पेटेंट कार्यालय शासकीय जर्नल

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पेटेंट कार्यालय का एक प्रकाशन PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

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

26th SEPTEMBER, 2014

CONTENTS

SUBJECT		PAGE NUMBER
JURISDICTION	:	2831 - 2832
SPECIAL NOTICE	:	2833 - 2834
EARLY PUBLICATION (DELHI)	:	2835 - 2838
EARLY PUBLICATION (MUMBAI)	:	2839 - 2848
EARLY PUBLICATION (CHENNAI)	:	2849 - 2853
EARLY PUBLICATION (KOLKATA)	:	2854 - 2856
PUBLICATION AFTER 18 MONTHS (DELHI)	:	2857 – 3282
PUBLICATION AFTER 18 MONTHS (MUMBAI)	:	3283 - 3543
PUBLICATION AFTER 18 MONTHS (CHENNAI)	:	3544 – 4241
PUBLICATION AFTER 18 MONTHS (KOLKATA)	:	4242 - 4367
AMENDMENT UNDER SEC. 57 (KOLKATA)	:	4368
PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENT (KOLKATA)	:	4369
PUBLICATION U/S.60 IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (KOLKATA)	:	4370
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (DELHI)	:	4371 - 4376
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (MUMBAI)	:	4377 - 4379
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (CHENNAI)	:	4380 - 4383
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (KOLKATA)	:	4384 - 4386
INTRODUCTION TO DESIGN PUBLICATION	:	4387
PUBLIC NOTICE	:	4388
THE DESIGNS ACT 2000 SECTION 30 DESIGN ASSIGNMENT	:	4389
CANCELLATION PROCEEDINGS UNDER SECTION 19 OF THE DESIGNS ACT, 2000	:	4390
COPYRIGHT PUBLICATION	:	4391

THE PATENT OFFICE

KOLKATA, 26/09/2014

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

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

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

पेटेंट कार्यालय

कोलकाता, दिनांक 26/09/2014

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			ई. मेल: chennai-patent@nic.in
			🔹 आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा
			पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षदीप
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	एंटोप हिल डाकघर के समीप,		बौद्धिक संपदा भवन,
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	फ़ैक्स: (91) (22) 24130387		फोन: (91)(33) 2367 1943/44/45/46/87
	ई. मेल: Mumbai-patent@nic.in		फ़ैक्स:/Fax: (91)(33) 2367 1988
	🔹 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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	प्लॉट सं. 32, सेक्टर- 14, द्वारका, नई दिल्ली- 110 075.		
	फोन: (91)(11) 2808 1921-25		
	फ़ैक्स: (91)(11) 2808 1920, 2808 1940		
	ई. मेल: delhi-patent@nic.in		
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www.patentoffice.nic.in

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

SPECIAL NOTICE

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

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

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

(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.2532/DEL/2014 A
(19) INDIA	
(22) Date of filing of Application :04/09/2014	(43) Publication Date : 26/09/2014

(54) Title of the invention : CLEAN ELECTRIC POWER GENERATION DEVICE.

	:NA2)ABHAY KANOO:NA(72)Name of Inventor :: NA1)AMAL KISHOR KANOOr:NA:NA2)ABHAY KANOO
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(57) Abstract :

A clean electric power generation device is disclosed. The clean electric power generation device comprises at least one traction motor coupled to a gear box. The gear box is coupled to at least one electric power generator provided to generate electric power. A speed governor is provided with the gear box to control and maintain constant speed of the electric power generator provided to generate electric electric power of a constant voltage and frequency.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : AN IMPROVED MINI TRIGGER SPRAYER (51) International classification :B05B11/02 (71)Name of Applicant : 1)MANISH SAGGAR, (31) Priority Document No :NA Address of Applicant :91 BASANT AVENUE AMRITSAR (32) Priority Date :NA (33) Name of priority country :NA 143001 Punjab India (72)Name of Inventor : (86) International Application No :NA Filing Date :NA 1)MANISH SAGGAR (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 mini-trigger sprayer comprising a body(1) whose length is reduced to allow components to fit in the body; a shroud(2) used for displaying the brand name; a trigger handle(3) associated with the piston; a rib(5) associated on a front end of the body to restrict upward movement of the trigger handle(3); and a nozzle(7) coupled to front end of the body and performs the functions of dispensing liquid with different dispensing options.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : A TRIGGER SPRAYER SUITABLE FOR SMALLER CLOSURES/CAPS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)MANISH SAGGAR Address of Applicant :91 BASANT AVENUE, AMRITSAR 143001 Punjab India (72)Name of Inventor : 1)MANISH SAGGAR
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to an improved trigger sprayer that comprises a body(6), a piston with a hollow shaft in the chamber of the body(6); a trigger handle(4) coupled to the piston through a lock(2) of an outer diarneter(3C), a predetermined length(3B) and a surface area(3A) is equipped to the body(6) with the help of a cap(2) to allow said cap (2) to fit in the trigger sprayer.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : MINI TRIGGER SPRAYER WITH FOAMING OPTION

(51) International classification (31) Priority Document No	:B05B11/02 :NA	(71)Name of Applicant : 1)MANISH SAGGAR
(32) Priority Date	:NA	Address of Applicant :91 BASANT AVENUE, AMRITSAR
(33) Name of priority country	:NA	143001 Punjab India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MANISH SAGGAR
(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 mini trigger sprayer for dispensing liquid products, comprising a trigger handle; a nozzle (1) having a straight tube, an orifice and a mesh (2). The trigger handle is pressed to pass liquid product through the orifice and is dispensed through the mesh in the form of foarnlspray.

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

(19) INDIA

(22) Date of filing of Application :11/04/2014

(54) Title of the invention : METHOD OF CONTROLLING PEST POPULATIONS.

(51) International classification	59/00, A01N 63/00	 (71)Name of Applicant : 1)DR. ANIL KUMAR KHARE Address of Applicant :DR. R. B. NAVIN GIRLS COLLEGE, DEPARTMENT OF ZOOLOGY, RAIPUR-492001,
(31) Priority Document No	:NA	CHHATTISGARH, INDIA
(32) Priority Date	:NA	2)DR. (SMT.) ARCHANA KHARE
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)DR. ANIL KUMAR KHARE
Filing Date	:NA	2)DR. (SMT.) ARCHANA KHARE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method of controlling a population of pests by way of using radiation techniques. The method comprises collecting a predetermined quantity of pests and treating the said pests with a plurality of radiations at predetermined doses and time to induce sterility. The pests include plurality of species of coleopteran beetles which further include Raphidopalpa faveicollis, Alphilobius diaperinus and Hoplocerambyx spinicornis species. The radiations include UV radiation, X-ray radiation and CO60 radiation. The radiations induce sterility in said pests by hampering reproductive cells of said pests which hinder their growth.

No. of Pages : 63 No. of Claims : 9

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : MULTIFUNCTIONAL ORGANIC AGRICULTURAL FERTILIZERCOMPOSITION AND PROCESS FOR PREPARATION THEREOF

(51) International classification	:C05G 5/00, C05B 15/00	 (71)Name of Applicant : 1)CHAUDHRY SUUNIL SUDHAKAR Address of Applicant :A,86/89 MIDC, Industrial area, Jalgaon 425003, Maharashtra, India.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)CHAUDHRY SUUNIL SUDHAKAR
(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 invention disclosed herein is a multifunctional agricultural organic bio-complexed composition comprising essential and nonessential nutritional elements; useful as a fertilizer, nutrient, bio-stimulant, complexing agent, pH controller, pH indicator, pH corrector, hard water salts in-activator, surface tension reducer, Spreader, penetrator, adjuvant, alkaline hard water ill effects mitigator, water conditioner and drip system irrigation cleaner. The invention also disclosed herein a process for preparation thereof.

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

(19) INDIA

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

(54) Title of the invention : BIODEGRADABLE MASTERBATCHES AND COMPOSITIONS THEREOF

	C0012/20	
		(71)Name of Applicant :
(51) International classification	C08K5/00,	1)NORTH MAHARASHTRA UNIVERSITY
	C08L33/06	Address of Applicant :NORTH MAHARASHTRA
(31) Priority Document No	:NA	UNIVERSITY P.B. NO. 80, JALGAON, 425001,
(32) Priority Date	:NA	MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)ANIRUDDHA CHATTERJEE
Filing Date	:NA	2)CHINMAY HAZRA
(87) International Publication No	: NA	3)DEBASREE KUNDU
(61) Patent of Addition to Application Number	:NA	4)AMBALAL CHAUDHARI
Filing Date	:NA	5)SATYENDRA MISHRA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a biodegradable thermoplastic polymer masterbatch composition comprising a blend of at least one thermoplastic polymer containing high loading of at least one surface modified filler uniformly dispersed in the polymer matrix. The amount of the thermoplastic polymer is generally from about 30% to about 60% by weight and the amount of the filler is from about 70\$ to about 40% by weight, based upon the total amount of one thermoplastic polymer and at least one inorganic surface modified filler. The desired uniform dispersion of the fillers is obtained by adding small particles of the filler having a median particle size of about 0.05 urn to about 5 urn to a melt of the thermoplastic polymer and blending using high shear equipment like extrusion and injection. The masterbatch composition is then physically blended with additional virgin thermoplastic polymer and extrusion and/or injection processed for preparing biodegradable products. The biodegradable thermoplastic masterbatch with desirable dispersion effect, interface bonding ability and substitutability, together with its preparation method, is provided.

No. of Pages : 20 No. of Claims : 14

(19) INDIA

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

(54) Title of the invention : A HYBRID PLUG AND METHOD OF SEALING A DRUM

(51) International classification	:F16J 15/00, B21D 51/26	 (71)Name of Applicant : 1)SUDARSHAN MADOPRASAD SARAF Address of Applicant :33, RAJAT APPARTMENT, MOUNT PLEASANT ROAD, MUMBAI, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)SUDARSHAN MADOPRASAD SARAF
(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 hybrid plug is a single component replacement for three components, the paint plug, conventional plug and capseal in a drum closure. It is formed from a single sheet of metal and has a plug portion and a capseal portion which vary in thickness. The plug portion has a collar and an externally threaded wall with a plug gasket disposed on a plug gasket seat. The capseal portion is provided with ears and scoring to enable separation from the plug portion and with a lining on the inner wall of the capseal portion to safeguard against plug gasket failure. The capseal portion may be recessed at intervals to form dimples which hold the hybrid plug in place in an automated insertion process. The hybrid plug provides a passage for air and gases during paint curing and leak testing without necessitating removal.

No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :04/09/2014

(54) Title of the invention : A TOROIDAL TRANSFORMER AND A PERMANENT MAGNET/ ELECTROMAGNET MOTOR.(TOROIDAL TRANSMOTOR)

(51) International classification:G01R2 G01R15(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NA	 (7/26, (71)Name of Applicant : 1)PATEL Prashantkumar Address of Applicant :15-Dipak Apartment, Near College Campus, Tithal Road, Valsad-396001, Gujarat, India 2)PATEL Tejaskumar (72)Name of Inventor : 1)PATEL Prashantkumar 2)PATEL Tejaskumar
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(57) Abstract :

A toroidal transmotor is a combination of static and dynamic device which gives the combine features of the toroidal transformer and motor. The toroidal transmotor relates maximum utilization of flux linkage by using the combination of a toroidal transformer and a permanent magnet/electromagnet motor.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : HIGH PERFORMANCE THIN LAYER CHROMATOGRAPHIC DETERMINATION OF COMBINED DOSAGE FORM OF SALBUTAMOL AND BECLOMETHASONE IN ROTA CAPS

(51) International classification	:A61K31/57, G01N 30/00	(71)Name of Applicant : 1)ANAND CHANDRAKANT PATIL
(31) Priority Document No	:NA	Address of Applicant :GAJANAN NAGAR, KAREGAON
(32) Priority Date	:NA	RD, PARBHANI 431401 Maharashtra India
(33) Name of priority country	:NA	2)SAIRA MULLA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ANAND CHANDRAKANT PATIL
(87) International Publication No	: NA	2)SAIRA MULLA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In one of the important aspect of the invention high performance thin layer chromatography (HPTLC) method simultaneous determination of combined dosage form of Salbutamol and Beclomethasone in Rota caps, the chromatograms were developed using a mobile phase of Toluene: Ethanol: Triethyl amine (6:2:1 v/v). The method uses aluminum plates coated with silica gel 60 F254 as stationary phase. Densitometry evaluation of the separated bands was performed at 270 nm. The Revalues for Salbutamol and Beclomethasone were 0.38 and 0.82 respectively. The linearity of Salbutamol and Beclomethasone is 1600 to 9600 ng/spot and 400 to 2400 ng/spot respectively. Recovery of Salbutamol and Beclomethasone is in between 100.02 to 101.99. Precision, Robustness and Ruggedness are shown in validation section. The proposed method HPTLC method is simple, economic, accurate & reproducible & can be used in routine analysis for simultaneous determination of Salbutamol and Beclomethasone in combined dosage form.

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

(22) Date of filing of Application :15/09/2014

(54) Title of the invention : METHOD AND SYSTEM FOR SUCCESSIVE SKILLS ATTAINMENT IN THE LEARNING AND DELIVERY OF COURSES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G09B3/00, G09B 5/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)DR JAGANNATH VITHALRAO AGHAV Address of Applicant :A 304 ABHILASHA GARDEN, SUS PASHAN ROAD, PUNE-411021, MAHARASHTRA, INDIA. 2)MS ISHWARI JAGANNATH AGHAV (72)Name of Inventor : 1)DR JAGANNATH VITHALRAO AGHAV 2)MS ISHWARI JAGANNATH AGHAV
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(57) Abstract :

Method and System that measures, maps, and allows to focus and improve of successive skills attainment in the learning and delivery of course contents is disclosed. The novel system architecture contains engines to: design course outcomes, design weighted assessments, report generation, and learning analytics. Each engine contains algorithmic methodology devised independent of contents or subject matter. The disclosed system is completely automatic, saves manual labor hours, generates usable document reports for records, accreditation, supervisors, benchmarking, for next offerings.

No. of Pages : 17 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :05/09/2014

(54) Title of the invention : ELECTRIC ROTARY ENGINE RUN BY BATTERY OR SOLAR CELL

(51) Intermetional classification	:H02P9/04, F03G6/04.	(71)Name of Applicant : 1)MANAS RANJAN MISHRA
(51) International classification	,	
	F02G1/043	
(31) Priority Document No	:NA	POKHARAN ROAD NO.2, THANE 400610. Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)MANAS RANJAN MISHRA
(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 :

It Is a rotary engine employing a coil in magnetic field which provides a linear deflection when given electricity through carbon brush method or any other suitable method. The linear motion of the coil is attached to a linear to rotary converter which delivers a rotary effect in result tike electric motor or petrol/diesel internal combustion engine.

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

(19) INDIA

(22) Date of filing of Application :05/09/2014

(54) Title of the invention : AN IMPROVED SECURITY SEAL PROVIDING SECURITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B65D63/10, G09F3/03, :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)SIDDHARTH SUSHIL VAID Address of Applicant :RAHEJA WILLOWS, 1803 SILVER OAK, AKURLI ROAD, KANDIVALI EAST, MUMBAI - 400101. Maharashtra India (72)Name of Inventor : 1)SIDDHARTH SUSHIL VAID
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

An Improved Security Seal Providing Security against theft, contamination or unauthorized access of the goods or items in transit or otherwise where a Plastic Strip made up of Polypropylene (PP) having one end as free end and the other end has a Locking System inserted with a Disc or Cap which is further inserted with Flat Stainless Steel Spring with angular edges at its centre, thus making a single slot, where when the free end is inserted from one side of the locking system and passes through the other side of it, providing a more secured and improved grip and lock on the said product or item which gets engulfed within the present invention like annular shape, which is one time usable tamper proof and can only be ruptured or broken or cut to unlock it.

No. of Pages : 18 No. of Claims : 6

(22) Date of filing of Application :17/09/2013

(54) Title of the invention : METHOD TO USE MAGNETIC PARTICLES FOR THE EXTRACTION OF BIOMOLECULES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C12N15/10, C12Q 1/68 :NA :NA :NA :NA	 (71)Name of Applicant : 1)The Registrar, Charotar University of Science & Technology (CHARUSAT) Address of Applicant :CHARUSAT Campus, Changa, Dist. Anand 388 421, Gujarat, India (72)Name of Inventor :
 Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (2) Distribute Application Number 	:NA : NA :NA :NA	 1)DESAI, Rucha, Pradipkumar 2)BHATI, Aniruddha 3)PATHAK, Hilor Shubhash 4)UPADHYAY, Ramesh Venkataramaiah 5)CHANKYU DADAMBU Damaharah Numerikarah
(62) Divisional to Application Number Filing Date	:NA :NA	5)CHANIYILPARAMPU, Ramchand, Nanappan

(57) Abstract :

Method for extraction of biomoleculs by magnetic particles The present invention provides a method for extraction of biomolecules preferably protein by magnetic particles. Magnetic particle is preferably uncoated /bared magnetic particle. The present invention also provides a process for the extraction of protein by steps of addition of magnetic particle into biological system, application of external magnetic field, collection of protein-magnetic particle pellet, resolubilization and finalization of collecting solublized protein and for drug extraction the step includes resuspendasion of the collected supernatant in mobile phase. The magnetic nanoparticle is synthetic analogues of any suitable magnetic material or combination of materials, such as magnetite, ulvospinel, hematite, ilmenite, maghemite, jacobsite, trevorite, magnesioferrite, pyrrhotite, greigite, troilite, goethite, lepidocrocite, feroxyhyte, iron, nickel, cobalt, awaruite, wairauite, or any combination thereof. It is also being made up of transition metal such as iron, manganese, nickel, cobalt, zinc, etc. The magnetic nanoparticles are various sizes and shapes.

No. of Pages : 40 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :30/01/2009

(43) Publication Date : 26/09/2014

(54) Title of the invention : EMISSION CONTROL BY WATER SPRAYING SYSTEM ON EXHAUST LINE

(51) International classification	:b01d	(71)Name of Applicant :
(31) Priority Document No	:NA	1)S.M.SEENIMOHIDEEN
(32) Priority Date	:NA	Address of Applicant :SETHU INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY, PULLOOR, KARIAPATTI - 626 106.
(86) International Application No	:NA	VIRUDHU NAGAR DISTRICT Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)S.M.SEENIMOHIDEEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to the combustion engine of vehicle emitted harmful combustion products of Carbon monoxide (CO), Nitrogen Oxide (NOx), various HyHro Carbons and other oxides of sulfur (SOx) emissions which is reduced by injecting cold water on exhaust pipe line in four wheeler vehicle. The cold water injection system deposits harmful exhaust emissions and control the pollution by spraying cold water using atomizing nozzles. Water is cooled by refrigeration system; increase the pressure of water by gravity method or mechanical pump and air compressor and spray the water droplets on the exhaust pipe line. Thus the emission particles are deposited in [the drain tank fixed below the exhaust pipe.

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

(19) INDIA

(22) Date of filing of Application :30/01/2009

(54) Title of the invention : REMOTE OPERATING MOVABLE FIRE EXTINGUISHER :a62c (71)Name of Applicant : (51) International classification 1)P.JAYAKUMAR (31) Priority Document No :NA Address of Applicant :SETHU INSTITUTE OF (32) Priority Date :NA TECHNOLOGY, PULLOOR, KARIAPATTI - 626 106 (33) Name of priority country :NA VIRUDHU NAGAR DISTRICT, Tamil Nadu India (86) International Application No :NA Filing Date :NA (72)Name of Inventor : : NA (87) International Publication No **1)P.JAYAKUMAR RESEARCH ASSOCIATE** (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

This invention; mainSy applicable for fire extinguishing with safety- precautions using automated remote operated vehicle and remote operated fire extinguisher. The fire extinguisher have different media of fire extinguishing material like water, foam, powdejr and COzgas, Any one of this media is loaded in the remote operated relay function valve cylinder and fitted on the remote operated vehicle. This invention jis mainly Concentrated on fire extinguishing from remote area with safety, in which the fire extinguishing media, is loaded in the cylinder which is moved to firing area by remote control and discharge the extinguishing material to the fire by remote! operated electronically deformable hose with nozzle. The deformable discharged hose discharge the fire extinguishing media direct to the base of the flame and it cisn be remotely move the jet from the side to side by sweeping motion.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : A COT TO PREVENT AND TREAT BEDSORES		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:a61g :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant : 1)DR. SRINIVASA RAGHAVAN KALYANARAMAN Address of Applicant :CHITRA KALYANARAMAN (C.K.R.) HOSPITAL, NEW NO.13, OLD NO.56 A/1, FAJAJI ROAD, SALEM- 636 077 Tamil Nadu India (72)Name of Inventor : 1)DR. SRINIVASA RAGHAVAN KALYANARAMAN
Filing Date	:NA	

(57) Abstract :

The present invention relates to a therapeutic bed for the prevention of bedsores and to assist healing bedsores, intended for the short term and for the long term care of bedridden patients by utilizing extra gaps created on the bed surface without disturbing the position of the patient and without the requirement of any electrical power supply, comprising a set of odd (11) and even (12) cushioned thick slats of similar size placed alternatively with gaps in-between them, the alternating up and down movement of the odd and even thick slats at the pre-determined location and height creating additional gaps in the bed surface that relieves pressure and circulates fresh air through the said gaps created at different pre-determined locations on the bed surface thus prevents formation of bed sores and possibly assists in the healing of formed bed sores, by achieving pressure relief and aeration throughout the body surface of the patient at different moments without moving the patient.

No. of Pages : 37 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : WATER PURIFIER SYST	EM	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	 (71)Name of Applicant : 1)T.J. THADEVOOZ Address of Applicant :THOTTAKATH HOUSE, KOTHAD PO., ERNAKULAM - 682 027 Kerala India (72)Name of Inventor : 1)T.J. THADEVOOZ

(57) Abstract :

The water purifier system comprises a first stage involving an initial spherical shaped and spirally cut distributor attached to the water inlet pipe for providing the initial purification, filtration of solid particles from the inlet water and equal distribution of the water into the said filter system. The said water purifier system comprises of a second level of purifier comprising of a nylon bed and/or a sandwich of stainless steel net of one square inch with at least 40 turns placed beneath the said distributor for providing the second stage of purification of the water leaving the said distributor. The third level of purifier placed beneath the said nylon bed comprises of a composition of cleaned sand, basalt and anthracitewherein the said cleaned sand is of third grade fine cleaned sand mixed with Everest German anthracite and basalt resulting in a filter bed of pre-determined length. The said composition of third grade cleaned fine sand, Everest German anthracite and basalt filter bed of pre-determined length sandwiched between the said nylon beds filters the said inlet water for the removal of chemicals from the second level filtered water and the quantity of the said third grade cleaned fine sand, Everest German anthracite and basalt in the said composition is determined based on the impurity contents in the said water to be filtered. The water purifier system as described above wherein the said purifier stage comprises of a fourth level of purifier comprising of a nylon bed and/or a sandwich of stainless steel net of one square inch with at least 40 turns placed beneath the said composition of third grade cleaned fine sand, Everest German anthracite and basalt acting as a net for the intact positioning of the said composition. The water purifier system comprises of a fifth level of purifier comprises of varied sized pebbles ranging from 1 inch to Yz inch of pre-determined length placed beneath the said nylon bed and sand composition for filtering the residual impurities from the pre-filtered water and a sixth level of purifier comprises of a spirally cut stainless steel net forming the end cap bottom collector for collecting the purified and filtered water from the said system.

