	03-01

1) RESGUARDO INDUSTRIES,

SHED NO. 3, PLOT NO. 17, JIGANI INDUSTRIAL AREA, MADEVPATTANA VILLAGE, ANEKAL TALUK, JIGANI HOBLI, BANGALORE-562106, KARNATAKA, INDIA

DATE OF REGISTRATION	10/12/2013
TITLE	FIRST AID BOX



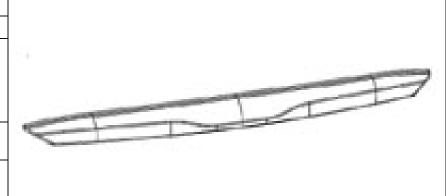
DESIGN NUMBER		258860	
CLASS	15-01		
1)A. E. B. S.P.A., AN ITALIAN CO VIA DELL'INDUSTRIA 20, 42025		D EMILIA), ITALY.	
DATE OF REGISTRATION	19	9/12/2013	
TITLE	HOUSINGS FOR GAS-ECONOMIZING DEVICES FOR INTERNAL COMBUSTION ENGINES		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002265264-0001	28/06/2013	OHIM	
DESIGN NUMBER		259691	
CLASS		10-02	
	1)TURLEN HOLDING SA, A SWISS COMPANY, C/O SIPO S.A., CHEMIN DU CHÂTEAU 26A, 2805 SOYHIÈRES, SWITZERLAND		
DATE OF REGISTRATION	N 27/01/2014		
TITLE	WATCH		0
PRIORITY			o State of
PRIORITY NUMBER	DATE	COUNTRY	
775321301	19/11/2013	WIPO	
DESIGN NUMBER 254894			
CLASS	09-09		
1)COMPAGNIE PLASTIC OMNIUM, A FRENCH COMPANY OF, 19 AVENUE JULES CARTERET-69007 LYON-FRANCE			
DATE OF REGISTRATION	01/07/2013		
TITLE	WHEEL FOR TRASH CONTAINER		
PRIORITY NA			

DESIGN NUMBER	259919
CLASS	12-16

1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF

BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA

DATE OF REGISTRATION	31/01/2014
TITLE	REAR GARNISH OF A VEHICLE

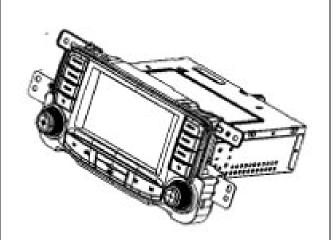


PRIORITY NA

DESIGN NUMBER	259967
CLASS	14-01

1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA

DATE OF REGISTRATION	31/01/2014
TITLE	MUSIC SYSTEM OF A VEHICLE

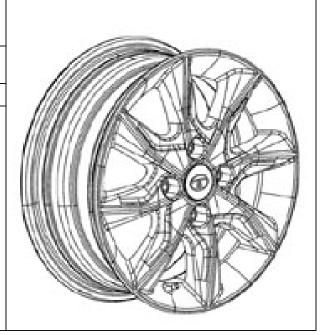


PRIORITY NA

DESIGN NUMBER	260006
CLASS	12-16
1)TATA MOTORS I IMITED AN INDIAN COMPANY OF	

1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA

DATE OF REGISTRATION	31/01/2014
TITLE	WHEEL RIM OF A VEHICLE



DESIGN NUMBER	260379
CLASS	26-05

1)M/S GM MODULAR PVT. LTD., (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT),

14/15, BOKADIA IND. ESTATE, SATIVALI ROAD, VASAI (EAST)-401208, DISTRICT-THANE, MAHARASHTRA (INDIA)

DATE OF REGISTRATION	17/02/2014
TITLE	NIGHT LAMP



PRIORITY NA

DESIGN NUMBER	258699
CLASS	07-07

1)MR. SACHIN SACHDEV, MRS. MANASI SACHDEV AND MR. RAVI CHAWLA ALL PARTNERS OF M/S NAYASA MULTIPLAST BEING A PARTNERSHIP CONCERN DURING REGISTERED UNDER THE PARTNERSHIP ACT, 1932

HAVING ADDRESS AT PLOT NOS. 225, 225, 227 AND 228, VILLAGE VELA BATHRI, TAHASIL HAROLI, DISTRICT UNA-732141, HIMACHAL PRADESH