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

(19) INDIA

(22) Date of filing of Application :05/09/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : A SYSTEM AND A METHOD TO REMIND AND UPDATE USERS OF THEIR MEETINGS AND **SCHEDULES**

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:NA :NA :NA	 (71)Name of Applicant : 1)VASANTH RAJ. G Address of Applicant :42, VEERABADRAN STREET, NUNGAMBAKKAM, CHENNAI - 600 034 Tamil Nadu India
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)VASANTH RAJ. G
(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 inviting, sharing, reminding and updating events and meetings, such as a calendar of events or meetings/calls, between two or more users. Each user is connected through mobile phone network. The present invention relates generally to the field of software and software application for mobiles/smart phones. It saves money, power and energy. More particularly this invention concerns such usage among every one who are interested in conducting, meeting, events or schedules, which is required by a user.

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

(22) Date of filing of Application :13/12/2013

(54) Title of the invention : INTEGRATED POWER SYSTEM FOR GENERATION OF ELECTRICITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	9/00 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BISWABANDITA KAR Address of Applicant :SCHOOL OF APPLIED SCIENCES D-BLOCK, 6TH FLOOR CAMPUS-III, KIIT UNIVERSITY BHUBANESWAR, ODISHA, PIN-751024 Orissa India (72)Name of Inventor : 1)BISWAB ANDITA KAB
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:NA : NA :NA :NA	1)BISWABANDITA KAR 2)RAJIV LOCHAN SAHU 3)DIBYARANJAN ROUT 4)RAVI NARAYAN DASH
(62) Divisional to Application Number Filing Date	:NA :NA	5)UMESH CHANDRA PANDA

(57) Abstract :

(19) INDIA

The present innovation aims to generate sustainable and clean energy from renewable sources using a reliable and cost-effective tower technology. For its practical realization, an advanced, highly effective and efficient solar updraft power system is designed which primarily includes a solar field composed of a set of heliostats, a wind inlet at the basement, a wind farm in the central zone consisting of air turbines attached to air tower column and a receiver zone at the upper part of the tower. The heliostats concentrate the solar radiation on to the receiver made up of low specific heat alloy material. This leads the air volume in the receiver zone to get heated up and move towards the top of the tower resulting a flow of air from the bottom of the tower in a cyclonic fashion with an expected speed of 140 Km/h. Using the air turbines in suitable orientations in the path of cyclonic wind, the proposed solar updraft power system is expected to produce an appreciable quantity of electricity while at the same time reducing the natural recourse consumption.

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

(19) INDIA

(22) Date of filing of Application :20/08/2014

(54) Title of the invention : ANTIMICROBIAL CREAM FROM TUBEROSE FLOWERS

(51) International classification	AC1122C/07	(71)Nome of Applicant.
(51) International classification	:A01K30/8/	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHATTACHARJEE PARAMITA
(32) Priority Date	:NA	Address of Applicant : DEPT. OF FOOD TECHNOLOGY
(33) Name of priority country	:NA	AND BIOCHEMICAL ENGINEERING (EIBE), JADAVPUR
(86) International Application No	:NA	UNIVERSITY (JU), KOL-32 West Bengal India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BHATTACHARJEE PARAMITA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to design of a novel antimicrobial cream for topical applications using an extract of tuberose flowers obtained by the green technology of supercritical carbon dioxide (SC- CO2) extraction. The extracts obtained by this technology at different extraction parameters have been assayed for phytochemical properties and antimicrobial potency against common pathogens. The extract with best combination of these properties was obtained at extraction conditions of 40°C, 100 bar and 135 min. This extract has been employed for formulation of a topical antimicrobial cream. No bacterial growth (signifying excellent antimicrobial potency) of Staphylococcus aureus was found in the cream formulated with extract at 5% (w/w of cream). This cream had the highest sensory appeal and antimicrobial potency comparable to two commercial topical antimicrobial creams.

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

(19) INDIA

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

(54) Title of the invention : DUAL DRIVE SURFACE ACOUSTIC WAVE MOTOR AND THE PACKAGE

(51) International classification	:H01L41/047	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BEHERA BASUDEBA
(32) Priority Date	:NA	Address of Applicant : DEPATMENT OF ELECTRONICS
(33) Name of priority country	:NA	AND ELECTRICAL ENGINEERING, INDIAN INSTITUTE OF
(86) International Application No	:NA	TECHNOLOGY GUWAHATI, GUWAHATI, PIN-781039,
Filing Date	:NA	ASSAM,INDIA
(87) International Publication No	: NA	2)NEMADE HARSHAL BHALCHANDRA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BEHERA BASUDEBA
(62) Divisional to Application Number	:NA	2)NEMADE HARSHAL BHALCHANDRA
Filing Date	:NA	

(57) Abstract :

The present invention relates to a surface acoustic wave (SAW) motor that can possess translational as well as rotational motion of a cylindrical shaft using appropriate excitation, and an outer metallic package having electric connecting pins and slots for driving external load. The SAW motor comprises of a cylindrical shaft held tightly between two piezoelectric flat stators facing each other. Each stator has an interdigital transducer (IDT) patterned at each end of the piezoelectric substrates. The application of electrical excitation to an IDT generates SAW on the stator surface that interacts with the shaft at the line of contact and the frictional force acts on the shaft in the direction opposite to the SAW propagation. The required frictional force is generated through the application of preload using a slotted disc spring in the outer package. By exciting the two stators simultaneously with the IDTs on the right side of the motor, the shaft makes translational motion towards right. The motion of the shaft is reversed by switching excitation to the IDT pair on the left side of the motor. In addition the motor can accomplish rotational motion clockwise by activating the IDT at the right side of top stator and the IDT at the left side of the bottom stator. Similarly anticlockwise rotation of the shaft is possible by activating the excitations. Thus the invention is capable of performing motion in two degrees of freedom, one translational and one rotational hence can perform complex tasks in compact size with exceptional features of stable motion, light weight, high speed, and quick response.

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

Publication After 18 Months:

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

(12) PATENT APPLICATION PUBLICATION	(21) Application No.10480/DELNP/2012 A
(19) INDIA	
(22) Date of filing of Application :03/12/2012	(43) Publication Date : 26/09/2014

(54) Title of the invention : SAFETY SYSTEM FOR DEEP WATER DRILLING UNITS USING A DUAL BLOW OUT PREVENTER SYSTEM

(51) International classification	:E21B17/01	(71)Name of Applicant :
(31) Priority Document No	:61/330620	1)MILLHEIM Keith K.
(32) Priority Date	:03/05/2010	Address of Applicant :400 N. Sam Houston Parkway East
(33) Name of priority country	:U.S.A.	Houston TX 77060 U.S.A.
(86) International Application No	:PCT/US2011/035041	(72)Name of Inventor :
Filing Date	:03/05/2011	1)MILLHEIM Keith K.
(87) International Publication No	:WO 2011/140121	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		ł

(57) Abstract :

A dual BOP or multi BOP self standing riser configuration is disclosed including at least a riser or another similarly fixed tubular structure disposed in communication with an associated drilling vessel and a subsurface well. The system supplements the traditional mud line level BOP with one or more additional near surface BOPs which are tensioned using an adjustable buoyancy chamber rather than by means of a vessel born tensioning device.

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

(19) INDIA

(22) Date of filing of Application :03/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:B05B11/00	(71)Name of Applicant :
(31) Priority Document No	:61/343977	1)DISPENSING TECHNOLOGIES B.V.
(32) Priority Date	:05/05/2010	Address of Applicant :Waterbeemd 4A NL 5705 Dn Helmond
(33) Name of priority country	:U.S.A.	Netherlands
(86) International Application No	:PCT/US2011/000805	(72)Name of Inventor :
Filing Date	:05/05/2011	1)MAAS Wilhelmus Johannes Joseph
(87) International Publication No	:WO 2011/139383	2)HURKMANS Petrus Lambertus Wilhelmus
(61) Patent of Addition to Application	:NA	3)HALEVA Aaron S.
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SPRAYER DEVICE WITH AEROSOL FUNCTIONALITY (FLAIROSOL)

(57) Abstract :

In exemplary embodiments of the present invention Flair® based aerosol type devices can be provided. Such devices utilize a combination of Flair® technology pre compression valves and aerosol like pressurization of the dispensed liquid. Such a dispensing device has a main body comprising a pressure chamber the latter being provided with a pressure piston and a pressure spring. The device further has a piston and a piston chamber which draws liquid from a reservoir and fills the pressure chamber with that liquid as a user operates the trigger in various compression and release strokes. The piston chamber has both an inlet valve and an outlet valve. In a dispensing head a valve is provided to regulate the strength of the flow and preclude leakage. Once the liquid is sufficiently pressurized it can be dispensed by a user opening an activation valve such as by pressing on an activation button and spray can be abruptly stopped by a user ceasing to push on such button. Or for example in alternate embodiments without an activation button once the liquid is sufficiently pressurized continuous spray occurs until the pressure chamber is emptied. By repeatedly pumping the trigger before the pressure chamber is fully emptied continuous spray can be achieved. By designing the input volume to be amply greater than the volume of the pressure chamber continuous spray with fewer pumping strokes can be implemented.

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

(19) INDIA

(22) Date of filing of Application :03/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:C12N15/82	(71)Name of Applicant :
(31) Priority Document No	:61/349655	1)ERA BIOTECH S.A.
(32) Priority Date	:28/05/2010	Address of Applicant :Baldiri i Reixach 15 21 E 08028
(33) Name of priority country	:U.S.A.	Barcelona Spain
(86) International Application No	:PCT/EP2011/058864	(72)Name of Inventor :
Filing Date	:30/05/2011	1)MARZÃ BAL LUNA Pablo
(87) International Publication No	:WO 2011/147995	2)LLOP M ^a Inmaculada
(61) Patent of Addition to Application	٠NIA	3)LUDEVID MUGICA MarÃa Dolores
Number		4)LLOMPART ROYO Blanca
Filing Date	.NA	5)MINU Joseph
(62) Divisional to Application Number	:NA	6)TORRENT QUETGLAS Margarita
Filing Date	:NA	7)BASTIDA VIRGILI Miriam
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:PCT/EP2011/058864 :30/05/2011 :WO 2011/147995 :NA :NA :NA	 (72)Name of Inventor : 1)MARZÃ BAL LUNA Pablo 2)LLOP Mª Inmaculada 3)LUDEVID MUGICA MarÃa Dolores 4)LLOMPART ROYO Blanca 5)MINU Joseph 6)TORRENT QUETGLAS Margarita

(54) Title of the invention : PROTEIN BODY INDUCING POLYPEPTIDE SEQUENCES

(57) Abstract :

Polypeptide sequences for inducing recombinant protein bodies are described. The sequences comprise a polyproline II (PPII) structure between two cysteine residues on either end and an ER signal sequence Recombinant protein bodies are useful for protein production because they allow for simple and efficient purification of high quantities of recombinant protein. In addition other methods of using recombinant protein bodies for example in vaccination are also described.

No. of Pages : 185 No. of Claims : 55

(19) INDIA

(22) Date of filing of Application :03/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:A45D40/24	(71)Name of Applicant :
(31) Priority Document No	:201010555477.8	1)CHEN Jianhai
(32) Priority Date	:23/11/2010	Address of Applicant :No.333 zhong qu Rd. mao gang
(33) Name of priority country	:China	Songjiang Shanghai 201607 China
(86) International Application No	:PCT/CN2011/072404	(72)Name of Inventor :
Filing Date	:02/04/2011	1)CHEN Jianhai
(87) International Publication No	:WO 2012/068816	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : MULTI COLOR COSMETIC PACKAGING TIN

(57) Abstract :

A multi color cosmetic packaging tin comprises a base (1) a bottom cover (2) a middle sleeve (3) a screw sleeve (4) a core post (5) and an upper cover (6). The core post (5) is a cylinder consisting of several hollow bodies (54) in which cosmetics are placed. The base (1) is sleeved in the bottom cover (2). The screw sleeve (4) is sleeved in the middle sleeve (3) and a breach (42) on the screw sleeve (4) is opposite to a button (31) on the middle sleeve (3). The middle sleeve (3) provided with the screw sleeve (4) is sleeved on the base (1) and a lower clamping ring (33) of the middle sleeve (3) is clamped with a groove (22) in the bottom cover (2). The core post (5) is sleeved in the base (1) and multiple slide blocks (52) are mounted in respective slide slot (11) in the base (1). The upper cover (6) is installed on the middle sleeve (3) provided with the screw sleeve (4). A groove (61) in the upper cover (6) is clamped with an upper clamping ring (32) of the middle sleeve (3). The multi color cosmetic packaging tin can store different cosmetics in one packaging tin at the same time so that the tin is convenient for customers to choose and use simple in structure and convenient to carry and use.

No. of Pages : 15 No. of Claims : 1

(19) INDIA

(22) Date of filing of Application :05/12/2012

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:2010-257183 :17/11/2010 :Japan :PCT/JP2011/076513 :17/11/2011 : NA	 (71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6-1 Marunouchi 2-chome Chiyoda-ku Tokyo 100-8071 Japan (72)Name of Inventor : 1)TETSUSHI CHIDA 2)MANABU KUBOTA
	1	
Filing Date		
(87) International Publication No	: NA	1)TETSUSHI CHIDA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)MANABU KUBOTA 3)TOSHIMI TARUI 4)DAISUKE HIRAKAMI
(62) Divisional to Application Number	:NA	5)MASAYUKI HASHIMURA
Filing Date	:NA	

(54) Title of the invention : STEEL FOR NITRIDING PURPOSES AND NITRIDED MEMBER

(57) Abstract :

The present invention provides a steel for nitriding with a composition including, by mass%: C: 0.10% to 0.20%; Si: 0.01% to 0.7%; Mn: 0.2% to 2.0%; Cr: 0.2% to 2.5%; Al: 0.01% to less than 0.19%; V: over 0.2% to 1.0%; Mo: 0% to 0.54%; N: 0.001% to 0.01%; P limited to not more than 0.05%; S limited to not less than 0.2%; and a balance including Fe and inevitable impurities, the composition satisfying 2 < [V]/[C] < 10, where [V] is an amount of V by mass% and [C] is an amount of C by mass%, in which the steel for nitriding has a microstructure containing bainite of 50% or more in terms of an area percentage.

No. of Pages : 52 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :05/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND DEVICE FOR REGULATING THE TEMPERATURE OF PROCESS GASES FROM PLANTS FOR RAW IRON PRODUCTION FOR USE IN AN EXPANSION TURBINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C21B5/06, :A832/2010 :20/05/2010 :Austria :PCT/EP2011/056105 :18/04/2011 : NA :NA :NA	 (71)Name of Applicant : 1)SIEMENS VAI METALS TECHNOLOGIES GMBH Address of Applicant :Turmstrasse 44 A-4031 Linz Austria (72)Name of Inventor : 1)ROBERT MILLNER 2)KURT WIEDER

(57) Abstract :

A METHOD FOR REGULATING THE TEMPERATURE OF PROCESS GASES (12) FROM PLANTS FOR PIG IRON PRODUCTION FOR USE IN AN EXPANSION TURBINE (34), AT LEAST PART OF THE PROCESS GAS (12) BEING DRY-DEDUSTED BEFORE THE EXPANSION TURBINE (34), CHARACTERIZED IN THAT THE INLET TEMPERATURE OF THE PROCESS GAS (12) AS IT ENTERS THE EXPANSION TURBINE (34) IS SET BY MEASURES BEFORE THE EXPANSION TURBINE SUCH THAT IT DOES NOT FALL BELOW A MINIMUM INLET TEMPERATURE, AT WHICH CONDENSATION OCCURS IN THE EXPANSION TURBINE, AND IN THAT THE PROCESS GAS (12) IS COOLED, SO THAT, AS IT ENTERS A LOW-PRESSURE GAS ACCUMULATOR (13), THE PROCESS GAS LEAVING THE EXPANSION TURBINE DOES NOT GO BELOW A MAXIMUM INLET TEMPERATURE ADMISSIBLE FOR THIS ACCUMULATOR, THE MEASURES BEFORE THE EXPANSION TURBINE COMPRISING:

No. of Pages : 47 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :05/12/2012

(43) Publication Date : 26/09/2014

(0.1)		
(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:10 2010 044 654.8	1)KEIPER GMBH & CO. KG
(32) Priority Date	:02/09/2010	Address of Applicant :Hertelsbrunnenring 2 67657
(33) Name of priority country	:Germany	Kaiserslautern Germany
(86) International Application No	:PCT/EP2011/003857	(72)Name of Inventor :
Filing Date	:01/08/2011	1)WOLFGANG PLUTA
(87) International Publication No	: NA	2)THOMAS BINGERT
(61) Patent of Addition to Application	:NA	3)THOMAS CHRISTOFFEL
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alextrest		

(54) Title of the invention : VEHICLE SEAT

(57) Abstract :

A vehicle seat which may be moved from a starting position into a laterally offset end position and back 5 again, wherein the vehicle seat is oriented.in the same direction both in the starting position and in the end position, comprising a first upper rail (16) which is movably guided in a first lower rail (10), a second upper rail (18) which is movably guided in a second 10 lower rail (12), and a seat cushion (44) which is movably mounted on the at least one upper rail (16, 18), characterized in that the lateral movement of the seat cushion (44) relative 15 to the rails (10, 12, 16, 18) is accomplished by carrying out a predetermined forward and then rearward movement of the first upper rail (16) relative to the second upper rail (18) or a predetermined rearward and then forward movement of the first upper rail (16) 20 relative to the second upper rail (18) or a predetermined forward movement of the first upper rail relative to the second upper rail (16) relative to the second upper rail (18) or a predetermined forward movement of the first upper rail relative to the second upper rail (16) relative to the second upper rail (18) or a predetermined forward movement of the first upper rail relative to the second upper rail (18) or a predetermined forward movement of the first upper rail relative to the second upper rail (18) or a predetermined forward movement of the first upper rail (18).

No. of Pages : 39 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :05/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:C02F1/46	(71)Name of Applicant :
(31) Priority Document No	:2010124879	1)MORINAGA MILK INDUSTRY CO. LTD.
(32) Priority Date	:31/05/2010	Address of Applicant :33 1 Shiba 5 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088384 Japan
(86) International Application No	:PCT/JP2011/061641	(72)Name of Inventor :
Filing Date	:20/05/2011	1)MATSUYAMA Koki
(87) International Publication No	:WO 2011/152228	2)MIDORIKAWA Tatsuya
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ale stars at a		l

(54) Title of the invention : ELECTROLYZED WATER PRODUCTION APPARATUS

(57) Abstract :

An electrolyzed water production apparatus (1A) comprising a casing (20) an electrolysis vessel (4) which is placed in the casing (20) and can electrolyze an aqueous raw material an aqueous raw material pumping pump (10) which can pump the aqueous raw material to the electrolysis vessel (4) and a dilution means (26) which can dilute an electrolyzed solution that has been introduced from the electrolysis vessel (4) with dilution water wherein the electrolysis vessel (4) and the aqueous raw material pumping pump (10) can be attached in an integrated manner and a bracket (30) which can be fixed in the casing (20) removably while being attached with the electrolysis vessel (4) and the aqueous raw material pumping pump (10).

No. of Pages : 36 No. of Claims : 8

(21) Application No.10590/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:C02F1/46	(71)Name of Applicant :
(31) Priority Document No	:2010124880	1)MORINAGA MILK INDUSTRY CO. LTD.
(32) Priority Date	:31/05/2010	Address of Applicant :33 1 Shiba 5 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088384 Japan
(86) International Application No	:PCT/JP2011/061746	(72)Name of Inventor :
Filing Date	:23/05/2011	1)MATSUYAMA Koki
(87) International Publication No	:WO 2011/152237	2)MIDORIKAWA Tatsuya
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alexandra		l

(54) Title of the invention : ELECTROLYZED WATER PRODUCTION DEVICE

(57) Abstract :

Disclosed is an electrolyzed water production device (1) which produces an electrolysis treatment solution by supplying raw material water to an electrolytic bath (4) and by subjecting said raw material water to electrolyte treatment and which produces electrolyzed water by diluting the aforementioned electrolysis treatment solution. The electrolyzed water production device (1) is provided with a casing (20) which houses the electrolytic bath (4) and with a bracket (3) which is affixed to the casing (20) in a detachable manner wherein the bracket (30) is provided with a pair of attachment units which is attached to both ends of the electrolytic bath (4). The distance between the pair of attachment units can be adjusted in accordance with the length of the electrolytic bath (4).

No. of Pages : 53 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :05/12/2012

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07C :61/347,774 :24/05/2010 :U.S.A. :PCT/US2011/037821 :24/05/2011 : NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)SILURIA TECHNOLOGIES INC. Address of Applicant :409 Illinois St. Suite 5032 San Francisco California 94158 United States of America (72)Name of Inventor : 1)SCHER Erik C. 2)ZURCHER Fabio R. 3)CIZERON Joel M. 4)SCHAMMEL Wayne P. 5)TKACHENKO Alex 6)GAMORAS Joel 7)KARSHTEDT Dmitry 8)NYCE Greg
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(54) Title of the invention : NANOWIRE CATALYSTS

(57) Abstract :

Nanowires useful as heterogeneous catalysts are provided. The nanowire catalysts are useful in a variety of catalytic reactions for example the oxidative coupling of methane to ethylene. Related methods for use and manufacture of the same are also disclosed. More specifically a catalyst comprising an inorganic catalytic polycrystalline nanowire the nanowire having a ratio of effective length to actual length of less than one and an aspect ratio of greater than ten as measured by TEM in bright field mode at 5 keV wherein the nanowire comprises one or more elements from any of Groups 1 trough 7 lanthanides actinides or combinations thereof. The preparation of these polycrystalline nanowires involves the use of biological

No. of Pages : 238 No. of Claims : 110

(19) INDIA

(22) Date of filing of Application :05/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : HYDRAULIC SOLENOID VALVE FOR AN AUTOMATIC TRANSMISSION 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 Filing Date 	:B68F :10-2010-0049236 :26/05/2010 :Republic of Korea :PCT/KR2011/003846 :25/05/2011 : NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)KEFICO CORPORATION Address of Applicant :410 Dangjeong-dong Gunpo-si Gyeonggi-do 435-716 Republic of Korea (72)Name of Inventor : 1)CHEONG Ki-Seok 2)LEE Myoung-Gil 3)KANG Hun-Cheol 4)KIM Ho-Yeon
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(57) Abstract :

The present invention relates to a hydraulic solenoid valve for an automatic transmission of a vehicle which moves an armature member and a spool member in the upward and downward directions by means of magnetic force so as to open/shut an inlet port and an outlet port. A first bushing member and a second bushing member installed in a hollow portion of a movement guide member which guides the movement of the armature member are coaxially arranged. An air gap is formed between an outer surface of the armature member to thereby reduce mechanical processing errors or assembly errors during manufacture or assembly and improve hydraulic performance and transmission performance.

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

(19) INDIA

(22) Date of filing of Application :05/12/2012

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:01/07/2011 : NA :NA :NA	 (71)Name of Applicant : 1)TOYO SUISAN KAISHA LTD. Address of Applicant :13-40 Konan 2-chome Minato-ku Tokyo 108-8501 Japan (72)Name of Inventor : 1)KANAYAMA Junya 2)SUGIYAMA Hisashi 3)YAMAKOSHI Masafumi 4)OGURA Taku
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : DRIED NOODLE AND PROCESS FOR PRODUCING THE SAME

(57) Abstract :

Provided is a dried noodle having a porosity in the cross-sectional area of the noodle of from 0.1 to 15% a unit porosity in the cross-sectional area of the noodle of from 0.01 to 1% a gelatinization degree of 30 to 75% and a porous structure.