DATE OF REGISTRATION	12/12/2013
TITLE	BUCKET



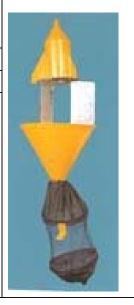
PRIORITY NA

DESIGN NUMBER	258814
CLASS	22-06

1)YOGESH PALIWAL, AN INDIAN NATIONAL PROPRIETOR OF FARM INPUT TRADING COMPANY,

6, SAWARKAR MARKET, DATTA CHOWK, YAVATMAL-445001, MAHARASHTRA, INDIA

DATE OF REGISTRATION	18/12/2013
TITLE	INSECT TRAP



DESIGN NUMBER	259351
CLASS	02-07

1)YKK CORPORATION, A JAPANESE COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN OF

1, KANDAIZUMI-CHO, CHIYODA-KU, TOKYO, 101-8642, JAPAN

DATE OF REGISTRATION	10/01/2014
TITLE	SLIDER FOR SLIDE FASTENER



PRIORITY NUMBER	DATE	COUNTRY
2013-015859	11/07/2013	JAPAN



DESIGN NUMBER	260247
CLASS	07-02

1)SHAILESH AMRITLAL VAKHARIA SHAH AN INDIAN PROPRIETOR FIRM AT MITESH METAL INDUSTRIES, B-5, OM SAI ESTATE, GODDEV FATHAK ROAD, OPP:

OLD SYNDICATE BANK LANE, BHAYANDER (E), DIST. THANE PIN NO: 401105, MAHARASHTRA (INDIA) OF ABOVE ADDRESS

DATE OF REGISTRATION	10/02/2014
TITLE	CASSEROLE

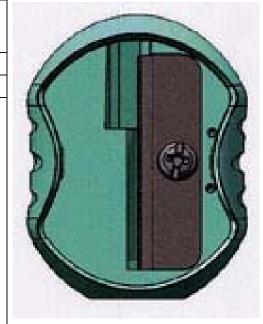


PRIORITY NA

DESIGN NUMBER	260337
CLASS	19-06

1)BUDH CHETAN JAYENDRA, NATIONALITY INDIAN, ADDRESS AT SATYAM, 33 KETAN SOCIETY, OPP. MEERA APARTMENT, AMBA VIJAY ESTATE, JAMNAGAR 361008, GUJARAT, INDIA

DATE OF REGISTRATION	14/02/2014
TITLE	SHARPENER

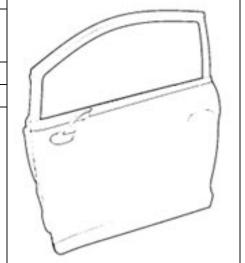


DESIGN NUMBER	259896
CLASS	12-16

1) TATA MOTORS LIMITED, AN INDIAN COMPANY OF

BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, MAHARASHTRA, INDIA

DATE OF REGISTRATION	31/01/2014
TITLE	VEHICLE DOOR



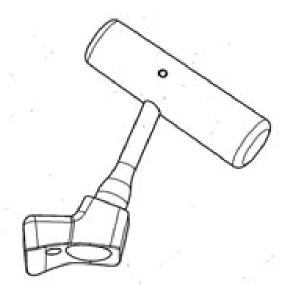
PRIORITY NA

DESIGN NUMBER	258923
CLASS	16-06
1)CARL ZEISS MEDITEC AG. A CORPORATION ORGANIZED AND	

1)CARL ZEISS MEDITEC AG, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF GERMANY,

OF GOESCHWITZER STRASSE 51-52, 07745 JENA, GERMANY

DATE OF REGISTRATION	23/12/2013
TITLE	HANDLE OF A MICROSCOPE



PRIORITY

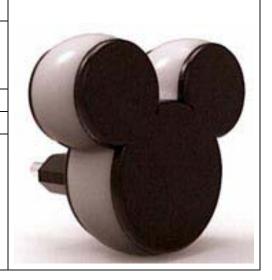
11101111			
	PRIORITY NUMBER	DATE	COUNTRY
l	001379713-0001	02/08/2013	OHIM

DESIGN NUMBER	260386
CLASS	26-05

1)M/S GM MODULAR PVT. LTD., (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT),

14/15, BOKADIA IND. ESTATE, SATIVALI ROAD, VASAI (EAST)-401208, DISTRICT-THANE, MAHARASHTRA (INDIA)