No. of Pages : 61 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :05/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:12/972,470	1)KREGER Kevin
(32) Priority Date	:18/12/2010	Address of Applicant :1130 N. Van Buren Street #1
(33) Name of priority country	:U.S.A.	Milwaukee WI 53202 UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2011/065254	2)NAGARSEKAR Gajanan
Filing Date	:15/12/2011	(72)Name of Inventor :
(87) International Publication No	: NA	1)KREGER Kevin
(61) Patent of Addition to Application	.NT A	2)NAGARSEKAR Gajanan
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alexandria		

(54) Title of the invention : BIOSENSOR INTERFACE APPARATUS FOR A MOBILE COMMUNICATION DEVICE

(57) Abstract :

A biosensor interface apparatus (10) that utilizes pre-existing or standard electrical connectors (28) of mobile devices such as smart phones mobile media players and tablets (12). The interface device (10) transforms the input biosensor signals to compatible electrical signals for input to one or more of the mobiles connectors (28). That signals are then conducted via one or more input conductors (26) in the connectors (28) to the mobiles microprocessor (74) which may display or transmit the biosensor signals and derive further measurements from them.

No. of Pages : 53 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : DEVICE FOR MANUFACTURING DRINKING WATER AND METHOD FOR MANUFACTURING DRINKING WATER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application 	n:C02F1/44,B01D61/10,B01D61/12 :2011170844 :04/08/2011 :Japan :PCT/JP2012/069541	1)GREEN ARM CO. LTD. Address of Applicant :2 2 Kanda Ogawa machi Chiyoda ku Tokyo 1010052 Japan (72)Name of Inventor :
No Filing Date (87) International Publication No	:01/08/2012 :WO 2013/018819	1)KANZAKI Yasushi 2)HIROSE Satoru
 (61) Patent of Addition to Application Number Filing Date (2) Divisional to Application 	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

To provide a device and method for manufacturing drinking water that can manufacture drinking water stably with a high yield while extending the life of a reverse osmosis membrane. [Solution] This device i s provided with: a pump that pressur izes tap water; a reverse osmosis membrane that separates the pressurized tap water into waste water containing impurities and per meate water; and a tank for retaining the per meate water. The waste water i s eliminated b y passing through a first flow path and a second flow path which are arranged in parallel. This device i s further provided with a flow rate ad usting unit, and the flow rate adjusting unit has a flow rate adjusting valve that i s provided on the first flow path and controls the flow rate of waste water flowing in that flow path, a flow path opening valve that i s provided on the second flow path and opens and closes that flow path, and a control unit that controls the opening and closing o f the flow path opening valve.

No. of Pages : 28 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : DEVICE FOR SUSPENDING A RAIL IN PARTICULAR A RAIL OF AN OVERHEAD CONVEYOR OR LIFTING GEAR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B66C7/04 :10 2010 037 229.3 :30/08/2010 :Germany :PCT/EP2011/064242 :18/08/2011 :WO 2012/028470 :NA :NA :NA	 (71)Name of Applicant : 1)DEMAG CRANES & COMPONENTS GMBH Address of Applicant :Ruhrstr. 28 58300 Wetter Germany (72)Name of Inventor : 1)BHOSALE Shrikant 2)UTTEKAR Mahesh 3)KHADKE Deepti 4)DESAI Deepak 5)SEAL Akhoy 6)MÃLLER Sven
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(57) Abstract :

The invention relates to a suspending device for a rail (2) in particular a rail of an overhead conveyor or lifting gear (4) with a tensile element (7) which comprises a threaded rod (7b) and at least one connecting part that is screwed to the latter and with a securing element (9a 9b) which secures the screw connection between the threaded rod and the connecting part (7a 7c) against loosening. The aim of the invention is to provide a suspending device for a rail in particular a running rail of a suspended conveyor or lifting gear said rail allowing simplified and secure mounting. This aim is achieved in that the securing element (9a 9b) engages in a groove (11) with a pin part (9c) in the assembled state said groove being disposed in the threaded rod (7b).

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

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : COMPOSITIONS AND METHODS FOR ENHANCING PHYSIOLOGICAL PERFORMANCE AND RECOVERY TIME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A23L2/00 :61/332669 :07/05/2010 :U.S.A. :PCT/US2011/035649 :06/05/2011 :WO 2011/140524 :NA :NA :NA :NA	 (71)Name of Applicant : 1)REVALESIO CORPORATION Address of Applicant :1200 East D Street Tacoma Washington 98421 U.S.A. (72)Name of Inventor : 1)WATSON Richard L. 2)WOOD Anthony B. 3)ARCHAMBEAU Gregory J.
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(57) Abstract :

Provided are methods for enhancing exercise (e.g. intense eccentric elevated temperature repetitive aerobic and high altitude) performance comprising administering electrokinetically altered aqueous fluids comprising an ionic aqueous solution of stably configured charge stabilized oxygen containing nanostructures predominantly having an average diameter of less than 100 nanometers. In certain aspects enhancing exercise performance comprises at least one of: reducing plasma inflammatory cytokines (e.g. IFN alpha ENA 78 and BDNF); ameliorating muscle/tendon damage or enhancing muscle/tendon recovery; reducing biomarkers of exercise induced muscle injury (e.g. CK plasma myoglobin); ameliorating exercise induced

tendinosis tendonitis tenosynovitis avulsion and tendon strain associated with chronic repetitive movement or enhancing recovering therefrom; increasing VO2 max; decreasing RPE; reducing blood lactate; preserving muscle contractile function (e.g. maximal force joint ROM); reducing muscle soreness; ameliorating onset of fatigue in an excercising subject. Improved methods for producing electrokinetically altered aqueous fluids (including sports beverages) are also provided.

No. of Pages : 114 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :05/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : THE N-DOMAIN OF CARCINOEMBRYONIC ANTIGEN AND COMPOSITIONS METHODS AND USES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12P :61/333,587 :11/05/2010 :U.S.A. :PCT/CA2011/000540 :11/05/2011 : NA :NA :NA :NA	 (71)Name of Applicant : 1)GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO Address of Applicant :MaRS Center Heritage Building 101 College Street Suite 320 Toronto Ontario M5G 1L7 Canada. (72)Name of Inventor : 1)ABDUL-WAHID Aws 2)GARIÉPY Jean
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(57) Abstract :

The present disclosure provides immunogenic compositions comprising the N-domain of carcinoembryonic antigen (CEA). These compositions are useful for inducing or enhancing an immune response for inhibiting tumor cell growth and for treating cancer.

No. of Pages : 109 No. of Claims : 30

(22) Date of filing of Application :05/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : BINDING SY	STEMS	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C07C :61/332,866 :10/05/2010 :U.S.A. :PCT/AU2011/000537	 (71)Name of Applicant : 1)BIO-LAYER PTY LTD Address of Applicant :Unit 4 26 Brandl Street Unit 4 Brisbane Technology Park Eight Mile Plains Queensland 4113 Australia
Filing Date (87) International Publication No (61) Patent of Addition to Application	:10/05/2011 : NA :NA	(72)Name of Inventor :1)Nobuyoshi Joe MAEJI2)Liqun YANG
Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	3)Nevin John ABERNETHY 4)Barbara Tengaten FONTANELLE 5)Olya Aaliyah SAVVINA

(57) Abstract :

A method of adapting a synthetic substrate for immobilisation of a target molecule thereon.

No. of Pages : 64 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :05/12/2012

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:C07C :10 2010 016 864.5 :10/05/2010 :Germany :PCT/EP2011/057250 :05/05/2011 : NA :NA	 (71)Name of Applicant : 1)PAPIERFABRIK JULIUS SCHULTE SÃ-HNE GMBH & CO. KG Address of Applicant :Fruchtstrasse 28 40223 Düsseldorf Germany. (72)Name of Inventor : 1)Georg PINGEN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : CORE PAPER

(57) Abstract :

The present invention relates to a core paper comprising fiber material for producing a carrier material that can be laminated and that has at least one proportion of a reconstituted fiber material mixture and a wet sealer as a first additive characterized in that the core paper comprises at least one active substance active on the boundary surface as a second additive for increasing capillarity at a weight proportion of 0.05% to 2% relative to the material. According to the invention advantages of the core paper are the ability to apply up to 100% of a reconstituted fiber material mixture in production and the property of good capillarity of the core paper important for the subsequent impregnation process. Good impregnation properties of the core paper according to the invention are the basic prerequisite for obtaining high wet strength.

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

(19) INDIA

(22) Date of filing of Application :05/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : FIRING FURNACE FOR FIRING ELECTRODE OF SOLAR CELL ELEMENT METHOD FOR MANUFACTURING SOLAR CELL ELEMENT AND SOLAR CELL ELEMENT

(31) Priority Document No:2010-1330841)S(32) Priority Date:10/06/2010A(33) Name of priority country:JapanToky(86) International Application No:PCT/JP2011/062755(72)NFiling Date:03/06/20111)F(87) International Publication No: NA2)T	 ⁽¹⁾Name of Applicant : 1)Shin-Etsu Chemical Co. Ltd. Address of Applicant :6-1 Ohtemachi 2-chome Chiyoda-ku okyo Japan. ⁽²⁾Name of Inventor : 1)Ryo MITTA 2)Takenori WATABE 3)Hiroyuki OTSUKA
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(57) Abstract :

Disclosed is a firing furnace for firing an electrode of a solar cell element which is provided with: a transfer member which transfers a substrate having a conductive paste applied thereto; a heating section which heats the substrate and fires the conductive paste; and a cooling section which cools the heated substrate. The furnace is also provided with a heating means for heating the transfer member. Specifically at the time of firing the electrode paste using the wire-type firing furnace since a wire is fired at a temperature substantially equivalent to the ambient temperature of the heating section deterioration of yield due to having the electrode damaged by a deposited material of the metal component of the conductive paste is suppressed said deposited material being deposited on the wire and the wire-type firing furnace can be continuously used.

No. of Pages : 22 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR THE ARTICULATED ATTACHMENT OF SOLAR REFLECTOR ELEMENTS TO SUPPORTING STRUCTURES

(31) Priority Document No:10(32) Priority Date:31(33) Name of priority country:EP(86) International Application No:PCFiling Date:30	0382156.7 1/05/2010 PO 3 CT/EP2011/058814 0/05/2011 7O 2011/151280 A A A A	 (71)Name of Applicant : 1)RIOGLASS SOLAR S.A. Address of Applicant :PolÃgono Industrial de Sovilla 4 E 33612 Santa Cruz de Mieres Asturias Spain (72)Name of Inventor : 1)UBACH CARTATEGUI Josep 2)GARCÃ A CONDE NORIEGA Ignacio
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(57) Abstract :

The present invention relates to a system for the articulated attachment between a reflector element used in a solar thermal concentration collector and its supporting structure. The system allows the attachment between the reflector mirror and the supporting structure in all its anchoring points without there being stresses of any type due to angular deviations on the reflector. It comprises a main body of attachment (2) intended for being fixed on the face of the reflector element (13) opposite the face of incidence of solar radiation comprising a hole (14) intended for receiving a male fixing element (3) and adaptable joint means which allow the free rotation in space of the attachment between the reflector element (13) and the supporting structure. The adaptable joint means comprise a through hole (15) intended for allowing the passage therethrough of a threaded rod (3) having a first end for fixing in the hole of the main body of attachment (2) and a second end for receiving a nut or threaded female part intended for rigidly fixing the entire reflector element (13) and supporting structure assembly.

No. of Pages : 42 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:12/778212 :12/05/2010 :U.S.A. :PCT/US2011/036107 :11/05/2011 :WO 2011/143336 :NA :NA	 (71)Name of Applicant : 1)DE SOUSA Michelle E. Address of Applicant :16101 Parque Lane Naples FL 34110 U.S.A. 2)DE SOUSA Jose De Jesus (72)Name of Inventor : 1)DE SOUSA Michelle E. 2)DE SOUSA Jose De Jesus
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : GARMENT AND BRASSIERE ACCESSORY

(57) Abstract :

A garment and brassiere accessory that is substantially triangular in shape having attachment straps extending outward from upper corners of the undergarment that may be looped around shoulder straps of a brassiere. In addition a lower corner may be looped around a center portion of the brassiere. An upper band of preferably elastomeric material located along an upper edge of the undergarment keeps the undergarment securely against a woman s chest while being worn. The undergarment is preferably constructed from two layers of material an outer layer and an inner layer so that the outer layer hides any wrinkles or indentations caused by the stress of the lower corner pulling on the inner layer while the undergarment is being worn. Additional features include extension straps that allow a user to adapt the undergarment to a larger chest and/or brassiere size or to wear the undergarment without a brassiere and detachable jewelry.

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

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:F02C3/00,F23N5/00	(71)Name of Applicant :
(31) Priority Document No	:12/796765	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:09/06/2010	Address of Applicant :1 River Road Schenectady NY 12345
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/038941	(72)Name of Inventor :
Filing Date	:02/06/2011	1)XU Guane
(87) International Publication No	:WO 2011/156203	2)WIDMER Neil Colin
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ZONAL MAPPING FOR COMBUSTION OPTIMIZATION

(57) Abstract :

A method of optimizing operation of a furnace to control emission within a system. Each furnace zone inside of the furnace is associated with at least one exhaust zone. A signal indicative of an amount of byproduct exiting the furnace through at least one of the exhaust zones is received from one or more of the sensors. Based on this signal an offending furnace zone is identified from among the plurality of furnace zones the offending furnace zone including an oxygen level contributing to the amount of the byproduct. A relative adjustment of at least one of an amount of oxygen being introduced into the offending furnace zone and an angular orientation of an oxygen injector introducing oxygen into the offending furnace zone relative to a focal region within the furnace can be initiated. The furnace may have structure to perform the method and may be part of a system.

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

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:A01B33/02	(71)Name of Applicant :
(31) Priority Document No	:1054275	1)PUBERT HENRI SAS
(32) Priority Date	:01/06/2010	Address of Applicant :Route de Pouzauges ZI de Pierre Brune
(33) Name of priority country	:France	F 85110 Chantonnay France
(86) International Application No	:PCT/EP2011/059046	(72)Name of Inventor :
Filing Date	:01/06/2011	1)GERBAUD Nicolas
(87) International Publication No	:WO 2011/151376	2)VION Peter
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : IMPLEMENT WITH RETRACTABLE TRANSPORT WHEEL

(57) Abstract :

The invention relates to a mechanized farming implement with a retractable transport wheel comprising a support (1) for attaching an articulated arm (2) intended to bear said transport wheel (4). According to the invention the attachment support (1) comprises at least one oblong slot known as a guide slot (64) designed to accept a guide pin (9) secured to said articulated arm (2) and able to move in said oblong guide slot (64) as said articulated arm (2) is moved from a transport position into a work position and vice versa. By virtue of the invention the articulated arm is easier to manoeuvre because the articulated arm is guided in its pivoting from the transport position into the work position and vice versa making retraction of the transport wheel easier and quicker than in known mechanized farming implements.

No. of Pages : 28 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : FLEXIBLE AND SCALABLE MODULAR CONTROL SYSTEM FOR TRANSPORT **REFRIGERATION UNITS**

(51) International classification (31) Priority Document No	:G05B19/042 :61/373504	(71)Name of Applicant : 1)CARRIER CORPORATION
(32) Priority Date	:13/08/2010	Address of Applicant :1 Carrier Place Farmington CT 06489
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/045734	(72)Name of Inventor :
Filing Date	:28/07/2011	1)DUDLEY Kevin
(87) International Publication No	:WO 2012/021298	2)STODDARD Paul
(61) Patent of Addition to Application	:NA	3)WASER Daniel L.
Number	:NA	4)DESMARAID Breet A.
Filing Date	.11/1	5)HANNON John F.
(62) Divisional to Application Number	:NA	6)CHAMPAGNE Deborah A.
Filing Date	:NA	

(57) Abstract :

A control system (200 300) for a refrigeration unit (100) is disclosed. The control system (200 300) may include a user interface (202 302) an interface bus (214 314) a power control module (204 304) a first module (206 306) and a second module (208 308). The interface bus (214 314) may communicatively couple the user interface (202 302) the power control module the first module (206 306) and the second module (208 308). The user interface (202 302) may be capable of receiving and dispatching information. The power control module (204 304) may be capable of distributing and monitoring power to the control system (200 300). The second module (208 308) may have at least one connector with flexible input (208a 308a) and output (208b 308b) configuration capabilities. The first module (206 306) may have a controller and at least one connector with flexible input (206a 306a) and output (206b 306b) configuration capabilities.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : HANDPIECE WITH INTEGRATED OPTICAL SYSTEM FOR PHOTOTHERMAL RADIOMETRY AND LUMINESCENCE MEASUREMENTS

	GOLTE (0.0	
(51) International classification	:G01J5/08	(71)Name of Applicant :
(31) Priority Document No	:61/334,436	1)QUANTUM DENTAL TECHNOLOGIES INC.
(32) Priority Date	:13/05/2010	Address of Applicant :748 Briar Hill Avenue Toronto
(33) Name of priority country	:U.S.A.	Ontario M6B 1L3 Canada.
(86) International Application No	:PCT/CA2011/050303	(72)Name of Inventor :
Filing Date	:13/05/2011	1)Jin-Seok JEON
(87) International Publication No	: NA	2)Andreas MANDELIS
(61) Patent of Addition to Application	:NA	3)Stephen ABRAMS
Number		4)Anna MATVIENKO
Filing Date	:NA	5)Koneswaran SIVAGURUNATHAN
(62) Divisional to Application Number	:NA	6)Josh SILVERTOWN
Filing Date	:NA	7)Adam HELLEN

(57) Abstract :

An apparatus is provided for performing photothermal measurements on a object. The apparatus which may be provided as a handpiece houses optical components including a laser an infrared detector a dichroic beamsplitter and focusing and beam directing optics for the delivery of a laser beam to and the collection of photothermal radiation from a measured object. Some of the optical components may be provided on an optical bench that is directly attached to a thermally conductive tip portion for the passive heat sinking of internal optical components. The apparatus may further include a sampling optical element and a photodetector for the detection of luminescence and a camera for obtaining an image of the object during a diagnostic procedure. The apparatus may be employed for the scanning of a tooth to determine an oral health status of the tooth.

No. of Pages : 43 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:C03B29/08	(71)Name of Applicant :
(31) Priority Document No	:12/780,285	1)GLASSTECH INC.
(32) Priority Date	:14/05/2010	Address of Applicant :995 Fourth Street Ampoint Industrial
(33) Name of priority country	:U.S.A.	Park Perrysburg Ohio 43551 United States of America
(86) International Application No	:PCT/US2011/033152	(72)Name of Inventor :
Filing Date	:20/04/2011	1)Troy R. LEWANDOWSKI
(87) International Publication No	: NA	2)James P. SCHNABEL JR.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract		

(54) Title of the invention : METHOD AND APPARATUS FOR HEATING GLASS SHEETS

(57) Abstract :

A method for heating glass sheets includes alternately loading on a conveyor system two different sets of glass sheets with the glass sheets of each set having different properties than those of the other set so as to require different heating than each other; conveying the alternately loaded sets of glass sheets on the conveyor system along a plane of conveyance through a heating chamber having a heating system; and controlling operation of the heating system to provide two different sets of heating zones alternating along the direction of conveyance and respectively moving with the two sets of glass sheets so as to provide heating in the heating chamber of each set of glass sheets as required and in a different way than the heating of the other set of glass sheets.

No. of Pages : 30 No. of Claims : 22

(21) Application No.10634/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:A23L	(71)Name of Applicant :
(31) Priority Document No	:61/334,766	1)ARCHER DANIELS MIDLAND COMPANY
(32) Priority Date	:14/05/2010	Address of Applicant :4666 Faries Parkway Decatur IL
(33) Name of priority country	:U.S.A.	62526 United States of America
(86) International Application No	:PCT/US2011/036448	(72)Name of Inventor :
Filing Date	:13/05/2011	1)Shireen BASEETH
(87) International Publication No	: NA	2)Bruce SEBREE
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		L

(54) Title of the invention : FOOD COMPOSITIONS COMPRISING ORGANOGELS

(57) Abstract :

The present invention is directed towards organogel compositions. Processes for producing such organogel compositions are further disclosed. The present invention is also directed towards uses of the novel organogel compositions in foods beverages nutraceuticals pharmaceuticals pet food or animal feed.

No. of Pages : 34 No. of Claims : 40

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:12/829,338	1)FACEBOOK INC.
(32) Priority Date	:01/07/2010	Address of Applicant :1601 S. California Avenue Palo Alto
(33) Name of priority country	:U.S.A.	CA 94304 U.S.A.
(86) International Application No	:PCT/US2011/042487	(72)Name of Inventor :
Filing Date	:30/06/2011	1)AHRENS Spencer Greg
(87) International Publication No	: NA	2)MARLOW Cameron Alexander
(61) Patent of Addition to Application	:NA	3)BACKSTROM Lars Seren
Number		4)MISHRA Chaitanya
Filing Date	:NA	,
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(54) Title of the invention : FACILITATING INTERACTION AMONG USERS OF A SOCIAL NETWORK

(57) Abstract :

In one embodiment a method includes receiving a first user action relating to a first topic from a first user identifying the first topic based on the first user action identifying one or more second posts that relate to the first topic and transmitting to the first user one or more of the second posts or information associated with the second posts in a structured document for display to the first user the structured document further comprising one or more interactive elements that enable the first user to interact with the one or more second posts or to respective second users that declared the second posts.

No. of Pages : 45 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : DRUG DELI	VERY DEVICE	
(51) International classification	:A61M31/00,	(71)Name of Applicant :
(31) Priority Document No	:61/352,201	1)AMGEN INC.
(32) Priority Date	:07/06/2010	Address of Applicant :One Amgen Center Drive Patent
(33) Name of priority country	:U.S.A.	Operations M/S 28-2-C Thousand Oaks CA 91320-1799 U.S.A
(86) International Application No	:PCT/US2011/039444	(72)Name of Inventor :
Filing Date	:07/06/2011	1)HOLT Mark Dominis
(87) International Publication No	: NA	2)CAIRNS Alexander Stuart
(61) Patent of Addition to Application Number	:NA :NA	3)ROMACKER Mathias
Filing Date	.11/A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A drug delivery device includes a housing having an interior space a needle having retracted and deployed states an injector to move the needle between retracted and deployed states and a reservoir disposed within the interior space the reservoir configured to receive a volume of a drug and to be in fluid communication with the needle. The drug delivery device also includes a controller coupled to the injector and the reservoir and configured to actuate the injector to move the needle from the retracted state to the deployed state only once and to actuate the reservoir to deliver the volume of the drug to the patient as a single bolus after a preselected time period has elapsed the controller disposed within the interior space and configured prior to being disposed within the interior space. The delivery device is wearable disposable and single-use.