DATE OF REGISTRATION	17/02/2014
TITLE	NIGHT LAMP



DESIGN NUMBER	258329
CLASS	08-06

1)LALJIBHAI PANCHABHAI ROKAD (INDIAN NATIONAL) AND SOLE PROPRIETOR OF SITARAM METAL HAVING PLACE OF BUSINESS AT-

3, PATEL NAGAR, 80 FEET ROAD, OPP: PATEL TOOLS, RAJKOT-360002 - GUJARAT (INDIA)

DATE OF REGISTRATION	25/11/2013
TITLE	HANDLE



PRIORITY NA

DESIGN NUMBER	259228
CLASS	19-06

1)JOYFUL PLASTICS PRIVATE LIMITED, A COMPANY REGISTERED IN INDIA, HAVING ITS REGISTERED OFFICE AT

20, A/F, NEW EMPIRE INDUSTRIAL ESTATE, KONDIVITA ROAD, J.B.NAGAR, ANDHERI(E), MUMBAI-400059, STATE OF MAHARASHTRA, INDIA, OF ABOVE ADDRESS

DATE OF REGISTRATION	03/01/2014
TITLE	PENCIL BOX



PRIORITY NA

DESIGN NUMBER	260246
CLASS	07-02

1)SHAILESH AMRITLAL VAKHARIA SHAH AN INDIAN PROPRIETOR FIRM AT MITESH METAL INDUSTRIES, B-5, OM SAI ESTATE, GODDEV FATHAK ROAD,

OPP: OLD SYNDICATE BANK LANE, BHAYANDER (E), DIST. THANE PIN NO: 401105, MAHARASHTRA (INDIA) OF ABOVE ADDRESS

DATE OF REGISTRATION	10/02/2014
TITLE	CASSEROLE



DESIGN NUMBER	260336
CLASS	07-02

1)ANIL YOGESHBHAI DESHANI AN INDIAN NATIONAL AND HAVING ADDRESS AT

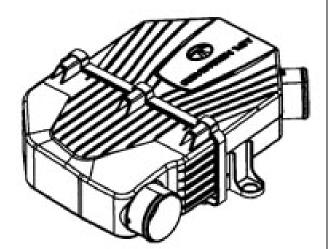
BASERA APPARTMENT, FLAT NO. 201, AMBIKA TOWN SHIP, NANA MAVA ROAD, RAJKOT (GUJARAT) INDIA

DATE OF REGISTRATION	14/02/2014
TITLE	STOVE



PRIORITY NA

DESIGN NUMBER	260008
CLASS	12-16
1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	31/01/2014
TITLE	ENGINE AIR FILTER OF A VEHICLE



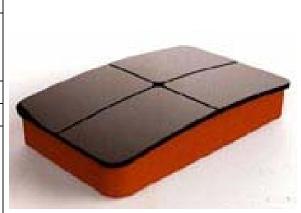
PRIORITY NA

DESIGN NUMBER	260381
CLASS	10-06

1)M/S GM MODULAR PVT. LTD., (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT),

14/15, BOKADIA IND. ESTATE, SATIVALI ROAD, VASAI (EAST)-401208, DISTRICT-THANE, MAHARASHTRA (INDIA)

DATE OF REGISTRATION	17/02/2014
TITLE	DOOR BELL



DESIGN NUMBER	258328
CLASS	08-06

1)LALJIBHAI PANCHABHAI ROKAD (INDIAN NATIONAL) AND SOLE PROPRIETOR OF SITARAM METAL HAVING PLACE OF BUSINESS AT-

3, PATEL NAGAR, 80 FEET ROAD, OPP: PATEL TOOLS, RAJKOT-360 002 - GUJARAT (INDIA)

DATE OF REGISTRATION	25/11/2013
TITLE	HANDLE



PRIORITY NA

DESIGN NUMBER	258540
CLASS	21-01

1)MRS. NEELAM SUSHIL LATH, A CITIZEN OF INDIA, A 405, 406, LA CHAPELLE, EVERSHINE NAGAR, MALAD (WEST), MUMBAI-400064, INDIA.