No. of Pages : 36 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : REDUCING IDLE MODE POWER CONSUMPTION FOR MONITORING NEIGHBORING BASE **STATIONS**

(51) International classification	:H01J	(71)Name of Applicant :
(31) Priority Document No	:61/345,555	1)QUALCOMM INCORPORATED
(32) Priority Date	:17/05/2010	Address of Applicant : Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714
(86) International Application No	:PCT/US2011/036749	U.S.A.
Filing Date	:17/05/2011	(72)Name of Inventor :
(87) International Publication No	: NA	1)JAFAR MOHSENI
(61) Patent of Addition to Application	:NA	2)PHILIP J. CHILDREN
Number		3)NIGEL PHILLIP ROBINSON
Filing Date	:NA	4)NICHOLAS J. TEBBIT
(62) Divisional to Application Number	:NA	5)CHRISTOPHER J. SMITH
Filing Date	:NA	6)HELENA DEIRDRE O™SHEA

(57) Abstract :

A method for reducing idle mode power consumption is disclosed. An idle mode is entered. A neighboring base station is selected. If the selected neighboring base station is assigned a high-frequency monitoring mode, a signal strength of the neighboring base station is measured. A low-frequency monitoring mode is assigned to the selected neighboring base station if the signal strength of the selected neighboring base station has been below a power threshold for longer than a time threshold. Other aspects, embodiments, and features are also claimed and described.

No. of Pages : 44 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : IMAGE PROCESSING DEVICE IMAGE PROCESSING METHOD AND PROGRAM

(57) Abstract :

The present invention provides an apparatus and a method to perform an interpolation process of a color mosaic image generated through an imaging process by a 5 single-plate color imaging element. The color mosaic image generated through the imaging process by the single-plate color imaging element is input, estimation is performed for a pixel value low frequency component and a noise high frequency component corresponding to a 10 pixel interpolation position, and calculation for a pixel value at the pixel interpolation position is performed by applying an addition result thereof. An edge-adaptive interpolation processing unit calculates a pixel value at the pixel interpolation position by using a pixel value 15 of a reference pixel located in an edge direction. A blend processing unit calculates a final interpolation pixel value by blending the edge-adaptive interpolation pixel value and the addition result of the pixel value low frequency component and the noise high frequency 20 component corresponding to the pixel interpolation position in accordance with flatness at the pixel interpolation position. 68

No. of Pages : 89 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :05/12/2012

(43) Publication Date : 26/09/2014

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A47J31/00, :PCT/IB2010/001300 :31/05/2010 :PCT	Address of Applicant :Via per Caronno 23/25 I-21040 Origgio (VA) Italy
(86) International Application No	:PCT/IB2011/001190 :31/05/2011	(72)Name of Inventor : 1)DOGLIONI MAJER Luca
Filing Date (87) International Publication No	: NA	1)DOGLIONI MAJEK Luca
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DEVICE AND METHOD FOR PREPARATION OF BEVERAGES WITH DIFFERING TASTES

(57) Abstract :

A beverage dispensing machine (1) comprises a first hydraulic circuit (4) including a water source (3) a pump (4) a water heating means (5) a brewing means (2) selected from a brewing chamber and a capsule the brewing means having inlet and outlet means beverage collecting means (6) for collecting brewed beverage leaving said brewing means and for dispensing said beverage to a container further comprises a second hydraulic circuit (C2) that includes a second pump (Abis) and second water heating means (5bis) the outlet of said water heating means being connected to said first circuit at a location that is downstream to the said brewing means with respect to the water flow in said first circuit. The first circuit comprises means to maintain in the brewing means a pressure substantially constant for a pre-set time the pressure being less that the opening pressure for the brewing means.

No. of Pages : 28 No. of Claims : 22

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:201010224884.0	1)JIANGSU HENGRUI MEDICINE CO. LTD.
(32) Priority Date	:25/06/2010	Address of Applicant :No.7 Kunlunshan Road Economic and
(33) Name of priority country	:China	Technological Development Zone Lianyungang Jiangsu 222047
(86) International Application No	:PCT/CN2011/075131	China
Filing Date	:02/06/2011	(72)Name of Inventor :
(87) International Publication No	: NA	1)WU Yuxia
(61) Patent of Addition to Application	:NA	2)MAO Shujun
Number		3)CHEN Hao
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		ł

(54) Title of the invention : TOLVAPTAN SOLID DISPERSION AND ITS PREPARATION METHOD

(57) Abstract :

A tolvaptan solid dispersion and its preparation method are disclosed. The solid dispersion comprises tolvaptan and crosslinked polyvinylprrolidone at a weight ratio of 1:0.05-20 preferably 1:0.1-10 more preferably 2:1. The solid dispersion can also comprise water-soluble polymer such as polyvinylprrolidone hydroxypropylcellulose hydroxyethylcellulose or methylcellulose. The weight ratio of tolvaptan : crosslinked polyvinylprrolidone : water-soluble polymers preferably is 2:1:0.1. The solid dispersion exhibits good thermodynamic stability and solubility. The pharmaceutical composition thereof has improved release rate and bioavailability.

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

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : TREPROSTIN	NIL PRODUCTION	
(51) International classification(31) Priority Document No(32) Priority Date	:C07C :61/351,115 :03/06/2010	 (71)Name of Applicant : 1)UNITED THERAPEUTICS CORPORATION Address of Applicant :1040 Spring Street Silver Spring
(33) Name of priority country(86) International Application No Filing Date	:U.S.A. :PCT/US2011/038946 :02/06/2011	Maryland 20910 United States of America (72)Name of Inventor : 1)BATRA Hitesh
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	: NA :NA :NA	2)PENMASTA Raju 3)SHARMA Vijay 4)TULADHAR Sudersan M. 5)WALSH David A.
(62) Divisional to Application Number Filing Date	:NA :NA	SJWALSH DAVIU A.

(57) Abstract :

A method is disclosed for preparing a synthetic intermediate for treprostinil via a stereoselective alkyne addition reaction using a chiral inducing agent. Also described are methods of preparing treprostinil or a pharmaceutically acceptable salt thereof comprising the alkyne addition reaction as well as novel intermediates useful for synthesis prostacyclin derivatives. A functional alcohol protecting group protects the alcohol group from participating in reactions that are occurring in other parts of the molecule. The intermediate is later deprotected prior to conversion and hydrolyzing to obtain the final treprostinil product.

No. of Pages : 77 No. of Claims : 43

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:B32B	(71)Name of Applicant :
(31) Priority Document No	:2010-136829	1)NITTO DENKO CORPORATION
(32) Priority Date	:16/06/2010	Address of Applicant :1-2 Shimohozumi 1-chome Ibaraki-
(33) Name of priority country	:Japan	shi Osaka 5678680 Japan
(86) International Application No	:PCT/JP2011/001700	(72)Name of Inventor :
Filing Date	:23/03/2011	1)FURUYAMA Satoru
(87) International Publication No	: NA	2)SAKUMA Satoshi
(61) Patent of Addition to Application	:NA	3)NAGAI Yozo
Number		4)MORIYAMA Junichi
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : WATERPROOF AIR-PERMEABLE FILTER AND USES THEREOF

(57) Abstract :

The waterproof air-permeable filter (1) is provided with a resin film (2) wherein a plurality of through holes (21) are formed a hydrophobic and oil-repellent treatment layer (3) on at least one of the two surfaces of the resin film (2) in the thickness direction that is formed with openings (31) at positions corresponding to the through holes (21) and a circular double-sided tape (4) that is applied on the perimeter of at least one of the two surfaces of the resin film (2) in the thickness direction sandwiching the treatment layer (3) therebetween.

No. of Pages : 17 No. of Claims : 11

(21) Application No.10644/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:B07B	(71)Name of Applicant :
(31) Priority Document No	:61/373,507	1)CARRIER CORPORATION
(32) Priority Date	:13/08/2010	Address of Applicant :1 Carrier Place Farmington CT 06489
(33) Name of priority country	:U.S.A.	UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2011/047388	(72)Name of Inventor :
Filing Date	:11/08/2011	1)FRAGNITO Mark
(87) International Publication No	: NA	2)WARD John D.
(61) Patent of Addition to Application	:NA	3)WASER Daniel L.
Number	:NA	4)CHAMPAGNE Deborah A.
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ale stars at a		I

(54) Title of the invention : TRANSPORT REFRIGERATION SECURITY SYSTEM

(57) Abstract :

A security monitor system (10) for a transport unit is provided. The security monitor system (10) may include at least one security sensor (12) configured to detect a fault condition and a controller (14) having a plurality of inputs (22) a plurality of outputs (24) and a low power control circuit (18). The low power control circuit may provide electrical communication between a battery (20) of the transport unit the security sensor (12) and at least one of the inputs (22) of the controller (14). The control circuit (18) may be configured to maintain the controller (14) in low power mode when there are no detected fault conditions and to enable power to the controller (14) when there is a detected fault condition.

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

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

:B23P	(71)Name of Applicant :
:2010-146523	1)SEI OPTIFRONTIER CO. LTD.
:28/06/2010	Address of Applicant :1 Taya-cho Sakae-ku Yokohama-sh
:Japan	Kanagawa 244-8589 Japan
:PCT/JP2011/064217	2)SUMITOMO ELECTRIC INDUSTRIES LTD.
:22/06/2011	(72)Name of Inventor :
: NA	1)HASEGAWA Masahiro
•NI A	2)HOMMA Toshihiko
.INA	
:NA	
:NA	
	:2010-146523 :28/06/2010 :Japan :PCT/JP2011/064217 :22/06/2011 : NA :NA :NA :NA

(54) Title of the invention : FIBER CLEAVER

(57) Abstract :

A fiber cleaver is provided in which a circular blade can be efficiently used without increasing the workload imposed on the worker. The fiber cleaver includes a main body supporting a slider such that the slider is movable in the front-back direction. A disc-shaped circular blade configured to make a flaw in an optical fiber is rotatably provided to the slider. A columnar protrusion stands on a base of the main body. An engaging member engaging with a gear that rotates together with the circular blade is provided at the upper end of the columnar protrusion. The columnar protrusion is connected to an engaging member which engages with the slider with a spring interposed therebetween. The base has first to third recessed portions each anchoring the engaging member...

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

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : BOTH-SIDE FRICTION STIR WELDING METHOD FOR METAL PLATES HAVING GAP IN **BUTTING PORTION**

(51) International classification	:H01J	(71)Name of Applicant :
	:NA	1)MITSUBISHI-HITACHI METALS MACHINERY INC.
(31) Priority Document No		
(32) Priority Date	:NA	Address of Applicant :34-6 Shiba 5-chome Minato-ku Tokyo
(33) Name of priority country	:NA	108-0014 Japan
(86) International Application No	:PCT/JP2010/065152	(72)Name of Inventor :
Filing Date	:03/09/2010	1)KAGA Shinichi
(87) International Publication No	: NA	2)ONOSE Mitsuru
(61) Patent of Addition to Application	:NA	3)TOMINAGA Noriaki
Number	:NA	4)SAITO Takehiko
Filing Date	INA	5)YOSHIMURA Yasutsugu
(62) Divisional to Application Number	:NA	6)HIRANO Satoshi
Filing Date	:NA	7)PARK Seung Hwan

(57) Abstract :

In both-side friction stir welding the joint strength is enhanced by reducing joint defects the economy is improved by suppressing the increase in the equipment cost and high production efficiency is achieved even when a gap existing in the butting portion of two metal plates exceeds 0.5 mm. First and second rotary tools 3 and 4 include tool bodies 3a and 4a having shoulder portions 3c and 4c formed at their end portions respectively. The first rotary tool 3 further includes a protruding portion 3d formed to protrude from the end portion of the tool body. The second rotary tool 4 further includes a recessed portion 4d formed at the end portion of the tool body for receiving the end of the protruding portion 3d therein when two metal plates 1 and 2 are to be welded together....

No. of Pages : 104 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:F25B43/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WHIRLPOOL S.A.
(32) Priority Date	:NA	Address of Applicant : Avenida das Nações Unidas 12.995
(33) Name of priority country	:NA	32° andar Brooklin Novo 04578 000 São Paulo SP Brazil
(86) International Application No	:PCT/BR2010/000179	2)EMERSON CLIMATE TECHNOLOGIES INC
Filing Date	:24/05/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/147005	1)SILVEIRA Marcio
(61) Patent of Addition to Application	:NA	2)PIROVANO Moacir
Number	:NA	3)KNIES Cleber
Filing Date	.INA	4)BERGMAN Ernest Roger
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : SUCTION ARRANGEMENT FOR A REFRIGERATION COMPRESSOR

(57) Abstract :

A refrigeration compressor is provided and may include a shell (10) carrying a suction inlet tube (15) having an outlet nozzle (15a) opened to the interior of the shell (10) and a cylinder block (11) to which is mounted a suction muffler (20) that incorporates an admission tube (21) provided with an inlet nozzle (22). The inlet nozzle (22) of the admission tube (21) may be disposed adjacent to the outlet nozzle (15a) of the suction inlet tube (15). The inlet nozzle (22) may admit under at least one of the conditions of underpressure in its interior or deflection of the refrigerant fluid flow in the interior of the shell (10) the gaseous phase and may direct the liquid phase to a region of the shell (10) external to the inlet nozzle (22).

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

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : RESECTOR	BALLOON SYSTEM	
 (54) The of the invention : RESECTOR (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61M25/10 :NA :NA :NA	 (71)Name of Applicant : SANOVAS INC Address of Applicant :30 Liberty Ship Way Suite 3320 Sausalito CA 94965 U.S.A. (72)Name of Inventor : GUNDAY Erhan H. GERRANS Lawrence J.

(57) Abstract :

A resector balloon system is disclosed generally comprising a catheter with at least one balloon having an outer wall with a resecting non slip surface for resecting unwanted biological material such as tissues or tumors and a pump that supplies fluid thereto in pulsed fashion to repeatedly deflate and inflate said balloon. In certain embodiments the pump includes a processor that controls the pulsed supply of fluid based on an established frequency or change in volume. In some embodiments the system includes a keyed connector with which the pump identifies the balloon type and in some cases the system calculates intra lumen diameters and densities. In some embodiments the balloon portion of the catheter includes multiple balloon segments which in some cases are inflatable separately from one another.

No. of Pages : 77 No. of Claims : 38

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : NOVEL METAL - CONTAINING ZEOLITE BETA FOR NOX REDUCTION AND METHODS OF 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 	:C22C :61/347,210 :21/05/2010 :U.S.A. :PCT/US2011/036997 :18/05/2011 : NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)PQ CORPORATION Address of Applicant :P.O. Box 840 Valley Forge PA 19482- (840 UNITED STATES OF AMERICA (72)Name of Inventor : 1)LI Hong-xin 2)CORMIER William E. 3)MODEN Bjorn
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(57) Abstract :

There is disclosed an organic-free metal-containing zeolite Beta with a silica-to-alumina ratio (SAR) ranging from 5 and 20 and a metal content of at least 0.5 wt.%. There is also disclosed a method of making such a zeolite Beta without organic structure directing agent (SDA). The metal which may comprise Fe or Cu can be found in amounts ranging from 1-10 wt.%. A method of selective catalytic reduction of nitrogen oxides in exhaust gases using the disclosed zeolite is also disclosed.

No. of Pages : 34 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:F02D41/38	(71)Name of Applicant :
(31) Priority Document No	:102010029840.9	1)ROBERT BOSCH GMBH
(32) Priority Date	:09/06/2010	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/058046	(72)Name of Inventor :
Filing Date	:18/05/2011	1)MUENNICH Christian Alexander
(87) International Publication No	:WO 2011/154229	2)WOKOECK Till
(61) Patent of Addition to Application	:NA	3)HILLENBRAND Tobias
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE

(57) Abstract :

A method for operating an internal combustion engine in particular for avoiding undesired pressure deviations is described. A setpoint value (108) of a pressure is determined as a function of a driver s request. An actual value (1 10) of the pressure is compared with the setpoint value (108) of the pressure. An actuation signal (106) which results therefrom is fed to a controlled section (44). The actual value (1 10) of the pressure is determined from the controlled section (44). A change in the driver s request is detected. A pressure correction value (104) is determined as a consequence of the change in the driver s request. The actuation signal (108) is changed as a function of the pressure correction value (104).

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

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR VARIATION OF THE PITCH ANGLE POSITION OF ROTOR BLADES OF A WIND ENERGY INSTALLATION

(51) International classification	:F03D7/04,G05B9/03	(71)Name of Applicant :
(31) Priority Document No	:10 2010 023 053.7	1)ROBERT BOSCH GMBH
(32) Priority Date	:08/06/2010	Address of Applicant :70469 Stuttgart Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/002519	1)VATH Andreas
Filing Date	:20/05/2011	2)REDELBERGER Anna
(87) International Publication No	:WO 2011/154091	3)MUSTAFI Alen
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract :

The invention relates to a system (200) for variation of the pitch angle position of rotor blades (1) of a wind energy installation with drive units (2 21 22) which are in each case individually associated with the rotor blades (1) and closed loop control devices (31 32) which are in each case individually associated with the drive units (2 21 22) in which system control connections (331 332 340) which can be switched by switching means (S) are provided via which control connections in the event of a failure or a malfunction of at least one closed loop control device (31 32) a drive unit (2 21 22) which is associated with this closed loop control device (31 32) can be operated in parallel with and at the same time as another drive unit (2 21 22) by means of a closed loop control device (31 32) which is associated with the other drive unit (2 21 22).

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

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:C07D215/56	(71)Name of Applicant :
(31) Priority Document No	:10169162.4	1)ACTIVE BIOTECH AB
(32) Priority Date	:09/07/2010	Address of Applicant :Box 724 S 22007 Lund Sweden
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/061490	1)BOCK Lillemor Maria
Filing Date	:07/07/2011	2)HOLMBERG PÃr Henning
(87) International Publication No	:WO 2012/004338	3)JANSSON Karl Erik
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METHOD FOR MANUFACTURING OF QUINOLINE 3 CARBOXAMIDES

(57) Abstract :

A method for preparing a compound of formula (I) by reacting the appropriate alkyl ester and an aniline derivative in a refluxing mixture containing an aliphatic solvent or a mixture of aliphatic solvents having a boiling point in the range of 68 191 °C; condensing vapors of the refluxing mixture; treating the condensed vapors with an alcohol scavenging agent or a mixture of alcohol scavenging agents; and returning the condensed vapors back to the reaction mixture.

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

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : CLEAR LEAVE ON HAIR CARE COMPOSITION COMPRISING AMINOSILICONE AND ITS SOLVENT

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(51) International classification	:A61Q5/12	(71)Name of Applicant :
(31) Priority Document No	:61/357185	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:22/06/2010	Address of Applicant :One Procter & Gamble Plaza Cincinnati
(33) Name of priority country	:U.S.A.	Ohio 45202 U.S.A.
(86) International Application No	:PCT/US2011/041210	(72)Name of Inventor :
Filing Date	:21/06/2011	1)UEHARA (MATSUOKA) Nobuaki
(87) International Publication No	:WO 2011/163199	2)HASEGAWA Jun
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

Disclosed is a hair care composition comprising: a specific aminosilicone; a solvent for the aminosilicone; wherein the composition is for leave on use; and wherein the composition has a turbidity of 2.0NTU or less. The compositions of the present invention provide improved dry conditioning benefits such as reduced friction.

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

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

		1
(51) International classification	:A23B7/10,A23B7/14	(71)Name of Applicant :
(31) Priority Document No	:12/826731	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:30/06/2010	Address of Applicant :One Procter & Gamble Plaza Cincinnati
(33) Name of priority country	:U.S.A.	Ohio 45202 U.S.A.
(86) International Application No	:PCT/US2011/042474	(72)Name of Inventor :
Filing Date	:30/06/2011	1)EKANAYAKE Athula
(87) International Publication No	:WO 2012/003244	2)KESTER Jeffrey John
(61) Patent of Addition to Application	NT A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : ACIDIFICATION AND PRESERVATION OF FOOD PRODUCTS

(57) Abstract :

A process for acidifying and preserving a food product. The process can include providing a food product having an initial pH acidifying the food product to a final pH to produce an acidified food product treating the acidified food product with a preservative composition comprising a moisture sensitive isothiocyanate compound wherein the acidifying and treating produce an acidified and preserved food product.

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

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : ACIDIFICATION OF FOOD PRODUCTS		
 (54) Title of the invention : ACIDIFICA (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 		 (71)Name of Applicant : (71)Name of Applicant : (71)THE PROCTER & GAMBLE COMPANY Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. (72)Name of Inventor : (72)Name of Inventor : (72)KESTER Jeffrey John
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A process for acidifying a food product. The process can include providing a food product having an initial pH adding a first acid to the food product so as to adjust the initial pH of the food product to an intermediate pH of the food product adding a second acid to the food product so as to adjust the intermediate pH of the food product to a final pH of the food product wherein an acidified food product having the final p is produced.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : SOLUBLE UNIT DOSE ARTICLES COMPRISING A CATIONIC POLYMER

(32) Priority Date:24/06/2010Addr(33) Name of priority country:EPOOhio 452(86) International Application:PCT/US2011/041544(72)NamNo:23/06/20111)LABFiling Date2)VAN	me of Applicant : E PROCTER & GAMBLE COMPANY dress of Applicant :One Procter & Gamble Plaza Cincinnati 5202 U.S.A. me of Inventor : BEQUE Regine IN GINDEREN Peter Jos Emma NNEWEIN Marc
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(57) Abstract :

The need for a stable quick dissolving unit dose article delivering good fabric care benefit is met by combining a cationic polymer with a fatty acid or salt in a non aqueous composition that is comprised within a water soluble or dispersible film. By combining the cationic polymer with he fatty acid the cationic polymer is prevented from reducing the solubility of the encapsulating film.

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

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : DISTRIBUTED AVIONICS (51) International classification :H04L29/08,G06F19/00,G06F9/48 (71)Name of Applicant : (31) Priority Document No 1)SAAB AB :NA Address of Applicant :S 581 88 LinkÃping Sweden (32) Priority Date :NA (33) Name of priority country (72)Name of Inventor: :NA **1)DANIELSSON Torkel** (86) International Application :PCT/SE2010/050683 2)PETTERSSON Anders No :17/06/2010 Filing Date 3)HÃ...KEGÃ...RD Jan (87) International Publication :WO 2011/159209 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A distributed avionics system arranged in an aerial vehicle (1) for controlling at least one avionics function the system comprising: a plurality of avionics processing subsystems (S 1 S4) interconnected in a network (2) each avionics processing subsystems (S1 S4) comprising: processing means (4) arranged to process at least one task (53 55 56 62 63) so as to provide a set of data messages comprising one or more units of data related to controlling the at least one avionics function on basis of provided input data related to conditions of the at least one avionics function memory means (3) in operative connection with the processing means (4) arranged to store instructions for the processing means (4) to process said at least one task wherein at least one of the avionics processing subsystems (S 1 S4) is arranged to transmit at least one synchronization cycle start signal onto the network (2).

No. of Pages : 56 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(+ -)		
(51) International classification	:H01J	(71)Name of Applicant :
(31) Priority Document No	:A 935/2010	1)FRONIUS INTERNATIONAL GMBH
(32) Priority Date	:08/06/2010	Address of Applicant :Vorchdorfer Strasse 40 A-4643
(33) Name of priority country	:Austria	Pettenbach Austria
(86) International Application No	:PCT/AT2011/000248	(72)Name of Inventor :
Filing Date	:31/05/2011	1)WOLFGANG DORFER
(87) International Publication No	: NA	2)MANFRED WIESINGER
(61) Patent of Addition to Application	:NA	3)SEBASTIAN STEMPFL
Number		4)BERNHARD HUEMER
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : INVERTER

(57) Abstract :

The invention relates to an inverter (1), comprising an upper and lower housing part (33, 34), wherein electronic components are arranged in the upper and lower housing parts (33, 34), said components being electronically connected to one another in a releasable manner by means of a contact-making system (40) formed from two parts. In order to produce an electrical and mechanical connection by means of a pivoting movement, the upper housing part (33) is connected to the lower housing part (34) in a manually detachable manner by means of a rotating element (35), wherein the rotating element (35) forms an axis of rotation for a circle arc (58), and, in the upper and lower housing parts (33, 34), a part of the contact-making system (40) is respectively arranged along the circle arc (58) in such a way that these parts, during a pivoting movement of the upper housing part (33) relative to the lower housing part (34) into an operating position, can be automatically contact-connected, with the housing parts (33, 34) connected.

No. of Pages : 18 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : CLEANING DEVICE USED FOR CLEANING AN IMPLANT OR FOR THE DEBRIDEMENT OF AN IMPLANT SURFACE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A46B3/00,A61F2/46 :10505709 :03/06/2010 :Sweden :PCT/SE2011/050684 :01/06/2011 :WO 2011/152789 :NA :NA :NA	 (71)Name of Applicant : 1)TIGRAN TECHNOLOGIES AB (PUBL) Address of Applicant :Medeon Science Park S 205 12 MalmÃ Sweden (72)Name of Inventor : 1)AXELSSON Robert 2)BJURSTEN Lars Magnus 3)JOHANSSON Niklas 4)LENNINGS Erik 5)WETTERHEIM Janarne 6)NILSSON Christer 7)SUNDELIN Ove 8)OLSSON Rickard
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(57) Abstract :

The present invention describes a cleaning device used for cleaning an implant or for the debridement of an implant surface 1 comprising two combined main parts 2 3 the first main part 2 being a handle shaft 2 which is stiff plastic deformable or elastic deformable the second main part 3 being at least one cleaning element 4 comprising a base part 5 and several bristles 6 bristle loops 7 or a cam 8 of spikes 9 wherein the base part 5 is joined together with the handle shaft 2 so as to form a cleaning device 1 with a handle.

No. of Pages : 22 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : IN WALL DOCK FOR A TABLET COMPUTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/US2011/001322 :27/07/2011 :WO 2012/018373 :NA :NA	 (71)Name of Applicant : SAVANT SYSTEMS LLC Address of Applicant :886 Main Street Osterville MA 02655 U.S.A. (72)Name of Inventor : MADONNA Robert P. LACEY Kathleen M. CORSINI Peter H. NOONAN Michael E.
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(57) Abstract :

An in wall dock (100) for a tablet computer (110) includes a rotatable receiving tray (150) to which a tablet computer is secured. A housing (130) of the in wall dock is at least partially disposed within a wall cavity of a wall. The receiving tray is rotatably mounted to the housing. The receiving tray is configured to rotate from a first orientation disposed at an acute angle to a front face of the housing to permit engagement of the tablet computer with the receiving tray to a second orientation that is substantially parallel to the front face of the housing and that prevents removal of the tablet computer from the receiving tray. A lock down mechanism (510) retains the receiving tray in the second orientation. A removable bezel (610) covers at least a portion of a front face of the housing and a front face of the tablet computer.

No. of Pages : 23 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : VALVE WITH	H POSITION SENSOR	
(51) International classification	:B68G	(71)Name of Applicant :
(31) Priority Document No	:1002436	1)KSB S.A.S.
(32) Priority Date	:09/06/2010	Address of Applicant :4 allÃe des Barbanniers F-92635
(33) Name of priority country	:France	Gennevilliers Cedex France
(86) International Application No	:PCT/FR2011/000300	(72)Name of Inventor :
Filing Date	:18/05/2011	1)DOMINIQUE DUBOY
(87) International Publication No	: NA	2)CHRISTOPHE AMAGAT
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Valve comprising a shutter (2) rotating as one (A) with a 5 shaft (3) and a sensor sensing the rotational position of the shaft (3), which comprises a target holder (4a) pushfitted onto the shaft (3), a plate (6) slipped onto the shaft (3), the target holder (4a) and the annular part (6a) being in one and the same plane.

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

VEHICLES AIRCRAFT AND WATERCRAFT

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(71)Name of Applicant : (51) International classification :B65H (31) Priority Document No :10 2010 023 065.0 **1)AUTOFLUG GMBH** (32) Priority Date Address of Applicant :10 IndustriestraÃe 25462 Rellingen :08/06/2010 (33) Name of priority country Germany :Germany (86) International Application No :PCT/EP2011/059255 (72)Name of Inventor : Filing Date :06/06/2011 **1)MARIO MAEVERT** (87) International Publication No : NA (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : SAFETY SEAT WHICH IS SUSPENDED IN A MOUNTING FRAME FOR LAND

(57) Abstract :

Safety seat for land vehicles, aircraft and watercraft, with a seat part frame that forms a seat part, and with a backrest frame that forms the backrest and is connected to the seat part frame, whereby the backrest frame is suspended on at least one suspension or restraint strap that is secured to an anchor that is mounted in the vehicle and is disposed vertically above the safety seat, and whereby additionally at least one holding or securing strap, which is stretched between anchors mounted in the vehicle and vertically spaced from one another, is arranged in such a way that the holding strap is guided over at least one transverse or lateral strut formed on the backrest frame alternatingly over its front side that faces the seat part and its back side that faces away from the seat part, thereby clamping said transverse strut in between the holding strap sections, characterized in that for the fixing of restraint strap (24) and holding strap (25) in position, a separate mounting frame (10) is provided and can be mounted in the vehicle, whereby bushing or guide-through eyes (17) and attachment eyes (15, 16) are formed on the oppositely disposed transverse or lateral support members (11, 12) of the mounting frame (10) for the stretching 15 of 20 5 10 15 20 of restraint strap (24) and holding strap (25), and the backrest frame (20), in addition to its outwardly disposed transverse struts (21, 23), is provided with a central transverse strut (22) disposed therebetween, and in that the one-piece or integral holding strap (25) is fixed by its two ends on two respectively outwardly disposed attachment eyes (15) secured to the upper transverse support member or lateral support (11) of the mounting frame (10) and is looped through, and guided back and forth between, three bushing eyes (17) disposed on the floor side, lower lateral support (12) of the mounting frame (10), and two bushing eyes (17) disposed on the upper lateral support (11) of the mounting frame (10), to thereby form six holding strap sections that run between the upper (11) and the lower (12) lateral supports of the mounting frame (10), whereby at least some of the holding strap sections (26a-f) are alternatingly guided over the front side and the rear side of the three transverse struts (21, 22, 23) formed on the backrest frame (20) to apply an appropriate clamping effect.

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

(22) Date of filing of Application :07/12/2012

(54) Title of the invention : ELEVATOR SYSTEM

(43) Publication Date : 26/09/2014

(51) International classification	:B66B5/00,B66B5/28	(71)Name of Applicant :
(31) Priority Document No	:10 2010 030 436.0	1)THYSSENKRUPP ELEVATOR AG
(32) Priority Date	:23/06/2010	Address of Applicant : ThyssenKrupp Allee 1 45143 Essen
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/060347	(72)Name of Inventor :
Filing Date	:21/06/2011	1)ALTENBURGER Bernd
(87) International Publication No	:WO 2011/161104	2)VON SCHOLLEY Hans Ferdinand
(61) Patent of Addition to Application	:NA	3)ZERELLES Holger
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an elevator system comprising a shaft (12) in which at least two elevator cars (14 16) are disposed on top of each other and can be moved up and down separately from each other wherein each elevator car is associated with a drive device (23 33) for moving the elevator car and a brake unit (55 57) is disposed on each elevator car and further comprising a safety unit (53) for monitoring the operating behavior of the elevator cars and comprising at least one travel limiting unit which comprises at least one stop element (54 56) disposed on an elevator car and a retaining element (60 64) that cooperates with said stop element and is disposed in the shaft so as to limit the travel of the elevator car. In order to increase the transport capacity according to the invention at least one stop element (54 56) is disposed on at least a first elevator car (14 16) said stop element laterally protruding from the vertical projection of the elevator car in a stop position and cooperating with a defined retaining element (60 64) which is associated with said stop element and is disposed outside of the vertical projection of all elevator cars and which all other elevator cars moving in the shaft can pass without obstruction and the brake unit (55 57) disposed on the respective elevator car or the braking action of said unit can be deactivated when the elevator car drops below a predefined limit speed wherein the elevator car can be decelerated to a standstill by means of the stop and retaining elements at speeds up to no more than the limit speed.

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

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(54) The of the invention . SLIDE ONT	MECHANISM	
(51) International classification	:H04M1/02	(71)Name of Applicant :
(31) Priority Document No	:2010129706	1)MITSUBISHI STEEL MFG. CO. LTD.
(32) Priority Date	:07/06/2010	Address of Applicant :2 22 Harumi 3 chome Chuo ku Tokyo
(33) Name of priority country	:Japan	1048550 Japan
(86) International Application No	:PCT/JP2011/062689	(72)Name of Inventor :
Filing Date	:02/06/2011	1)MITSUI Yasuhiro
(87) International Publication No	:WO 2011/155384	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SLIDE UNIT MECHANISM

(57) Abstract :

Disclosed is a slide unit mechanism comprising a slide plate including a slide portion and a slip prevention mechanism engaging with the slide plate to prevent slipping. The slip prevention mechanism comprises a groove an opening formed to be located on a moving track of the slide portion an engagement torsion spring attached in the groove and provided at one end with an engagement member which exposes from the opening onto the moving track of the slide portion and an engagement recess provided in the slide portion so as to be engageable with the engagement member. When the slide plate slides to an open position or a closed position the engagement member is biased by the elastic force of the engagement torsion spring toward the engagement recess and is engaged to the recess.

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

(19) INDIA

(22) Date of filing of Application :07/12/2012

(54) Title of the invention : HINGE DEVICE

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F16C11/10,F16C11/04 :2010131564 :09/06/2010 :Japan :PCT/JP2011/062974 :06/06/2011 :WO 2011/155462 :NA :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)HIRANO Yoshihisa
Filing Date	:NA	

(57) Abstract :

The disclosed hinge device is provided with a shaft a rotary cam a fixed cam and an elastic member in contact with the lateral surface of the rotary cam and the lateral surface of the fixed cam. The rotary cam lateral surface has a rotation side reference surface a rotation side lower surface area a rotation side upper surface area and a concave engagement portion. The fixed cam lateral surface has a fixed side reference surface a fixed side upper surface area and the fixed side lower surface area and a convex engagement portion. In an engaged state in which the rotation side lower surface area and the fixed side upper surface area are engaged the concave engagement portion and the convex engagement portion also engage; in a released state in which the rotation side lower surface area and fixed side upper surface area have been disengaged the fixed side upper surface is in sliding contact with the rotation side reference surface and the convex engagement portion is in sliding contact with the rotation side upper surface area.

No. of Pages : 33 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION (21) Application No.10691/DELNP/2012 A (19) INDIA (22) Date of filing of Application :07/12/2012 (43) Publication Date : 26/09/2014 (54) Title of the invention : PHOTOVOLTAIC MODULE AND METHOD OF MANUFACTURING A PHOTOVOLTAIC MODULE HAVING AN ELECTRODE DIFFUSION LAYER (51) International classification :H01L31/18 (71)Name of Applicant : (31) Priority Document No 1)THINSILICON CORPORATION :61/361.583 (32) Priority Date Address of Applicant :1400 N. Shoreline Blvd. #B-3 :06/07/2010 Mountain View CA 94043 United States of America (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2011/040535 (72)Name of Inventor : Filing Date :15/06/2011 **1)COAKLEY Kevin** (87) International Publication No : NA 2)GIROTRA Kunal (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A photovoltaic module that converts incident light received through a light transmissive cover sheet into a voltage is provided. The photovoltaic module includes a substrate conductive upper and lower layers between the substrate and the cover sheet and a semiconductor layer stack between the conductive upper and lower layers. The conductive lower layer includes an electrode diffusion layer between a lower electrode and a conductive light transmissive layer. The electrode diffusion layer restricts diffusion of the lower electrode of the conductive lower layer into the conductive light transmissive layer during deposition of the semiconductor layer stack. The incident light is converted by the semiconductor layer stack into the voltage potential between the conductive upper and lower layers.

No. of Pages : 32 No. of Claims : 20

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C07C :1054640 :11/06/2010 :France :PCT/EP2011/059724 :10/06/2011 : NA :NA :NA	 (71)Name of Applicant : 1)LTMAIR LIQUIDE SOCIETE ANONYME POUR LTMETUDE ET LTMEXPLOITATION DES PROCEDES GEORGES CLAUDE Address of Applicant :75 Quai dOrsay 75007 Paris France (72)Name of Inventor : 1)BRIGLIA Alain 2)COURT Philippe 3)DARDE Arthur
Filing Date		3)DARDE Arthur
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : PROCESS AND APPARATUS FOR DRYING AND COMPRESSING A CO2-RICH STREAM

(57) Abstract :

In a process for compressing a CO2-rich fluid containing water: the CO2-rich fluid is compressed in a compressor (61); upstream of the compression step an antifreeze is mixed with the CO2-rich fluid containing water; the CO2-rich fluid containing antifreeze is cooled; water is separated from the cooled fluid; and the water-depleted cooled fluid; is compressed in the compressor characterized in that: the CO2-rich fluid containing water is sent to a scrubbing column (3) fed preferably at the top with a water/antifreeze mixture (53) where it cools and is separated from the water the water-depleted cooled fluid being extracted from the top of the column; a water/antifreeze mixture in the column is extracted at a level below the top; the mixture is cooled using the refrigeration from an apparatus for cooling and/or purifying the cooled fluid (55) compressed in the compressor (61); and the fluid is returned to the...

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

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

GAMMAGENIC ELEMENTS AND A GAS CONTAINING LESS THAN 10% OF NITROGEN OR OXYGEN (51) International classification :B67B (71)Name of Applicant : (31) Priority Document No 1)LAIR LIQUIDE SOCIETE ANONYME POUR LETUDE :1055690 (32) Priority Date ET LEXPLOITATION DES PROCEDES GEORGES :13/07/2010 (33) Name of priority country CLAUDE :France (86) International Application No :PCT/FR2011/051016 Address of Applicant :75 Quai dOrsay 75007 Paris France 2)AIR LIQUIDE WELDING FRANCE Filing Date :05/05/2011 (87) International Publication No : NA (72)Name of Inventor : (61) Patent of Addition to Application **1)BRIAND Francis** :NA Number **2)DUBET Olivier** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : HYBRID ARC/LASER-WELDING METHOD FOR ALUMINIZED STEEL PARTS USING

(57) Abstract :

The invention relates to a hybrid laser/arc-welding method using an electric arc and a laser beam that are combined together within a single welding melt to which molten metal is supplied by melting a filler wire wherein the welding melt is provided on at least one steel part including an aluminum surface coating and a protective gas is used characterized in that the filler wire contains at least 3 wt % of one or more gammagenic elements in particular the gammagenic elements selected from C Mn Ni and N and the protective gas consists of helium and/or argon with the addition of at least 10 vol % of nitrogen or oxygen. The method of the invention is particularly suitable for welding end-welded flanks used in the field of manufacturing automobiles or for tube welding.

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

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(51) International classification :F16B (71)Name of Applicant : 1)MITSUBISHI-HITACHI METALS MACHINERY INC. (31) Priority Document No :NA (32) Priority Date :NA Address of Applicant :34-6 Shiba 5-chome Minato-ku Tokyo (33) Name of priority country :NA 108-0014 Japan :PCT/JP2010/065154 (72)Name of Inventor : (86) International Application No 1)KAGA Shinichi Filing Date :03/09/2010 (87) International Publication No : NA 2)ONOSE Mitsuru 3)TOMINAGA Noriaki (61) Patent of Addition to Application :NA Number 4)SAITO Takehiko :NA Filing Date 5)YOSHIMURA Yasutsugu (62) Divisional to Application Number :NA 6)HIRANO Satoshi Filing Date 7)PARK Seung Hwan :NA

(54) Title of the invention : FRICTION STIR WELDING SYSTEM AND FRICTION STIR WELDING METHOD

(57) Abstract :

Friction stir welding with high thermal efficiency is achieved while suppressing enlargement of the equipment enhancing the production efficiency suppressing asymmetric residual stress and strength imbalance and preventing adhesion. By driving a robot arm 12 rotary tools 5 and 6 are placed to face each other on the front and back sides of a joint portion J of two metal plates 1 and 2. By driving tool rotation devices 7 and 8 and tool pressing devices 9 and 10 the rotary tools 5 and 6 are rotated and are moved in directions to approach each other by which shoulder surfaces 5b and 6b of the rotary tools 5 and 6 are pressed against the front and back surfaces of the joint portion J. In this state the rotating rotary tools 5 and 6 are moved along the joint portion J by driving the robot arm 12...

No. of Pages : 60 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :03/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : CO2 DESORPTION WITHOUT STRIPPER

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:B01D53/14,B01D53/62,B01D53/78 :NO 20100797 :02/06/2010	 (71)Name of Applicant : 1)STATOIL PETROLEUM AS Address of Applicant :N 4035 Stavanger Norway (72)Name of Inventor :
(33) Name of priority country	y:Norway	1)SVENDSEN John Arild
(86) International Application No Filing Date	:PCT/EP2011/059076 :01/06/2011	
(87) International Publication No	¹ :WO 2011/151390	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A CO desorption method and equipment for performing this method is described. More specific a method for desorbing CO from an absorption fluid without involving a traditional stripper but instead using a heat exchanger as a flash tank is disclosed. Further described is the utilization of cooling heat from a condenser for cooling the lean absorbent fluid.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :03/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : ARTICLES WITH SUPER HYDROPHOBIC AND/OR SELF CLEANING SURFACES AND METHOD OF MAKING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:B29C37/00,B29C59/02,B08B17/06 :12/785662 :24/05/2010 7 :U.S.A.	 (71)Name of Applicant : 1)INTEGRAN TECHNOLOGIES Address of Applicant :6300 Northam Drive Mississauga Ontario L4V 1H7 Canada (72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication No 	:21/05/2011	1)VICTOR Jared J. 2)ERB Uwe 3)TOMANTSCHGER Klaus 4)NAGARAJAN Nandakumar 5)FACCHINI Diana
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA ⁿ :NA :NA	6)NEACSU Mioara

(57) Abstract :

Super hydrophobic and self cleaning articles produced by imprinting exposed surfaces with suitable fine grained and/or amorphous metallic embossing dies to transfer a dual surface structure including ultra fine features less than or equal to 100nm embedded in and overlaying a surface topography with macro surface structures greater than or equal to 1 micron are disclosed.

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

(22) Date of filing of Application :03/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : PLANT IRRIGATION METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A01N43/72 :10005802.3 :04/06/2010 :EPO :PCT/US2011/039082 :03/06/2011 :WO 2011/153442	 (71)Name of Applicant : 1)SYNGENTA PARTICIPATIONS AG Address of Applicant :Schwarzwaldallee 215 CH 4058 Basel Switzerland (72)Name of Inventor : 1)HAAS Ulrich Johannes 2)WEIDER Christophe
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)ZEUN Ronald 4)BASSI Ronald 5)PERKINS Daniel

(57) Abstract :

The present invention is directed to methods of increasing the environmental stress tolerance of a plant to methods of improving the quality and/or yield of a plant crop to methods of application of agrochemicals having a physiological effect on a plant in the plant irrigation water and to crops produced using said methods.

No. of Pages : 22 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :03/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : CONTROL OF COLEOPTERAN INSECT 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 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:07/07/2010 :U.S.A. :PCT/US2011/042932 :05/07/2011 :WO 2012/006271 :NA :NA :NA	 (71)Name of Applicant : 1)SYNGENTA PARTICIPATIONS AG Address of Applicant :3054 Cornwallis Road Research Triangle Park North Carolina 27709 U.S.A. (72)Name of Inventor : 1)GRASER Gerson 2)BOUDREAU Eric
Application Number Filing Date	:NA	

(57) Abstract :

Improved compositions and methods for controlling coleopteran pests are disclosed. In particular novel combinations of insecticidal proteins having improved toxicity to coleopteran insect pests such as corn rootworm are provided. Further a method of killing or controlling coleopteran insect pests using the compositions of the invention is disclosed.

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

(19) INDIA

(22) Date of filing of Application :03/12/2012

(43) Publication Date : 26/09/2014

· · · ·		-
(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:2010-108021	1)SHIN-KOBE ELECTRIC MACHINERY CO. LTD.
(32) Priority Date	:10/05/2010	Address of Applicant :8-1 Akashi-cho Chuo-ku Tokyo
(33) Name of priority country	:Japan	1040044 Japan
(86) International Application No	:PCT/JP2011/001538	(72)Name of Inventor :
Filing Date	:16/03/2011	1)TOSHIO SHIBAHARA
(87) International Publication No	: NA	2)SATOSHI MINOURA
(61) Patent of Addition to Application	:NA	3)SATORU TAKAHASHI
Number	:NA :NA	4)MASATOSHI TODUKA
Filing Date	.1NA	5)KOJI KOGURE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : LEAD STORAGE BATTERY

(57) Abstract :

A flooded-type lead-acid battery in which charging is intermittently carried out in a short period of time and high-rate discharge to a load is carried out in a partial state of charge, 5 wherein the charge acceptance and service life characteristics under PSOC are improved by using a positive plate in which the total surface area of the positive active material per unit of the plate pack volume is set in a range of 3.5 to 15.6 m2/cm3; a negative plate with improved charge acceptance and service life performance 10 obtained by adding a carbonaceous electrically conductive material, and a formaldehyde condensate of bisphenol and aminobenzene sulfonic acid to the negative active material; and a separator formed from a nonwoven in which a surface facing the negative plate is composed of material selected from glass, pulp, and polyolefin.

No. of Pages : 77 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : STABLE NON AQUEOUS LIQUID COMPOSITIONS COMPRISING A CATIONIC POLYMER IN PARTICULATE FORM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C11D3/22,C11D3/37,C11D17/00 :10167227.7 :24/06/2010 :EPO	 (71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY Address of Applicant :One Procter & Gamble Plaza Cincinnati OH 45202 U.S.A.
 (86) International Application No Filing Date (87) International Publication No 	:PCT/US2011/041460 :22/06/2011 :WO 2011/163371	 (72)Name of Inventor : 1)LABEQUE Regine 2)BOULAICH Rajae 3)JENNEWEIN Marc
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The need for a stable compact composition providing improved fabric care benefit that is also convenient to use can be met by incorporating a cationic cellulose polymer into a non aqueous composition using a non aqueous dispersant. Such compositions have good physical stability with little or no clumping of the cationic polymer in particulate form.