DATE OF REGISTRATION	03/12/2013
TITLE	TOY



PRIORITY NA

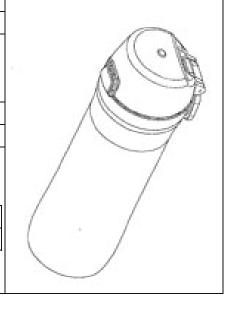
DESIGN NUMBER258260**CLASS**09-01

1)THERMOS L.L.C., A LIMITED LIABILITY COMPANY OF DELAWARE, HAVING PLACE OF BUSINESS AT

 $475\ \mathrm{N.}$ MARTINGALE ROAD, SUITE 1100, SCHAUMBURG, IL 60173, UNITED STATES OF AMERICA

DATE OF REGISTRATION	20/11/2013
TITLE	BOTTLE WITH LID

PRIORITY NUMBER	DATE	COUNTRY
29/455,351	20/05/2013	U.S.A.



DESIGN NUMBER	257799
CLASS	04-02

1) DUAN YONGXIN OF THE ADDRESS,

NO. 145 BLOCK 1 DONGFANGSHUN VILLAGE FANGSHUNQIAO COUNTRYSIDE MANCHENG BAODING CITY HEBEI PROVINCE P.R. CHINA.

DATE OF REGISTRATION	28/10/2013
TITLE	TOOTHBRUSH



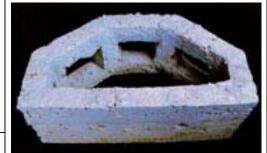
PRIORITY NA

DESIGN NUMBER	257616
CLASS	25-01

1)1. GOVERNMENT COLLEGE OF ENGINEERING, AURANGABAD (MAHARASHTRA STATE) HAVING ADDRESS: THE HOD DEPARTMENT OF APPLIED MECHANICS, GOVT. COLLEGE OF ENGINEERING AURANGABAD, STATION ROAD, OSMANPURA, AURANGABAD-431005, 2. DR. M. G. SHAIKH HAVING ADDRESS: ROW HOUSE NO. 3, NUPUR PARKVIEW, JALANNAGAR, AURANGABAD-431005, AND 3. MR. Q. C. SAYYAD HAVING ADDRESS: GALI NO. 6, MAQSOOD COLONY, ROSHAN GATE, AURANGABAD-431001;

ALL INDIAN NATIONALS HAVING ABOVE MENTIONED ADDRESSES

DATE OF REGISTRATION	21/10/2013
TITLE	CONCRETE HOLLOW BLOCKS
DD TO D TO THE TAXA	



PRIORITY NA

DESIGN NUMBER	259928
CLASS	12-16
1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF	

BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, MAHARASHTRA, INDIA

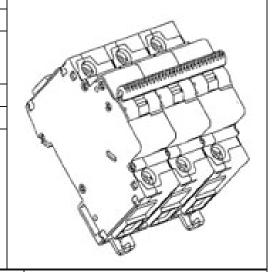
DATE OF REGISTRATION	31/01/2014
TITLE	SIDE AIRCONDITIONING VENT OF A VEHICLE



DESIGN NUMBER	259028
CLASS	13-03

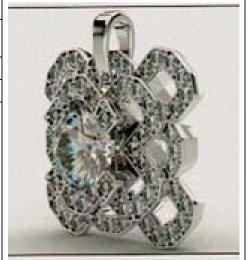
1)NOVATEUR ELECTRICAL & DIGITAL SYSTEMS PVT. LTD., 61/62, 6TH FLOOR, KALPATARU SQUARE, KONDIVITA ROAD, OFF ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI-400059, INDIA

DATE OF REGISTRATION	27/12/2013
TITLE	ELECTRICAL SWITCHING DEVICE



PRIORITY NA

DESIGN NUMBER	258411
CLASS	11-01
1)DE BEERS CENTENARY AG, OF THE ADDRESS ALPENSTRASSE 5, 6000 LUZERN 6, SWITZERLAND	
DATE OF REGISTRATION 27/11/2013	
TITLE	PENDANT



PRIORITY NA

DESIGN NUMBER	258631
CLASS	12-11

1)HONDA MOTOR CO., LTD., A CORPORATION OF JAPAN OF

1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO 107-8556 JAPAN

DATE OF REGISTRATION	09/12/2013
TITLE	MOTORCYCLE

PRIORITY NUMBER	DATE	COUNTRY
2013-013388	13/06/2013	JAPAN



DESIGN NUMBER	257714
CLASS	07-02

1)(1). DHAVAL H. PATEL, (2). BHUMIKA D. PATEL, (3). PRAKASH P. VARMORA AND (4). KALPESH A. PATEL., ALL INDIAN NATIONAL DIRECTORS OF VARMORA PLASTECH PVT. LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956., HAVING ITS PRINCIPLE PLACE OF BUSINESS AT, PLOT NO. 3, SURVEY/BLOCK NO. 86,

PO. VASNA CHACHARVADI, NR. DIVYA BHASKAR PRESS, BAVLA-CHANGODAR-AHMEDABAD HIGHWAY, TAL: SANAND, DIST: AHMEDABAD-382213. GUJARAT-INDIA.