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

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SOOT RADIAL PRESSING FOR OPTICAL FIBER OVERCLADDING

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	2003B37/012 61/377501 227/08/2010	 (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)ALLEN Martin Wade 2)DAWES Steven B. 3)DESORCIE Robert B. 4)LEBLOND Nicolas 5)ROSE Roger A. 6)TANDON Pushkar 7)VARGHEESE Kochuparambil D. 8)YANG Li
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(57) Abstract :

A method and apparatus for making an optical fiber preform. The apparatus has an outer wall and an inner wall. The outer wall surrounds the inner wall and the inner wall surrounds an inner cavity of the apparatus. A core rod is deposited in the inner cavity after which particulate glass material such as glass soot is deposited in the inner cavity around the core rod. The core rod has at least 10 percent of the final cladding soot already applied thereto. A radially inward pressure is applied against the particulate glass material against the core rod.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(54) Title of the invention : POLYSUBSTITUTED BENZOFURANS AND MEDICINAL APPLICATIONS 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 	:C07D307/79,C07D307/80,C07D307/92 :10382116.1 :11/05/2010 :EPO :PCT/EP2011/057502 :10/05/2011 :WO 2011/141458 ^O :NA :NA :NA	 (71)Name of Applicant : IKERCHEM S.L. Address of Applicant :Paseo Mikeletegi 69 3° planta E 20009 San SebastiÃ;n Gipuzkoa Spain UNIVERSIDAD DEL PAÃ S VASCO (72)Name of Inventor : COSSÃ O MORA Fernando Pedro ARIAS ECHEVERRÃ A Leire Lidia VARA SALAZAR Yosu Ion ALDABA ARÉVALO Eneko SAN SEBASTIÃ N LARZABAL Eider ZUBIA OLASCOAGA Aizpea
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(57) Abstract :

The present invention refers to compounds of formula (I) as well as to a method for their preparation pharmaceutical compositions comprising the same and use thereof for the treatment and/or chemoprevention of cancer aging related diseases or processes diabetes and neurodegenerative diseases.

No. of Pages : 49 No. of Claims : 14

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : BENT RAZOR BLADES AND MANUFACTURING THEREOF

(51) International classification	:B21D53/64,B26B21/22,B26B21/56	(71)Name of Applicant : 1)THE GILLETTE COMPANY
(31) Priority Document No	:12/825889	Address of Applicant :World Shaving Headquarters IP/Legal
(32) Priority Date	:29/06/2010	Patent Department 3E One Gillette Park Boston MA 02127 U.S.A.
(33) Name of priority country	/ :U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:28/06/2011	1)PETERSON Mark
(87) International Publication No	:WO 2012/006043	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	ⁿ :NA :NA	

(57) Abstract :

A razor blade manufactured by the process of cutting a strip of blade steel into discrete blanks each having an elongated edge and an elongated support portion extending between a pair of lateral end faces generally transverse to the elongated edge. The elongated edges are sharpened to form a cutting edge. The discrete blanks are deformed to form a bent portion. The lateral end faces are treated to remove cracks prior to being deformed.

No. of Pages : 23 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND DEVICE FOR DELIVERING LIQUIDS INTO THE TREATMENT UNIT OF A MEDICAL TREATMENT DEVICE IN PARTICULAR INTO THE DIALYSER OF A DIALYSIS 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 	:A61M1/16 :10 2010 023 635.7 :14/06/2010 :Germany :PCT/EP2011/002915 :14/06/2011 :WO 2011/157396 :NA :NA :NA	 (71)Name of Applicant : 1)FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH Address of Applicant :Else KrÃner Strasse 1 61352 Bad Homburg v.d.H. Germany (72)Name of Inventor : 1)BRANDL Matthias 2)WEIS Manfred 3)NIER Volker 4)MAGER Gerhard 5)HERRENBAUER Michael
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a device and method for delivering liquids into the treatment unit (1) of a medical treatment device in particular into the dialyser of a dialysis device and to an extracorporeal blood treatment device. The device and method according to the invention are based on the fact that the liquid with which the treatment unit is supplied circulates in a liquid circuit (II) that surrounds the treatment unit. A balancing unit (5) comprising a balancing chamber (6) that can be integrated in the liquid circuit surrounding the treatment unit is used to balance fresh and used liquid which is supplied to the treatment unit or discharged from the treatment unit. It is thus possible to supply fresh liquid continuously to the liquid circuit and to discharge used liquid continuously from the liquid circuit. The supply and discharge of fresh and used liquid can be effected at a flow rate that is different from the flow rate with which the liquid circuit via the treatment unit.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : CATALYSTS FOR PRODUCING BROAD MOLECULAR WEIGHT DISTRIBUTION POLYOLEFINS IN THE ABSENCE OF ADDED HYDROGEN

(51) International classification (31) Priority Document No	:C08F4/6592,C08F10/00 :12/830571	(71)Name of Applicant : 1)CHEVRON PHILLIPS CHEMICAL COMPANY LP
(32) Priority Date	:06/07/2010	Address of Applicant :10001 Six Pines Drive The Woodlands
(32) Name of priority country	:U.S.A.	Texas 77380 U.S.A.
(86) International Application No	:PCT/US2011/042935	(72)Name of Inventor :
Filing Date	:05/07/2011	1)YANG Qing
(87) International Publication No	:WO 2012/006272	2)MCDANIEL Max P.
(61) Patent of Addition to Application	:NA	3)CRAIN Tony R.
Number	:NA	4)YU Youlu
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a polymerization process utilizing a dual metallocene catalyst system for the production of broad or bimodal molecular weight distribution polymers generally in the absence of added hydrogen. Polymers produced from the polymerization process are also provided and these polymers can have a Mn in a range from about 9 000 to about 30 000 g/mol and a short chain branch content that decreases as molecular weight increases.

No. of Pages : 130 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR PROPAGATING INFORMATION USING MODIFIED 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 Filing Date 	:C12N :61/349,012 :27/05/2010 :U.S.A. :PCT/US2011/029947 :25/03/2011 : NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)EMERALD THERAPEUTICS INC. Address of Applicant :3475-m Edison Way Menlo Park CA 94025 U.S.A. (72)Name of Inventor : 1)KLEINBAUM Daniel. J.
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(57) Abstract :

A method for improving a nucleic acid-based molecular computing system includes (A) identifying a computing system comprised of (i) a nucleic acid structure that includes an incompletely base-paired duplex domain, (ii) at least one polynucleotide displacement molecule that can bind with the nucleic acid structure under hybridizing conditions, such that the nucleic acid structure undergoes a transition in energy state due to a branch migration reaction involving the duplex domain, and (iii) a clashing polynucleotide molecule that competes with the polynucleotide displacement molecule for binding the nucleic acid structure under the hybridizing conditions but that cannot produce a branch migration reaction involving the duplex domain; then (B) reconfiguring at least one of the displacement molecule and the nucleic acid structure, respectively, to incorporate a chemical modification relative to a first reference molecule that comprises natural nucleosides and has the same sequence content as the displacement molecule or the nucleic acid structure, as the case may be, wherein the modification causes binding of the displacement molecule and the nucleic acid structure to have a hybridization free energy, differing from that of a first reference binding between the displacement molecule or the nucleic acid structure and the first reference molecule, such that the branch migration reaction is facilitated relative to the first reference binding; and/or (C) reconfiguring at least one of the clashing molecule and the nucleic acid structure, respectively, to incorporate a chemical modification relative to a second reference molecule that comprises natural nucleosides and has the same sequence content as the clashing molecule or the nucleic acid structure, as the case may be. The modification effected via such reconfiguring causes binding of the clashing molecule and the nucleic acid structure to have a hybridization free energy, differing from that of a second reference binding between the clashing molecule or the nucleic acid structure and the second reference molecule, such that binding of the clashing molecule is impeded relative to the second reference binding.

No. of Pages : 34 No. of Claims : 21

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : USE OF 5A-ANDROSTANE (ALKYL)-3à5 6Ã-TRIOL IN PREPARATION OF NEUROPROTECTIVE DRUGS

		(71)Name of Applicant :
		1)GUANGZHOU CELLPROTEK PHARMACEUTICAL
(51) International classification	:A61K	LTD.
(31) Priority Document No	:201010224173.3	Address of Applicant :Room 208 Guangzhou International
(32) Priority Date	:09/07/2010	Business Incubator C District No. 3 Skim Springs Road
(33) Name of priority country	:China	Guangzhou Science City Guangzhou Guangdong 510663 China
(86) International Application No	:PCT/CN2011/076967	(72)Name of Inventor :
Filing Date	:08/07/2011	1)YAN Guangmei
(87) International Publication No	: NA	2)HU Haiyan
(61) Patent of Addition to Application	:NA	3)LENG Tiandong
Number	:NA :NA	4)SANG Hanfei
Filing Date	.NA	5)ZHANG Jingxia
(62) Divisional to Application Number	:NA	6)QIU Pengxin
Filing Date	:NA	7)ZHOU Shujia
-		8)CHEN Jiesi
		9)YOU Xiuhua

(57) Abstract :

Disclosed is the use of 5a-androstane(alkyl)-3Ã 5 6Ã-triol in preparing neuroprotective drugs. The compound has significant protective effect against neuron injuries caused by cerebral ischemia spinal cord ischemia or hypoxia and has no obvious toxic reaction within effective dose thereof.

No. of Pages : 16 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : TRANSGENIC BRASSICA EVENT MON 88302 AND METHODS OF USE THEREOF

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C12P :61/351,317 :04/06/2010 :U.S.A. :PCT/US2011/038684 :01/06/2011 : NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)MONSANTO TECHNOLOGY LLC Address of Applicant :800 North Lindbergh Blvd. St. Louis MO 63167 U.S.A. (72)Name of Inventor : 1)BROWN Andrew J. 2)BYRNE James F. 3)COLE Robert H. 4)CROWLEY James H. 5)MIKLOS John A. 6)RIPLEY Robert C. 7)SEIFERT-HIGGINS Simone 8)XIE Jiali
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(57) Abstract :

The invention provides plants comprising transgenic event MON 88302 that exhibit tolerance to glyphosate herbicide. The invention also provides seeds plant parts cells commodity products and methods related to the event. The invention also provides DNA molecules that are unique to the event and were created by the insertion of transgenic DNA into the genome of a Brassica napus plant.

No. of Pages : 67 No. of Claims : 35

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

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B18/14 :12/781243 :17/05/2010 :U.S.A. :PCT/US2011/036617 :16/05/2011 :WO 2011/146377 :NA :NA :NA :NA	9)HARRIS Jason L. 10)HUANG Zhifan F. 11)JOHNSON Gregory M. 12)KIMBALL Cory G. 13)MALAVIYA Prasanna 14)MILLER Matthew C. 15)MIREL Al 16)NORVELL David K. 17)SCHALL Christopher J. 18)SHELTON Frederick E. IV 19)STULEN Foster B. 20)SWAYZE Jeffrey S. 21)WHITE Bradley E. 22)WIDENHOUSE Tamara
		23)WITT David A. 24)BERNATH Steve G.

(54) Title of the invention : SURGICAL INSTRUMENTS AND END EFFECTORS THEREFOR

(57) Abstract :

Various forms of surgical instruments are disclosed. In various embodiments an end effector having operable and closable jaws is attached to a distal end of an elongate shaft such that portions of the jaws are axially offset from the elongate shaft. Other jaw embodiments are coupled to an actuation arrangement that permits portions of the jaws to be moved out of axial alignment with the elongate shaft. Other jaw embodiments are configured to facilitate tissue dissection. Electrosurgical instruments are also disclosed. One embodiment employs a flexible electrode that is conformable to tissue.

No. of Pages : 57 No. of Claims : 28

(19) INDIA

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

(54) Title of the invention · SAMPLING DEVICE

(43) Publication Date : 26/09/2014

DEVICE	
:B25H	(71)Name of Applicant :
:12/823,655	1)Mettler-Toledo AG
:25/06/2010	Address of Applicant :Im Langacher 44 8606 Greifensee
:U.S.A.	Switzerland
:PCT/EP2011/060362	(72)Name of Inventor :
:21/06/2011	1)BLACKLIN Peter Alfred
: NA	2)FOWLER Wayne Jr.
•NI A	3)HAWKINS Joel Michael
	4)WARD Howard William II
INA	
:NA	
:NA	
	:B25H :12/823,655 :25/06/2010 :U.S.A. :PCT/EP2011/060362 :21/06/2011 : NA :NA :NA :NA

(57) Abstract :

An in situ sampling device for capturing a material sample from a vessel. Embodiments of the present invention may be disposed as elongate probes having extendable sample capture elements. A sample capture element of such a device may include a concave sample capture pocket located near a distal end thereof. The sample capture pocket is adapted to capture a known volume of material when the sample capture element is extended into said material. The material sample remains trapped in the sample capture pocket upon sample capture element retraction. The sample capture pocket may be provided with a port for receiving material therein and a port for expelling material therefrom. These ports may be placed in communication with corresponding material transfer channels extending through the sample capture element. A device of the present invention provides for substantially contemporaneous sample capture and sample processing.

No. of Pages : 47 No. of Claims : 31

(19) INDIA

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

(43) Publication Date : 26/09/2014

:B44C	(71)Name of Applicant :
:12/823,718	1)Mettler-Toledo AG
:25/06/2010	Address of Applicant :Im Langacher 44 8606 Greifensee
:U.S.A.	Switzerland
:PCT/EP2011/060364	(72)Name of Inventor :
:21/06/2011	1)BLACKLIN Peter Alfred
: NA	2)FOWLER Wayne Jr.
.NI A	3)HAWKINS Joel Michael
	4)WARD Howard William II
INA	
:NA	
:NA	
	:12/823,718 :25/06/2010 :U.S.A. :PCT/EP2011/060364 :21/06/2011 : NA :NA :NA :NA

(54) Title of the invention : SAMPLING DEVICE AND METHOD

(57) Abstract :

An in situ autosampling method and associated sampling device for capturing a material sample from a vessel. Methods of the present invention make use of a sampling device having an extendable sample capture element with a concave sample capture pocket located near a distal end thereof. The sample capture pocket is adapted to capture a known volume of material when the sample capture element is extended into said material. The material sample remains trapped in the sample capture pocket upon sample capture element retraction. Ports in the sample capture pocket may be placed in communication with corresponding material transfer channels extending through the sample capture element to allow for the in situ processing of a material sample and the subsequent discharge of the sample to an analyzer or another downstream location.

No. of Pages : 50 No. of Claims : 31

(19) INDIA

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

(54) Title of the invention : PROCESS FOR PREPARING ACROLEIN FROM GLYCEROL OR GLYCERIN

 (51) International classification (31) Priority Document Not (32) Priority Date (33) Name of priority country 	:C07C45/52,C07C319/18,C07C319/20 9 :10/54794 :17/06/2010 :France	 (71)Name of Applicant : 1)ADISSEO FRANCE S.A.S. Address of Applicant :Immeuble Antony Parc II 10 place du GÃnÃral de Gaulle F 92160 Antony France 2)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
(86) InternationalApplication NoFiling Date(87) International	:PCT/FR2011/051375 :16/06/2011 :WO 2011/157959	 (72)Name of Inventor : 1)LAURIOL GARBEY Pascaline 2)BELLIERE BACA Virginie 3)LORIDANT StÄphane
Publication No (61) Patent of Addition to Application Number Filing Date	:NA :NA	4)MILLET Jean Marc
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a process for preparing acrolein from glycerol or glycerin according to which glycerol or glycerin is dehydrated in the presence of a catalyst the active phase of which consists of at least a) a silicon oxide a zirconium oxide and at least one oxide of metal M said metal being chosen from tungsten cerium manganese niobium tantalum vanadium and titanium or b) a titanium oxide a zirconium oxide and at least one oxide of metal M said metal being chosen from

tungsten cerium manganese niobium tantalum vanadium and silicon. This process may be used for the manufacture of 3 (methylthio)propionaldehyde (MMP) 2 hydroxy 4 (methylthio)butyronitrile (HMTBN) methionine and analogues thereof from acrolein.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:F01M11/00	(71)Name of Applicant :
(31) Priority Document No	:10/55038	1)MECAPLAST
(32) Priority Date	:24/06/2010	Address of Applicant :4 6 Bloc C Avenue du Prince
(33) Name of priority country	:France	HÃrÃditaire Albert MC 98014 Monaco
(86) International Application No	:PCT/FR2011/050720	(72)Name of Inventor :
Filing Date	:31/03/2011	1)PERON Benoît
(87) International Publication No	:WO 2011/161339	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : OIL SUMP INTENDED TO BE FIXED TO AN ENGINE BLOCK

(57) Abstract :

The sump comprises: a lower shell (2) comprising an element that forms a lower portion (20) of a suction strainer the lower shell and the said element being produced as a single piece by moulding or by casting; an upper shell (1) comprising an element forming an upper portion (21) of the suction strainer and a wall forming an anti emulsion plate (15) the upper shell the said element and the anti emulsion plate being produced as a single piece by moulding or by casting. The shells are assembled with one another in a fluid tight fashion to form a rigid casing the lower portion and the upper portion of the suction strainer being when the shells are assembled assembled with one another with a grating (3) interposed between them so as to form a suction strainer that allows oil to be drawn up towards the engine.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : PERFUME SYSTEMS (51) International classification :C11B9/00,A61Q5/02,A61Q13/00 (71)Name of Applicant : **1)THE PROCTER & GAMBLE COMPANY** (31) Priority Document No :61/357319 (32) Priority Date :22/06/2010 Address of Applicant : One Procter & Gamble Plaza Cincinnati (33) Name of priority country :U.S.A. Ohio 45202 U.S.A. (72)Name of Inventor: (86) International Application :PCT/US2011/041408 **1)SMETS Johan** No :22/06/2011 Filing Date 2) DENUTTE Hugo Robert Germain (87) International Publication **3)PINTENS An** :WO 2011/163337 No 4)VAN AKEN Koen (61) Patent of Addition to 5)VRIELYNCK Freek Annie Camiel :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

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

No. of Pages : 83 No. of Claims : 14

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : ETHERNET FOR AVIONICS

(57) Abstract :

An avionics switched Ethernet network (1) for communication of data the network comprising: a plurality of synchronized interconnected system nodes (N1 N3) each comprising: an avionics module (Al A3) arranged to periodically provide a set of data messages each comprising a set of data variables related to avionics functions a network module (E1 E3) coupling the avionics module (Al A3) to the network (1) said network module (E1 E3) comprising a network interface unit (15A 15C) arranged to provide means for transmissions of data packets comprising a number of said set of data messages from said avionics module (Al A3). According to the invention the network module (E1 E3) of each system node (N1 N3) comprise a transmission control unit arranged to control the network interface unit (15A 15C) to perform scheduled transmissions of said data packets wherein said transmission control unit is provided with access to memory means comprising scheduling information relating to a timing table comprising a plurality of time slots (S1 S8) of predetermined duration within at least one periodically repeating communication time frame (125 128) wherein each of said plurality of time slots (S1 S8) is statically allocated a predetermined number of data packets each comprising a predetermined subset of data messages from said set of data messages.

No. of Pages : 38 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H01G9/20,H01L51/00 :61/359619 :29/06/2010 :U.S.A. :PCT/EP2011/060886 :29/06/2011 :WO 2012/001033 :NA :NA :NA	 (71)Name of Applicant : 1)DYENAMO AB Address of Applicant :Lars Kloo AlmvÃgen 49 S 187 34 TÃby Sweden (72)Name of Inventor : 1)GIBSON Elizabeth 2)FELDT Sandra 3)GABRIELSSON Erik
Filing Date	:NA :NA	

(54) Title of the invention : HIGH EFFICIENCY DYE SENSITIZED SOLAR CELLS

(57) Abstract :

Cobalt polypyridine complexes are interesting alternative redox mediators for large scale manufacturing of dyesensitized solar cells (DSCs) since they are less aggressive towards metal contacts and absorb less light than iodide/triiodide. Here we have examined the effect of steric properties of triphenylamine-based organic sensitizers and cobalt polypyridine redox media tors on the electron lifetime and overall device performance in DSCs. Matching the steric bulk of the dye and redox mediator was found to minimize recombination and mass transport problems in DSCs employing cobalt redox mediators. Recombination was efficiently slowed down by introducing insulating butoxyl chains on the dye, allowing the use of a cobalt redox mediator with a less steric bulk. The best efficiency of DSCs sensitized with a triphenylamine-based organic dye in combination with cobalt(II/III) tris(2,2-bipyridyl) match the highest efficiencies obtained so far with iodide-free electrolytes, reaching a 6.3 % overall conversion efficiency under AMI.5 condition (1000 Wm-2) and an efficiency of 7.8 % at 1/IO ofa sun. Organic dyes with high extinction coefficients can thus be used instead of standard ruthenium sensitizers to build thin films DSCs in order to overcome mass transport and recombination limitations associated with the cobalt redox couples. DSCs sensitized with organic dyes employing cobalt re dox mediators are promising for low light intensity applications since the efficiency and voltage is high at indoor illumination.

No. of Pages : 44 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESS FOR PREPARING OXALATE BY CARBON MONOXIDE GAS PHASE METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:PCT/CN2011/000965 :09/06/2011 :WO 2011/153825 :NA :NA	 (71)Name of Applicant : 1)CHINA PETROLEUM & CHEMICAL CORPORATION Address of Applicant :No. 22 Chaoyangmeng North Street Chaoyang District Beijing 100728 China 2)SHANGHAI RESEARCH INSTITUTE OF PETROCHEMICAL TECHNOLOGY SINOPEC (72)Name of Inventor : 1)YANG Weimin 2)LIU Juntao 3)WANG Wanmin 4)LI Lei
(62) Divisional to Application Number Filing Date	' :NA :NA	

(57) Abstract :

Disclosed is a process for preparing oxalate by carbon monoxide gas phase method which includes the following steps: a) introducing a nitrite water and an inorganic acid into a reactor I firstly and separating the produced effluent to obtain a effluent II of nitric oxide; b) introducing the effluent II of nitric oxide alkanol and oxygen into a reactor II to react and separating the produced effluent to obtain a effluent to obtain a effluent IV containing C C alkyl nitrite; c) introducing the effluent IV containing C C alkyl nitrite; c) introducing the effluent IV containing C C alkyl nitrite; and a stream of carbon monoxide gas into a coupling reactor to generate a effluent VI containing nitric oxide wherein the reactor I and /or the reactor II are (is) a rotary super gravity reactor.

No. of Pages : 20 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :07/12/2012

(54) Title of the invention : TETRAHYDRO PYRIDO PYRIMIDINE DERIVATIVES

(51) International classification (31) Priority Document No	:C07D471/04,A61K31/517,A61P29/00	 (71)Name of Applicant : 1)NOVARTIS AG Address of Applicant :Lichtstrasse 35 CH 4056 Basel Switzerland
(32) Priority Document No	:06/07/2010	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)COOKE Nigel Graham 2)FERNANDES GOMES DOS SANTOS Paulo
(86) International Application No Filing Date	:PCT/EP2011/061393 :06/07/2011	3)GRAVELEAU Nadege 4)HEBACH Christina 5)HÖGENAUER Klemens
(87) International Publication No	:WO 2012/004299	6)HOLLINGWORTH Gregory 7)SMITH Alexander Baxter
(61) Patent of Addition to Application Number Filing Date	:NA :NA	8)SOLDERMANN Nicolas 9)STOWASSER Frank 10)STRANG Ross
(62) Divisional to Application Number Filing Date	:NA :NA	11)TUFILLI Nicola 12)VON MATT Anette 13)WOLF Romain 14)ZECRI FrÃdÃric

(57) Abstract :

The invention relates to substituted tetrahydro pyrido pyrimidine derivatives of the formula (I) wherein Y R R and m are as defined in the description. Such compounds are suitable for the treatment of a disorder or disease which is mediated by the activity of the PI3K enzymes.

No. of Pages : 230 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :07/12/2012

(54) Title of the invention : NOVEL MICROBIOCIDAL DIOXIME ETHER 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 Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D215/24,C07D215/26,C07D215/40 :10168236.7 :02/07/2010 :EPO :PCT/EP2011/060904 :29/06/2011 :WO 2012/001040	 (71)Name of Applicant : 1)SYNGENTA PARTICIPATIONS AG Address of Applicant :Schwarzwaldallee 215 CH 4058 Basel Switzerland (72)Name of Inventor : 1)NEBEL Kurt 2)STIERLI Daniel 3)ZAMBACH Werner 4)BORTOLATO Andrea
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(57) Abstract :

The present invention provides compounds of formula (I) wherein R A X Y Y Y G G G and p are as defined in the claims. The invention further provides intermediates used in the preparation of these compounds to compositions which comprise these compounds and to their use in agriculture or horticulture for controlling or preventing infestation of plants by phytopathogenic microorganisms preferably fungi.