DATE OF REGISTRATION	24/10/2013
TITLE	CONTAINER LID
DDIODIETI NA	



PRIORITY NA

DESIGN NUMBER	254878
CLASS	08-06

1)AMITBHAI SHANTILAL RAKHOLIYA AN INDIAN NATIONAL SOLE PROPRIETOR OF STAR-TECH INDUSTRIES AN INDIAN PROPRIETORSHIP FIRM HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS:

3, GOKUL NAGAR, 1ST FLOOR, OPP. AMAN PAN, NEAR 50 FEET MAIN ROAD, KOTHARIYA ROAD, RAJKOT-2, GUJARAT-INDIA.

DATE OF REGISTRATION	28/06/2013
TITLE	HANDLE



PRIORITY NA

DESIGN NUMBER	259600
CLASS	03-01

1)GOLDEN VAST MACAO COMMERCIAL OFFSHORE LIMITED,

AVENIDA DA PRAIA GRANDE NO 401-415, EDIF, CHINA LAW, 15 ANDAR, B, MACAU, NATIONALITY:- CHINESE, LEGAL STATUS: COMPANY INCORPORATED IN CHINA

DATE OF REGISTRATION	23/01/2014
TITLE	MOBILE PHONE CASE



PRIORITY NUMBER	DATE	COUNTRY
201430016576.8	21/01/2014	CHINA

DESIGN NUMBER	260243
CLASS	31-00

1)MODERN PLASTIC IS A PROPRIETORSHIP FIRM OF

GALA NO. 2 A, SINGH COMPOUND OSHIWARA, NAVPADA ROAD, OFF. S.V. ROAD, JOGESHWARI (WEST), MUMBAI-400102 MAHARASHTRA INDIA

DATE OF REGISTRATION	10/02/2014
TITLE	MIXER GRINDER BODY



PRIORITY NA

DESIGN NUMBER	260330
CLASS	02-04
1)THAIKATTIL JOSE, THAIKATTIL HOUSE, OLLUKARA P.O., THRISSUR, KERALA STATE 680655, INDIA, AN INDIAN NATIONAL	
DATE OF	

DATE OF REGISTRATION	14/02/2014
TITLE	SHOE



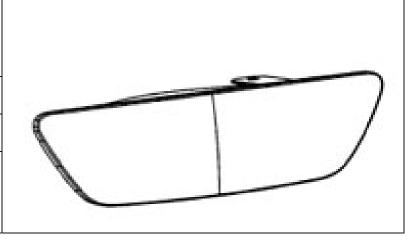
PRIORITY NA

DESIGN NUMBER	259918
CLASS	26-06
1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF	
BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	31/01/2014
TITI E	REAR FOG LAMP OF A

VEHICLE

PRIORITY NA

TITLE

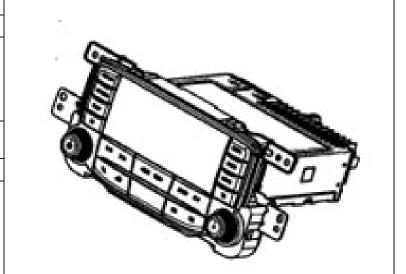


DESIGN NUMBER	259966
CLASS	14-01

1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF

BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA

DATE OF REGISTRATION	31/01/2014
TITLE	MUSIC SYSTEM OF A VEHICLE



PRIORITY NA

DESIGN NUMBER	260378
CLASS	26-05
1)M/S GM MODULAR PVT. LTD (A COMPANY INCORPORATED	

1)M/S GM MODULAR PVT. LTD., (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT),

14/15, BOKADIA IND. ESTATE, SATIVALI ROAD, VASAI (EAST)-401208, DISTRICT-THANE, MAHARASHTRA (INDIA)