No. of Pages : 184 No. of Claims : 24

(21) Application No.10688/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:C08F	(71)Name of Applicant :
(31) Priority Document No	:2010-134472	1)ASAHI KASEI CHEMICALS CORPORATION
(32) Priority Date	:11/06/2010	Address of Applicant :1-105 Kanda Jinbocho Chiyoda-ku
(33) Name of priority country	:Japan	Tokyo Japan
(86) International Application No	:PCT/JP2011/063345	(72)Name of Inventor :
Filing Date	:10/06/2011	1)SASAKI Yukiyoshi
(87) International Publication No	: NA	2)OYAMADA Hiroshi
(61) Patent of Addition to Application	:NA	3)SHIKANO Yasukazu
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : POLYAMIDE AND POLYAMIDE COMPOSITION

(57) Abstract :

[Problem to be Solved] A main object of the present invention is to provide a polyamide and a polyamide composition capable of rendering good surface appearance stability and outstanding impact resistance properties to a molded article even when molded under rigorous molding conditions. [Solution] The present invention is (A) a polyamide comprising (a) a unit comprising adipic acid and ...

No. of Pages : 67 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:A23L2/74	(71)Name of Applicant :
(31) Priority Document No	:2010902013	1)THE STATE OF QUEENSLAND ACTING THROUGH
(32) Priority Date	:11/05/2010	THE DEPARTMENT OF AGRICULTURE FISHERIES
(33) Name of priority country	:Australia	AND FORESTRY
(86) International Application No	:PCT/AU2011/000536	Address of Applicant : Primary Industries Building 80 Ann
Filing Date	:10/05/2011	Street Brisbane Queensland 4000 Australia
(87) International Publication No	:WO 2011/140589	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)STANLEY Roger Anthony
Number		2)WIJESINGHE Bandupala
Filing Date	:NA	3)MEREDDY Kodanda Ram Reddy
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		ł

(54) Title of the invention : PLANT BASED ELECTROLYTE COMPOSITIONS

(57) Abstract :

This invention relates inter alia to various plant based electrolyte compositions methods of preparing them and methods of using them. One embodiment concerns a plant based electrolyte composition comprising a plant derived electrolyte content high in potassium relative to sodium and a plant derived carbohydrate content less than about 6% weight/volume. Another embodiment concerns a method for re hydrating an individual or preventing dehydration or over hydration of an individual or for preventing or treating potassium deficiency in an individual by administering to the individual a plant based electrolyte composition. The electrolyte compositions can be prepared from sugarcane juice sugar beet juice sweet sorghum juice palm syrup maple sap vegetable juice or fruit juice.

No. of Pages : 25 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : USE OF A FERMENTED SOY EXTRACT FOR MANUFACTURE OF A PREBIOTIC COMPOSITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		 (71)Name of Applicant : 1)MICROBIO CO. LTD. Address of Applicant :14F 1 No.3 Yuan Qu St. Taipei Taiwan 115 China (72)Name of Inventor : 1)CHUANG Ming Hong 2)YU Cheng Der Tony
Filing Date	:20/07/2011	3)LU Kung Ming
(87) International Publication No	:WO 2012/009961	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Use of a fermented soy extract for manufacture of a prebiotic composition to protect beneficial bacteria in the gastrointestional tract of an animal is disclosed. Also disclosed is a pharmaceutical composition comprising a fermented soy extract and an antibiotic.

No. of Pages : 24 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:F03D1/06	(71)Name of Applicant :
(31) Priority Document No	:10 2010 030 472.7	1)REPOWER SYSTEMS SE
(32) Priority Date	:24/06/2010	Address of Applicant : Addressering 10 22297 Hamburg
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/002994	(72)Name of Inventor :
Filing Date	:17/06/2011	1)WEITKAMP Roland
(87) International Publication No	:WO 2011/160793	2)QUELL Peter
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ROTOR BLADE DE ICING

(57) Abstract :

The invention relates to a rotor blade (10) of a wind power plant having a first and a second duct (16 17) running inside the rotor blade (10) for conducting an air flow (21 22). The invention also relates to a method for de icing a rotor blade (10) of a wind power plant. The rotor blade according to the invention has a partition device (15) which separates the ducts (16 17) from one another such that the first duct (16) is arranged on a first side of the partition device (15) at the pressure side (26) of the rotor blade (10) and the second duct (17) is arranged on a second side of the partition device (15) at the suction side (25) of the rotor blade (10). The method according to the invention is characterized in that the flow speed of the air flow provided in the first and the second duct (16 17) is predefined at least in portions of the rotor blade (10).

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

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : IMPROVEM	ENT OF SPLIT VALVES	5
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (27) Internet Publication No 	:1011991.5 :16/07/2010 :U.K. :PCT/GB2011/051026 :31/05/2011	 (71)Name of Applicant : 1)CHARGEPOINT TECHNOLOGY LIMITED Address of Applicant :Unit 80 Venture Point Evans Road Liverpool Merseyside L24 9PB U.K. (72)Name of Inventor : 1)YATES Lee
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2012/007732 :NA :NA :NA :NA	

(57) Abstract :

Valve assembly (10) comprises two valve portions an upper and lower valve portion (12 14) each having a valve housing indicated generally at (16 18) which are generally annular and a valve closure member (20 20) which is pivotaily mounted within the housing. The valve closure member (20 20) is in the form of an annular disc and is provided with spindles (22 22) by means of which the valve closure member is pivotaily mounted within the housing. The valve closure member (20 20) and the spindles (22 22) are machined from a single piece of metal.

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

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : COUPLING MECHANISM FOR A PCB MOUNTED MICROWAVE RE ENTRANT RESONANT CAVITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H01P1/205,H01P1/208 :10305699.0 :29/06/2010 :EPO :PCT/EP2011/060266 :21/06/2011 :WO 2012/000822 :NA :NA :NA	 (71)Name of Applicant : 1)ALCATEL LUCENT Address of Applicant :3 avenue Octave GrÃard F 75007 Paris France (72)Name of Inventor : 1)KOKKINOS Titos
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A coupling mechanism to feed microwave signals to a 3 D PCB mounted resonant cavity. The microwave signals are coupled from a transmission line (61) embedded in a Printed Circuit Board PCB (67) to a resonant cavity (60) mounted on an external metalized surface (73) of this PCB. The coupling mechanism implements an easy to fabricate mechanism leading to high quality filtering owing to the fact that the end of the transmission line is provided with a metalized feeding pad (63/71) located at the external layer of the PCB inside the resonant cavity. The resonant cavity is provided with a re¬ entrant inner stub (64) orthogonal to the PCB and separated from the PCB by a capacitive gap (66). The metalized feeding pad (63) is facing the inner stub in the area of the capacitive gap and is offset from the axial direction of this inner stub. The metalized feeding pad (63 71) is further separated from the external metalized surface of the PCB by a surface capacitive gap (74).

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

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : UREA CONTAINER COMPRISING ULTRASOUND SENSOR (51) International classification :G01F23/296,F01N3/20 (71)Name of Applicant : 1)EMITEC GESELLSCHAFT FÃR (31) Priority Document No :10 2010 035 008.7 EMISSIONSTECHNOLOGIE MBH (32) Priority Date :20/08/2010 (33) Name of priority country :Germany Address of Applicant :HauptstraÃe 128 53797 Lohmar (86) International Application No :PCT/EP2011/064047 Germany Filing Date :15/08/2011 (72)Name of Inventor : (87) International Publication No :WO 2012/022721 1)SCHEPERS Sven (61) Patent of Addition to Application 2)HODGSON Jan :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to an apparatus for measuring the filling level (17) of a urea container (1) by determining the distance using sound waves (15) (ultrasound) which are emitted by a sensor (5) and the echo (16) thereof, said apparatus comprising a urea container base (2) and a sump (3) with a physical height (9), wherein the sump (3) is adjacent to the urea container base (2) and is located below the level (14) of the urea container base (2), and the sump (3) furthermore being connected in an open manner to the urea container (1) and being bounded at the bottom by a sump base (4). The sensor (5) is accommodated in the area of the sump (3) and, with a sound-emitting surface (6) for transmission of sound waves (15) and for reception of echoes (16) o of said sound waves (15), is fitted in the urea container (1) such that the sound-emitting surface (6) of the sensor (5) is at most ad jacent to the level (14) of the urea container base (2).

No. of Pages : 31 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:H01J	(71)Name of Applicant :
(31) Priority Document No	:2010-133502	1)HITACHI CONSTRUCTION MACHINERY CO. LTD.
(32) Priority Date	:11/06/2010	Address of Applicant :5-1 Koraku 2-chome Bunkyo-ku
(33) Name of priority country	:Japan	Tokyo 112-8563 Japan
(86) International Application No	:PCT/JP2011/063411	(72)Name of Inventor :
Filing Date	:10/06/2011	1)ICHINOSE Masanori
(87) International Publication No	: NA	2)YASUDA Tomohiko
(61) Patent of Addition to Application	:NA	3)SATOU Takayuki
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : PITCH CONTROL DEVICE FOR ELECTRIC VEHICLE

(57) Abstract :

To suppress a change in a vehicles attitude due to a pitch motion during vehicle braking a pitch control device for an electric vehicle can prevent discontinuous negative acceleration from occurring at a moment of the vehicle stopping by appropriately controlling a braking force of the vehicle thereby effectively controlling the pitch motion of the vehicle and can enhance steering stability while ensuring riding comfort for passengers even when traveling resistance significantly changes according to road surface gradient and when the vehicle weight significantly changes with increases/decreases in the number of drivers and in the quantity of goods loaded.

This pitch control device for an electric vehicle configured to conduct pitch control for suppressing the change in the attitude of the vehicle due to the pitch motion of the electric vehicle controls the vehicle so that a braking/driving torque command value that is....

No. of Pages : 57 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

	Daca	
(51) International classification	:B25C	(71)Name of Applicant :
(31) Priority Document No	:2010-129462	1)Japan Cash Machine Co. Ltd.
(32) Priority Date	:04/06/2010	Address of Applicant :3-15 Nishiwaki 2-chome Hirano-ku
(33) Name of priority country	:Japan	Osaka-shi Osaka 5470035 Japan
(86) International Application No	:PCT/JP2011/002767	(72)Name of Inventor :
Filing Date	:18/05/2011	1)ITO Kenichi
(87) International Publication No	: NA	
(61) Patent of Addition to Application	. NT A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : document transporter

(57) Abstract :

A document transporter has a roller or conveyor belt (4) for driving a bill (1) and a weighting device (7) for pressing the bill (1) against the roller/belt (4). The weighting device (7) includes a ball (6) weighting the bill (1) and a holder (8) rotatably holding the ball (6). The device (7) may further include a spring (15) pressing the ball (6) against the roller/belt (4). The passageway (2) into which the bill (1) is inserted is enclosed by a bottom wall (11) a top wall (12) and side walls (13). The side walls (13) have tapered surfaces (9) at the inlet (16) to the passageway (2). A pair of guide rollers (22) rotatably mounted on the side walls (13) guides the bill (1) by engaging the side edges of the bill (1). The bill (1) fed to the transporter is automatically centered.

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

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : NANO OPTI	C REFRACTIVE OPTIC	S
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G02B27/12 :61/366809 :22/07/2010 :U.S.A. :PCT/US2011/044805 :21/07/2011 :WO 2012/012608 :NA :NA :NA :NA	 (71)Name of Applicant : 1)UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION Address of Applicant :200 Gardner Steel Conference Center Thackeray & Ohara Streets Pittsburgh PA 15260 U.S.A. (72)Name of Inventor : 1)KIM Hong Koo 2)JUNG Yun Suk 3)XI Yonggang

(57) Abstract :

A vertical dipole array structure includes a substrate that supports a film which is not comprised of a negative index metamaterial. The film includes a plurality of tilt oriented portions and apertures. At least two of the tilt oriented portions are separated by an aperture and the tilt oriented portions are configured such that incident radiation is redirected into a negative or positive refraction direction.

No. of Pages : 59 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :05/02/2013

(54) Title of the invention : INFORMATION CARRIER WITH AN OPTICALLY VARIABLE STRUCTURE (VARIANT EMBODIMENTS)

(51) International classification:G07D7/12,B41D3/14(31) Priority Document No:2010132328	 (71)Name of Applicant : 1)FEDERALNOE GOSUDARSTVENNOE UNITARNOE PREDPRIYATIE GOZNAK (FGUP GOZNAK) Address of Applicant :Petropavlovskaya krepost 3 litera V St.Petersburg 197046 Russia (72)Name of Inventor : 1)TRACHUK Arkadiy Vladimirovich 2)CHEGLAKOV Andrey Valerievich 3)KURYATNIKOV Andrey Borisovich 4)PISAREV Alexandr Georgievich 5)MOCHALOV Aleksandr Igorievich 6)PAVLOV Igor Vasilievich 7)SALUNIN Alexey Vitalevich 8)ZHULBITSKY Andrey Vladislavovich 9)RYBIN Konstantin Gennadievich 10)FEDOROVA Elena Mikhailovna 11)RYTIKOVA Anna Menashevna 12)SHAPINOV Vladimir Ivanovich
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(57) Abstract :

The invention relates to information carriers with an optically variable structure. The information carrier comprises a coating which is in the form of a printed raster, and a three-dimensional raster. The three-dimensional raster is at least partially arranged on the coating. The width of the lines and distance between the lines of the printed and three-dimensional rasters and the mutual orientation of the rasters are selected so as to form a moire image, and when the carrier is viewed at a direct angle to the surface, the coating is fully discernible while the moire image is hid- den. When the carrier is viewed at an acute angle, that part of the coating which is located on the surfaces of the threedimensional raster, which surfaces are arranged parallel to the direction of observation or are shielded from the ob- server by elements of the three-dimensional raster, is not discernible. In this case, that part of the coating which is lo- cated on the surfaces of the three-dimensional raster, which surfaces face the observer and are not shielded from the observer by elements of the three-dimensional raster, is discernible, and, as a result thereof, the moire image becomes visible. The two-colour border of the printed raster is primarily arranged on inclined sections of the three-dimensional raster. When the angle of inclination of the carrier is changed, the effect of movement of the borders of the coloured strips on the carrier is observed.

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

(19) INDIA

(22) Date of filing of Application :04/02/2013

(54) Title of the invention : SINGLE STRANDED NUCLEIC ACID MOLECULE FOR CONTROLLING GENE EXPRESSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	¹ :PCT/JP2011/065737 :08/07/2011 ¹ :WO 2012/005368 :NA	 (71)Name of Applicant : 1)BONAC CORPORATION Address of Applicant :Fukuoka BIO Factory 4F 1488 4 Aikawa machi Kurume shi Fukuoka 8390861 Japan (72)Name of Inventor : 1)OHGI Tadaaki 2)HAYASHI Hirotake 3)SHIROHZU Hisao 4)HAMASAKI Tomohiro 5)ITOH Akihiro 6)SUZUKI Hiroshi
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is a novel nucleic acid molecule capable 0 1 suppressing expression 0 1 a gene and capable of e ncient manufacture. The single-strand nucleic acid molecule contains an expression suppression sequence that inhibits of a target gene, and contains, i n order fiom the 5 end t o the 3 end, a 5 end region (Xc), an inner region (Z) and a 3 (Yc), wherein the inner region (Z) i s constituted b y linking an inner 5 end region (X) and an inner 3 end region (Y), the gion (Xc) i s complementary t o the inner 5 end region (X), the 3 end region (Yc) i s complementary t o the inner 3 end and at least one of the inner region (Z), the 5 end region and the 3 end region includes the aforementioned expression s sequence. B y means of this single-strand nucleic acid molecule, expression of the target gene can be suppressed.

No. of Pages : 176 No. of Claims : 37

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:F01N3/20	(71)Name of Applicant :
(31) Priority Document No	:10 2010 029 834.4	1)ROBERT BOSCH GMBH
(32) Priority Date	:09/06/2010	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/057867	(72)Name of Inventor :
Filing Date	:16/05/2011	1)OFFENHUBER Michael
(87) International Publication No	:WO 2011/154222	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : PRESSURE EQUALIZATION DEVICE FOR HYDRAULIC SYSTEMS

(57) Abstract :

The invention relates to a pressure equalization device (10) for at least one component (12) of a hydraulic system (14) to which liquid is supplied comprising a supply device which contains a pumping unit (16) and supply lines (18) for providing a liquid wherein at least one component (12) supplied with liquid is connected to at least one gas accumulator (20) which is controlled by means of hydraulic system pressure. The claimed pressure equalization device can be used in particular in metering systems that conduct liquid auxiliary agents for exhaust gas after treatment in internal combustion engines.

No. of Pages : 15 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B41B :NA :NA :NA :PCT/JP2011/055331 :08/03/2011 : NA :NA	 (71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyota-cho Toyota-shi Aichi-ken 471-8571 Japan (72)Name of Inventor : 1)SAITO Tatsuya 2)SANO Toshinari 3)YAMAMOTO Masafumi 4)IJICHI Akira
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : BELT-TYPE CONTINUOUSLY VARIABLE TRANSMISSION

(57) Abstract :

A belt-type continuously variable transmission in which a sheave is not inclined even if it is heated. The transmission comprises: a fixed sheave integrally formed with a rotary shaft; a movable sheave fitted onto the rotary shaft in a manner to slide in an axial direction; a belt interposed between the movable sheave and the fixed shave to transmit power; and a bush interposed between the rotary shaft and the movable sheave to allow the movable sheave to slide on the rotary shaft. The bush is formed to have a smaller coefficient of thermal expansion at an axial end portion thereof in the vicinity of a contact face of the movable sheave to which the belt is contacted in comparison with that at the other axial end portion.

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

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR EXTRACTION OF MATERIAL FROM A SAPINDACEA FAMILY FRUIT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country		 (71)Name of Applicant : 1)TORO RESTREPO Jaime Address of Applicant :Transversal 35 No. 72 113 MedellÂn Antioquia COLUMBIA 2)JIMENEZ MARTINEZ James Alberto
 (86) International Application No Filing Date (87) International Publication 	:PCT/IB2011/000964 :05/05/2011 :WO 2011/141788	3)ECHEVERRI LOPEZ Luis Fernando 4)ZAPATA PORRAS Sandra Patricia (72)Name of Inventor : 1)TORO RESTREPO Jaime
No (61) Patent of Addition to Application Number Filing Date	:NA :NA	2)JIMENEZ MARTINEZ James Alberto 3)ECHEVERRI LOPEZ Luis Fernando 4)ZAPATA PORRAS Sandra Patricia
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention of the present application provides a standardized method to obtain a material from family fruits wherein the material is utilized by itself or in combination with other compounds to make preparations. The material by itself has surfactant emulsifying and foaming properties among others. In addition the invention provides a preparation wherein the material is used in combination with extract. The preparation enhances the ability of the extract to kill and prevent fungi and to kill and repel insects and mites.

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :05/02/2013

(54) Title of the invention : 4 [2 [[5 METHYL 1 (2 NAPHTALENYL) 1H PYRAZOL 3 YL]OXY]ETHYL]MORPHOLINE HYDROCHLORIDE AMORPHOUS SOLID FORMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C07D231/22,A61P25/16,A61P25/00 :10382225.0 :09/08/2010 :EPO :PCT/EP2011/063583 :08/08/2011 :WO 2012/019984 :NA :NA :NA	 (71)Name of Applicant : 1)LABORATORIOS DEL DR. ESTEVE S.A. Address of Applicant :Avda. Mare de DÃu de Montserrat 221 E 08041 Barcelona Spain (72)Name of Inventor : 1)BENET BUCHHOLZ Jordi 2)PUIG FERNANDEZ Laura
Filing Date	:NA	

(57) Abstract :

The present invention relates to solid forms having a low degree of crystallinity or substantially amorphous of the hydrochloride salt of 4 [2 [[5 methyl 1 (2 naphthalenyl) 1H pyrazol 3 yl]oxy]ethyl]morpholine (P027) and processes for their preparation.

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

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : DEVICE FOR CLOSING OFF AN OPENING HAVING FLEXIBLE RETAINING ELEMENTS			
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60J1/16 :1054926 :21/06/2010 :France :PCT/EP2010/063992 :22/09/2010 :WO 2011/160701 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ADVANCED COMFORT SYSTEMS FRANCE SAS ACS FRANCE Address of Applicant :Parc dActività du Moulin Jacquet 5 7 	

(57) Abstract :

The invention relates to a device for closing off an opening formed in a structure comprising an essentially flat fixed part (11) in which an aperture is defined and at least one sliding panel (12) which is guided along two rails (114 115) mounted on one face of said fixed panel between at least a closed position that closes off said aperture and an open position which uncovers said aperture. At least one of said rails (114) at each of its ends bears a closure end piece (131 132) to which a first end of a flexible or semi rigid first element (141 142) is secured the second end of which element is intended to be secured to said structure.

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

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : WEB PAGE SUPPLYING SYSTEM WEB PAGE SUPPLYING METHOD AND RECORDING MEDIUM WITH CONTROL PROGRAM STORED THEREIN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06F13/00 :2010133719 :11/06/2010 :Japan :PCT/JP2010/064584 :27/08/2010 :WO 2011/155081 :NA :NA	 (71)Name of Applicant : 1)HITACHI LTD. Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku Tokyo 1008280 Japan (72)Name of Inventor : 1)SHIONOYA Tomotaka 2)EGI Masashi 3)NAKAMURA Tomohiro
1 (01110)01	:NA :NA :NA	

(57) Abstract :

Disclosed is a web page supplying system provided with a web server and a management server wherein the web server has stored therein control information indicating whether or not to insert adding information into a web page requested by a client apparatus refers to the stored control information when receiving a browsing request evaluates whether or not to insert the adding information into the web page to be transmitted to the client apparatus requesting the web page and controls when an evaluation is made not to insert the adding information into the web page an adding information inserting means such that the adding information is not inserted into the web page.

No. of Pages : 56 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : POWER RAIL ARRANGEMENT (51) International classification :B60M1/20,B60M1/24,B60M1/30 (71)Name of Applicant : (31) Priority Document No :10 2010 033 451.0 1)FURRER + FREY AG Address of Applicant : Thunstrasse 35 CH 3000 Bern 6 (32) Priority Date :05/08/2010 (33) Name of priority country :Germany Switzerland (86) International Application (72)Name of Inventor : :PCT/EP2011/003633 No **1)FURRER Beat** :20/07/2011 Filing Date 2)GILGEN Marc (87) International Publication :WO 2012/016640 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 fasten a power rail to a retaining part of a supporting unit by the engagement of laterally protruding arms (23 26) of the power rail (2) a retaining element (3) having an opening (22) is provided and a sliding element (24) having an opening (26) is provided. The sliding element (24) can be coupled to the retaining part (3) in a positive locking manner and in particular by means of a dovetail guide (28) wherein the sliding element (24) can be moved relative to the retaining part (3) in the longitudinal direction of the power rail (2). An elastic compression element (30) is inserted into a hole of the retaining part (3) and engages in a hole (32) of the sliding element (24) by means of a projection (31) and thereby fixes the relative position between the retaining part (3) and the sliding element (24).