DATE OF REGISTRATION	17/02/2014
TITLE	NIGHT LAMP



PRIORITY NA

DESIGN NUMBER	260353
CLASS	02-04

1)M/S GARG INDUSTRIES, T-2/166, PHASE-1, MANGOL PURI INDUSTRIAL AREA, DELHI-110085,

AN INDIAN PROPRIETORSHIP FIRM, WHOSE PROPRIETOR IS MUKESH GARG, OF ABOVE ADDRESS, AN INDIAN NATIONAL

DATE OF REGISTRATION	17/02/2014
TITLE	FOOTWEAR



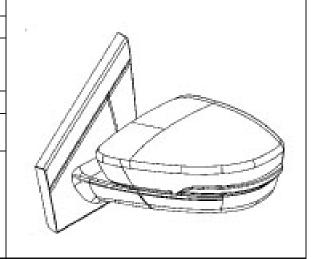


DESIGN NUMBER	259914
CLASS	12-16

1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF

BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, MAHARASHTRA, INDIA

DATE OF REGISTRATION	31/01/2014
TITLE	OUTER REAR VIEW MIRROR OF A VEHICLE

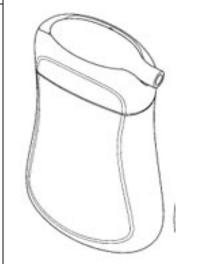


PRIORITY NA

DESIGN NUMBER	260121	
CLASS	09-01	
1)RECKITT BENCKISER (BRANDS) LIMITED, A BRITISH COMPANY OF 103-105 BATH ROAD, SLOUGH BERKSHIRE, SL1 3UH, UNITED KINGDOM		
DATE OF REGISTRATION 05/02/2014		
TITLE	BOTTLE WITH CAP	

PRIORITY

PRIORITI			
PRIORITY NUMBER	DATE	COUNTRY	
002286617-0001	05/08/2013	OHIM	

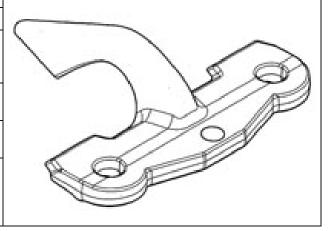


DESIGN NUMBER	259312
CLASS	15-03

1)MACDON INDUSTRIES LTD.,

680 MORAY STREET, WINNIPEG MANITOBA CANADA R3J 3S3, NATIONALITY: CANADA

555, IVATIONALITT. CANADA			
DATE OF REGISTRATION	09/01/2014		
TITLE	HOLD DOWN FOR A BLADE OF A SICKLE BAR MOWER		
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
154398		20/12/2013	CANADA



DESIGN NUMBER	258794
CLASS	08-08

1)MR. AJAY KUMAR GOYAL, AN INDIAN CITIZEN, PROPRIETOR OF M/S. IMPERIAL INDUSTRIES, AN INDIAN PROPRIETORSHIP COMPANY OF

KHASRA NO. 65, NEAR MCD SCHOOL, SHAHBAAD, DAULATPUR, DELHI-110052, INDIA

DATE OF REGISTRATION	17/12/2013
TITLE	TOWER BOLT



PRIORITY NA

DESIGN NUMBER	255416
CLASS	09-01

1)DON & SCHOLAR SPIRITS LIMITED A COMPANY ESTABLISHED AS PER THE LAWS OF SCOTLAND WHOSE ADDRESS IS AT

BLUE SQUARE HOUSE, 272 BATH STREET GLASGOW, SCOTLAND, G2 4JR, SCOTLAND

DATE OF REGISTRATION	26/07/2013
TITLE	BOTTLE



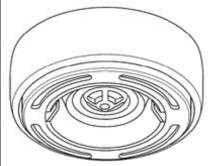
PRIORITY NA

DESIGN NUMBER	259368	
CLASS	09-99	
1)PEPSICO, INC., INCORPORATED IN NORTH CAROLINA OF		
700 ANDERSON HILL ROAD, PURCHASE, NEW YORK 10577, UNITED STATES		

OF AMERICA

DATE OF REGISTRATION	13/01/2014
TITLE	RECEPTACLE FOR A CONTAINER

PRIORITY NUMBER	DATE	COUNTRY
29/460,547	11/07/2013	U.S.A.
	•	•



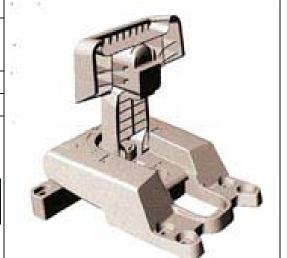
DESIGN NUMBER		259589	
CLASS		07-02	
1)KONINKLIJKE PHILIPS N.V., UNDER THE LAWS OF THE KING EINDHOVEN, WHOSE POST-OFFICE ADDRES EINDHOVEN, THE NETHERLANDS	S IS HIGH TECH CAN	HERLANDS, RESIDING AT	
DATE OF REGISTRATION	2	3/01/2014	
TITLE	COF	FEE MAKER	
PRIORITY PRIORITY NUMBER 002298869-0001	DATE 29/08/2013	COUNTRY OHIM	
DESIGN NUMBER		259987	
CLASS		12-16	
1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, MAHARASHTRA, INDIA DATE OF REGISTRATION 31/01/2014			
TITLE		IM OF A VEHICLE	
PRIORITY NA			
DESIGN NUMBER	258361		
CLASS		12-16	
1)DAIMLER INDIA COMMERCI INDIAN COMPANY INCORPORA' OF UNIT 201, 2ND FLOOR CAM 143, DR. MGR ROAD, PERUNGUDI,	FED UNDER THE LA PUS 3B, RMZ MILLEN	WS OF INDIA, NNIA BUSINESS PARK NO.	
	25/11/2013		
DATE OF REGISTRATION	_		
DATE OF REGISTRATION TITLE		IICLE DOOR	
		IICLE DOOR	
TITLE		COUNTRY	

DESIGN NUMBER	258858
CLASS	08-07

1)INDUSTRILÅS I NÄSSJÖ AKTIEBOLAG, A SWEDISH COMPANY OF

BOX 214, SVEDJEGATAN 1, 571 23 NÄSSJÖ, SWEDEN

DATE OF REGISTRATION	19/12/2013
TITLE	LOCKING DEVICE



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002273094	12/07/2013	OHIM

DESIGN NUMBER	260241
CLASS	31-00

1)MODERN PLASTIC IS A PROPRIETORSHIP FIRM OF

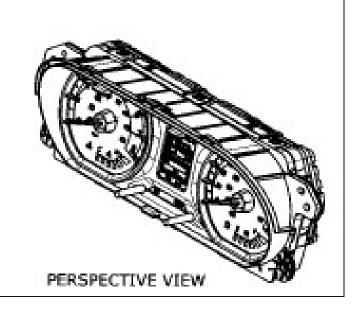
GALA NO. 2 A, SINGH COMPOUND OSHIWARA, NAVPADA ROAD, OFF. S.V. ROAD, JOGESHWARI (WEST), MUMBAI-400102 MAHARASHTRA INDIA

DATE OF REGISTRATION	10/02/2014
TITLE	MIXER GRINDER BODY



DESIGN NUMBER	259963	
CLASS	12-16	
1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA		
DATE OF REGISTRATION	31/01/2014	
TITLE	INSTRUMENT CLUSTER OF A VEHICLE	





DESIGN NUMBER	260123
CLASS	09-07

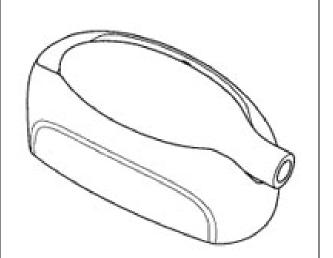
1)RECKITT BENCKISER (BRANDS) LIMITED, A BRITISH COMPANY OF

103-105 BATH ROAD, SLOUGH BERKSHIRE, SL1 3UH, UNITED KINGDOM

DATE OF REGISTRATION	05/02/2014
TITLE	CAP



PRIORITY NUMBER	DATE	COUNTRY
002286617-0001	05/08/2013	OHIM



DESIGN NUMBER	258058
CLASS	12-16

1)JCB INDIA LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW DELHI, INDIA

AND WORKS AT 23/7, MATHURA ROAD, BALLABGARH, HARYANA, INDIA

DATE OF REGISTRATION	11/11/2013	
TITLE	AIRCON COVER FOR BACKHOE LOADER	



PRIORITY NA

DESIGN NUMBER	258810	
CLASS	22-06	

1)YOGESH PALIWAL, AN INDIAN NATIONAL PROPRIETOR OF FARM INPUT TRADING COMPANY,

6, SAWARKAR MARKET, DATTA CHOWK, YAVATMAL-445001, MAHARASHTRA, INDIA

DATE OF REGISTRATION 18/12/2013	
TITLE INSECT TRAP	