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SHAPED CUTTING ELEMENTS FOR EARTH BORING TOOLS EARTH BORING TOOLS INCLUDING SUCH CUTTING ELEMENTS AND RELATED METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:E21B10/567,E21B10/62 :61/371554 :06/08/2010 :U.S.A. :PCT/US2011/046820 :05/08/2011 :WO 2012/019141 :NA	 (71)Name of Applicant : 1)BAKER HUGHES INCORPORATED Address of Applicant :P.O.Box 4740 Houston TX 77210 4740 U.S.A. (72)Name of Inventor : 1)LYONS Nicholas J.

(57) Abstract :

Cutting elements for earth boring tools include a volume of polycrystalline diamond material on an end of a substrate base. The volume of polycrystalline diamond material comprises a generally conical surface an apex and flat cutting surface extending from a first point at least substantially substantially proximate the apex to a second point more proximate a lateral side surface of the substrate base. A method of manufacturing such a cutting element is also disclosed.

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

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CUTTING ELEMENTS INCLUDING NANOPARTICLES IN AT LEAST ONE PORTION THEREOF EARTH BORING TOOLS INCLUDING SUCH CUTTING ELEMENTS AND RELATED METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:61/373617 :13/08/2010 :U.S.A. :PCT/US2011/047610 :12/08/2011 :WO 2012/021821 :NA :NA	 (71)Name of Applicant : 1)BAKER HUGHES INCORPORATED Address of Applicant :P.O. Box 4740 Houston TX 77210 4740 U.S.A. (72)Name of Inventor : 1)DIGIOVANNI Anthony A. 2)SCOTT Danny E. 3)CHAKRABORTY Soma 4)AGRAWAL Gaurav
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Cutting elements comprise a multi portion polycrystalline material. At least one portion of the multi portion polycrystalline material comprises a higher volume of nanoparticles than at least another portion. Earth boring tools comprise a body and at least one cutting element attached to the body. The at least one cutting element comprises a hard polycrystalline material. The hard polycrystalline material comprises a first portion comprising a first volume of nanoparticles. A second portion of the hard polycrystalline material comprises a second volume of nanoparticles. The first volume of nanoparticles differs from the second volume of nanoparticles. Methods of forming cutting elements for earth boring tools comprise forming a volume of superabrasive material including forming a first volume of nanoparticles. A second portion of the superabrasive material including forming a first volume of nanoparticles. A second portion of the superabrasive material including forming a first volume of nanoparticles. A second portion of the superabrasive material including forming a first volume of nanoparticles. A second portion of the superabrasive material including forming a first volume of nanoparticles. A second portion of the superabrasive material is formed comprising a second volume of nanoparticles the second volume differing from the first volume.

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

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : BOW SPRING AND SLIDE MECHANISM (51) International classification :F16F1/18,F16C17/02,F16F3/02 (71)Name of Applicant : (31) Priority Document No :2010175722 1)MITSUBISHI STEEL MFG. CO.LTD. (32) Priority Date :04/08/2010 Address of Applicant :2 22 Harumi 3 chome Chuo ku Tokyo (33) Name of priority country :Japan 1048550 Japan (86) International Application No :PCT/JP2011/067701 (72)Name of Inventor : Filing Date :02/08/2011 1)HAZAMA Yuji (87) International Publication No :WO 2012/018025 2)NAGASAWA Kentaro (61) Patent of Addition to **3)HIROKANE Toru** :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The present invention pertains to a DOW spring wmch generates impelling force m a mutual separation direction on the basis of close displacement in the relative contact/estrangement direction of one end section and an other end section, said spring including a plurality 0 1 beam sections extending in an extension direction curving between the one end section and the oth- er end section. The plurality of beam sections are arranged in parallel in a width-ways direction perpendicular t o the contact/es - trangement direction, and in the gaps between beam sections in at least one assembly among assemblies wherein a plurality of beam sections are adjacent t o one another, the width in the width-ways direction (W) of the beam section on the outer side of the bend i s wider than the width in the width-ways direction of the beam section on the outer side of the bend. Additionally, the length in the contact/estrangement direction of the beam section on the outer side of the bend i s shorter than the length in the contact/estrangement direction of the beam section and at least one beam section among the plurality of beam sections are integrally molded on the same plane surface by means of a synthetic resin.

No. of Pages : 48 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ACID ADDITION SALTS OF THE 2 [2 [[(4 METHOXY 2 6 DIMETHYLPHENYL)SULFONYL] (METHYL)AMINO]ETHOXY] N METHYL N [3 (4 METHYLPIPERAZIN 1 YL)CYCLOHEXYL] ACETAMIDE AND THE USE THEREOF AS BRADYKININ B1 RECEPTOR ANTAGONISTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:C07D295/135,A61K31/495,A61P29/00 :10172018.3 :05/08/2010 :EPO :PCT/EP2011/063413 :04/08/2011 :WO 2012/017027 :NA	 (71)Name of Applicant : 1)BOEHRINGER INGELHEIM INTERNATIONAL GMBH Address of Applicant :Binger StraÃe 173 55216 Ingelheim Am Rhein Germany (72)Name of Inventor : 1)PACHUR Thorsten 2)PFRENGLE Waldemar 3)BIRK Manfred 4)SCHNAUBELT Juergen 5)WERTHMANN Ulrike
Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date		

(57) Abstract :

The invention relates to the novel acid addition salts AB of the following free base of formula (A) or the enantiomer thereof with a physiologically acceptable acid B selected from the group consisting of hydrochloric acid, fumaric acid, and o tartaric acid and to the polymorphe, hydrates, and solvates thereof.

No. of Pages : 44 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :06/02/2013

(54) Title of the invention : COMMUNICATION SYSTEM COMMUNICATION CONTROL DEVICE COMMUNICATION METHOD AND MOBILE DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) Priority Date (35) Name of priority country (36) International Application No (51) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application NA (62) Divisional to Application NA NA Filing Date (52) Divisional to Application NA NA 	H04W4/24 (71)Name of Applicant : 1)NTT DOCOMO INC. Address of Applicant :11 1 Nagatacho 2 chome Chiyoda ku Tokyo 1006150 Japan (72)Name of Inventor : 1)WAKUI Michiko 2)ASO Hisayuki 3)SEKIYA Naohiro
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(57) Abstract :

When a communication eligibility unit (216) of an SGSN (20) determines, while a mobile device (10) is communicating, that the mobile device (10) cannot continue communicating on the basis of the communication volume balance, an access point information extraction unit (201) extracts APN information for APNs having a residual communication volume balance, and the extracted APN information is communicated to the mobile device. An access point in formation acqu isition unit (104) of the mobile device (10) acquires the APN information regarding the residual communication volume balance. The next time communication begins, the APN information regarding the residual communication volume balance is sent to the SGSN (20) and communication is carried out. Thus, APN information regarding the residual communication volume balance can be ascertained on the mobile device (10) side, and communication can be carried out on the basis of the APN information regarding the residual communication regarding the residual communication regarding the residual communication regarding the residual communication volume balance can be ascertained on the mobile device (10) side, and communication can be carried out on the basis of the APN information regarding the residual communication volume balance, thereby enabling highly convenient communication connections to be made.

No. of Pages : 85 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : APPARATUS AND METHOD FOR TESTING MULTIPLE SAMPLES

(51) International classification	:E21B43/20,G01N33/24,G01N15/08	(71)Name of Applicant : 1)BP EXPLORATION OPERATING COMPANY
(31) Priority Document No	:10251410.6	LIMITED
(32) Priority Date	:06/08/2010	Address of Applicant : Chertsey Road Sunbury on Thames
(33) Name of priority country	y:EPO	Middlesex TW16 7BP U.K.
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:PCT/GB2011/001153 :29/07/2011	 (72)Name of Inventor : 1)COLLINS Ian Ralph 2)COUVES John William 3)GAGEA Bogdan Costin 4)LAGER Arnaud 5)WEBB Kevin J
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to an apparatus for simultaneously injecting fluids into a plurality of samples of porous media comprising: a plurality of holders for the samples of porous media each holder comprising a sleeve and first and second platens the first platen having an inlet for an injection fluid and the second platen having an outlet for a produced fluid and the samples of porous media being arranged in use in each of the holders such that the first platen and second platen of each holder contact a first and second end of the sample of porous medium respectively the inlet of each first platen being in fluid communication with an injection line for injecting fluid into the sample of porous medium arranged in the holder the outlet of each second platen being in fluid communication with a dedicated effluent line for removing fluid produced from the sample of porous media on line and/or off line analytic.al means for analyzing the fluids injected into each of the samples of porous media on line and/or off line means for analyzing the fluids removed from each of the samples of porous media. A method of simultaneously injecting injection fluid into the samples of porous media.

No. of Pages : 56 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : APPARATUS FOR FILTERING AND/OR CONDITIONING AND/OR PURIFYING A FLUID SUCH AS WATER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Eiling Date 	:06/08/2010 :WO 2012/018321 :NA :NA :NA	 (71)Name of Applicant : 1)GENERAL ECOLOGY INC. Address of Applicant :151 Sherree Boulevard Exton PA 19341 U.S.A. (72)Name of Inventor : 1)BEISWENGER Carl 2)WILLIAMS Richard T.
Filing Date	:NA	

(57) Abstract :

An apparatus for filtering water has an interface and a filtration/purification canister removably mountable thereon. Connecting the canister to the interface automatically opens a check valve permitting water to flow from the interface into and through the canister and then back to and through the interface to an outlet port. Disconnecting the canister from the interface automatically closes the check valve stopping the flow of water. The outlet port may be directly connected to an appliance that uses water eliminating possible contamination that may occur when water is brought indirectly form the outlet port to the appliance. A flapper valve is provided in the canister preventing back flow of fluid from the inlet port of the canister when the canister is not mounted on the interface. The flapper valve also is provided with an actuating means to automatically open the flapper valve when the canister is mounted on the interface.

No. of Pages : 64 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ROTARY COMPRESSOR

(51) International	:F04C29/00.F04C18/32.F04C18/344	(71)Name of Applicant :
classification	.F04C29/00,F04C16/52,F04C16/544	1)TAIHO KOGYO Co. Ltd.
(31) Priority Document No	:2010205183	Address of Applicant :65 Midorigaoka 3 chome Toyota shi
(32) Priority Date	:14/09/2010	Aichi 4718502 Japan
(33) Name of priority country	y:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/JP2011/070787 :13/09/2011	1)GOTO Shingo 2)MASAMURA Takao 3)AKIZUKI Masanori
(87) International Publication No	¹ :WO 2012/036141	4)KANEMITSU Hiroshi
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A rotary compressor (1) is provided with a pair of closing members (11 12) for closing openings in the substantially axial direction of a cylinder (5) and a rotor (6) for rotating by means of a motor and housed within the cylinder (5). Recesses (11C 12C) of equivalent depth are formed on the inner wall surfaces (11A 12A) of the closing members (11 12) and the interiors of the recesses (11C 12C) are filled in with a synthetic resin coating (22). As a result the synthetic resin coating (22) surfaces and the inner wall surfaces (11A 12A) positioned adjacently and to the outside thereof (left side in figure) are coplanar. Thus it is possible to provide a rotary compressor (1) in which seizure of the end surfaces (6A 6B) of the rotor (6) is prevented and for which the cost of production is low.

No. of Pages : 37 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : LOW CHARGEABLE FIBERS AND PROCESS FOR PRODUCTION THEREOF

(51) International classification :D01F6/92,C08K5/521,C08L67/04		(71)Name of Applicant :
(31) Priority Document No	:2010181761	1)TEIJIN LIMITED
(32) Priority Date	:16/08/2010	Address of Applicant :6 7 Minamihommachi 1 chome Chuo
(33) Name of priority country	:Japan	ku Osaka shi Osaka 5410054 Japan
(86) International Application	:PCT/JP2011/068728	(72)Name of Inventor :
No	:12/08/2011	1)KAGEYAMA Yukako
Filing Date	.12/08/2011	2)HONDA Susumu
(87) International Publication	:WO 2012/023594	3)SATAKE Makoto
No		4)KANEKO Hiroaki
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.1 1/2 1	

(57) Abstract :

The purpose of the present invention is to provide low-chargeable fibers having biodegradability. The present inventors found that, when a specific amount of a specific phospholipid that is not known to have antistatic properties is added to a biodegradable polymer and the resulting mixture is formea into fibers having smooth surfaces, the fibers have low chargeability, and the present invention has been completed. The present invention provides fibers which have surfaces having an average porosity of less than 3%, and each of which comprises a biodegradable polymer containing a specific amount of a specific phospholipid.

No. of Pages : 22 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :06/02/2013

(54) Title of the invention : ANTI FLEX ASSEMBLY		
 (54) Title of the invention : ANTI FLEX (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01L1/00 :61/363004 :09/07/2010 :U.S.A.	(71)Name of Applicant : 1)WYKO TIRE TECHNOLOGY INC. Address of Applicant :P.O. Box 130 6435 Hwy. 411 S Greenback Tennessee 37742 U.S.A. (72)Name of Inventor : 1)PAINTER Brian

(57) Abstract :

The Anti Flex Assembly is an assembly for maintaining axial stability in a rotatable expandable and collapsible drum used in tire manufacturing. A cylindrical rod with at least one helical groove is defined in the outer surface of the cylindrical rod and at least one hardened dowel is aligned so as to protrude into the helical groove of the cylindrical rod. A means to maintain the orientation and protrusion of the hardened dowel protruding into the helical groove(s) and a clamping lock is provided to lock the cylindrical rod in place once the desired width of the rotatable expandable and collapsible drum has been set thus providing axial stability of the rotatable expandable and collapsible drum during tire carcass manufacturing.

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

(22) Date of filing of Application :03/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:61/352,333	1)ABRAXIS BIOSCIENCE LLC
· · · ·		
(32) Priority Date	:07/06/2010	Address of Applicant :11755 Wilshire Boulevard Suite 2100
(33) Name of priority country	:U.S.A.	Los Angeles California 90025 UNITED STATES OF
(86) International Application No	:PCT/US2011/037450	AMERICA
Filing Date	:20/05/2011	(72)Name of Inventor :
(87) International Publication No	: NA	1)DESAI Neil P.
(61) Patent of Addition to Application Number	:NA :NA	2)SOON-SHIONG Patrick
Filing Date	.11/12	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : COMBINATION THERAPY METHODS FOR TREATING PROLIFERATIVE DISEASES

(57) Abstract :

The present invention provides combination therapy methods of treating a proliferative disease (such as cancer) comprising a first therapy comprising administering to an individual an effective amount of a taxane in a nanoparticle composition and a second therapy which may include the administration of an effective amount of at least one other agent that modifies the epigenetics in a cell.

No. of Pages : 144 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :03/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:B62J	(71)Name of Applicant :
(31) Priority Document No	:61/348,851	1)GRACO MINNESOTA INC.
(32) Priority Date	:27/05/2010	Address of Applicant :88 11th Avenue NE Minneapolis
(33) Name of priority country	:U.S.A.	Minnesota 55413 UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2011/000960	(72)Name of Inventor :
Filing Date	:27/05/2011	1)KLAPHAKE Andrew J.
(87) International Publication No	: NA	2)KUSCHEL Anthony J.
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DOUBLE-SEALED CROSS-PORT FITTING FOR SERIES PROGRESSIVE DIVIDER VALVE

(57) Abstract :

A double-sealed cross-port fitting for use in a series progressive divider valve comprises an adapter body a passage and a ring segment. The adapter body extends axially from a first end to a second end and includes an adapter segment and a coupling segment. The adapter segment is positioned at the first end and is configured to be coupled to another component. The coupling segment is positioned at the second end extends from the adapter segment and is configured to be inserted into a valve body. The passage extends through the adapter body from the first end to the second end. The ring segment extends radially from the coupling segment and is configured to engage the valve body. The ring segment forms a first seal face between the ring segment and the adapter segment and a second seal face between the ring

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

(19) INDIA

(22) Date of filing of Application :03/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR THE DIAGNOSIS OF EPITHELIAL CANCERS BY THE DETECTION OF Ep-ICD POLYPEPTIDE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B :61/330,966 :04/05/2010 :U.S.A. :PCT/CA2011/000511 :04/05/2011 : NA :NA :NA :NA :NA	 (71)Name of Applicant : WALFISH Paul Address of Applicant :68 Yorkville Avenue Suite 402 Toronto Ontario M5R 3V7 Canada RALHAN Ranju (72)Name of Inventor : WALFISH Paul RALHAN Ranju
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(57) Abstract :

Methods for detecting diagnosing and monitoring an epithelial cancer in a patient are described comprising measuring in a sample from the patient EpICD polypeptides and EpICD polynucleotides. The invention also provides kits and compositions for carrying out the methods of the invention.

No. of Pages : 84 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :03/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:B62J	(71)Name of Applicant :
(31) Priority Document No	:61/348,851	1)GRACO MINNESOTA INC.
(32) Priority Date	:27/05/2010	Address of Applicant :88 11th Avenue NE Minneapolis
(33) Name of priority country	:U.S.A.	Minnesota 55413 UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2011/000957	(72)Name of Inventor :
Filing Date	:27/05/2011	1)KLAPHAKE Andrew J.
(87) International Publication No	: NA	2)KUSCHEL Anthony J.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : CROSS-PORTING CONFIGURATION FOR SERIES PROGRESSIVE DIVIDER VALVE

(57) Abstract :

A series progressive divider valve comprises a valve body having pistons. The valve body comprises a fluid inlet piston bores outlet bores porting and bypass passages. The fluid inlet extends into the valve body. The piston bores extend through the valve body from a first end to a second end and include a piston. The outlet bores extend into the valve body and each comprises first and second sets of outlet bores wherein the outlet bores in each set are connected in an open-loop flow path. The porting forms passageways connecting the piston bores to each other and with the outlet bores such that when high pressure fluid is applied to the inlet each of the pistons reciprocates from the first end to the second end in sequence. The bypass passages each have a first end penetrating an outlet bore and a second end....

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

(22) Date of filing of Application :07/02/2013

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 2010 09470 :28/07/2010 :Ukraine :PCT/UA2011/000059 :26/07/2011 :WO 2012/023916 :NA :NA :NA	 (71)Name of Applicant : 1)OLENICH Maksim Viktorovich Address of Applicant :ul. Ak. Proskury 5 d 11 Kharkov 61085 Ukraine 2)NECHOROSHEV Boris Georgievich (72)Name of Inventor : 1)OLENICH Maksim Viktorovich 2)NECHOROSHEV Boris Georgievich
Filing Date	:NA	

(54) Title of the invention : ROTARY PISTON COMPRESSOR

(57) Abstract :

The invention is concerned with the field of constructing compressors and can be used in stationary and portable gas (air) and refrigerating plants, air-conditioners and heat pumps. A rotary piston compressor is proposed, the compressor comprising an epitrochoidal body with a front and a rear lateral cover and with a rotor which is arranged in the cavity of said body and is situated on an eccentric shaft, wherein the body, lateral covers and rotor form variable-volume working chambers, a system for lubricating the working surfaces of the compres- sor, the system having a lubricant-containing housing, a device for atomizing the lubricant in the form of an ejector, the nozzle of which is connected by a pipe to the bottom part of the housing, a system of channels connecting the ejector to the working chambers, and a device for metering the supply of lubricant, in which the lubricant-containing housing is fastened to the rear lateral cover, the ejector is mounted within the housing, and the channel system is in the form of a radial or inclined opening, which is formed in the expansion zone in the body, and an axial opening which is connected to said opening via a large-diameter chamber and passes through the body, the flange of the rear lateral cover and the front flange of the housing, and is connected to the ejector, and radial channels are formed on the working surfaces of the lateral covers in order, via an annular gap formed between the eccentric shaft and rear lateral cover, to connect the housing cavity to the working chambers in the suction period, wherein the device for metering the supply of lubricant is in the form of a spring-loaded valve and slotted flexible ring, primarily made of anti-friction material and having a gap of a specified metering size at the location of the slot, of which valve and ring the spring-loaded valve is mounted in front of the ejector in the above-mentioned large-diameter chamber, and the slotted flexible ring is mounted in the annular gap between the eccentric shaft and rear lateral cover, wherein said annular gap is covered by the ring and the gap of a specified metering size is formed at the location of the slot of said ring. The compressor additionally comprises, within the housing, an additional backup lubricant-spraying means in the form of a pair of gears mounted in the housing.

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

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MULTIPLE JUNCTION PHOTOELECTRIC DEVICE AND ITS PRODUCTION PROCESS

classificationINTEST/0508,N01EST/073,N01EST/02501)ECOLE POLYTECHNIQ(31) Priority Document No:10171263.61)ECOLE POLYTECHNIQ(32) Priority Date:29/07/2010LAUSANNE (EPFL) Address of Applicant :EPFL(33) Name of priority country:EPOCH 1015 Lausanne Switzerland(33) Name of priority country:EPO:DESPEISSE Matthieu(86) International Filing Date:PCT/EP2011/060536:DESPEISSE Matthieu(87) International Publication No:WO 2012/013428:DESPEISSE Matthieu(61) Patent of Addition to Application Number Filing Date:NA:NA(62) Divisional to Filing Date:NA:NA(62) Divisional to Filing Date:NA:NA(62) Divisional to Filing Date:NA:NA(63) Date:NA:NA(64) Patent of Addition Filing Date:NA(72) Name of Inventor : (72) Name of Invent	TTO Quartier de linnovation J
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(57) Abstract :

The present invention relates to a multiple junction photoelectric device comprising in sequence a substrate (4) a first conducting layer (2) at least two elementary photoelectric devices (6 10) at least one of said elementary photoelectric devices (6) being made of microcrystalline silicon and a second conducting layer (8). The first conducting layer (2) has a surface (2b) facing said microcrystalline silicon elementary photoelectric device such that: said surface (2b) has a lateral feature size (D) bigger than 100 nm and a root means square roughness (Rrms) bigger than 40 nm - said surface (2b) comprises inclined elementary surfaces such that a50 is greater than 20° where aso is the angle for which 50% of the elementary surfaces of the first conducting layer (2) have an inclination equal to or less than this angle and said surface (2b) comprises valleys being formed between two elementary surfaces and having a radius of curvature smaller than 100 nm. Moreover said microcrystalline silicon elementary photoelectric device (6) comprises on the incoming light side a p type layer being made of at least one silicon alloy SiMx where M is O C N and x> 0.1 said p type layer containing silicon grains.

No. of Pages : 34 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR DETECTING AMYLOID PROTEINS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/US2011/047628 :12/08/2011 :WO 2012/024188 :NA :NA	 (71)Name of Applicant : 1)COGNOPTIX INC. Address of Applicant :20 Main Street Acton MA 01720 U.S.A. (72)Name of Inventor : 1)HARTUNG Paul D. 2)VALVO Vincent 3)KERBAGE Charles 4)CAGLE Gerald D. 5)NILAN Dennis J.
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(57) Abstract :

In accordance with an embodiment of the invention there is provided a device and method for detecting an amyloid protein in an eye of a mammal. A method comprises illuminating the eye with a light source having at least one of a wavelength property a polarization property or a combination thereof each appropriate to produce fluorescence in at least an amyloid binding compound when the amyloid binding compound is bound to the amyloid protein the amyloid binding compound having been introduced to the eye and specifically binding to the amyloid protein indicative of the amyloidogenic disorder; and determining a time decay rate of fluorescence for at least the fluorescence produced by the amyloid binding compound bound to the amyloid protein the determining permitting distinguishing of the presence of the amyloid binding compound bound to the amyloid protein in the eye based on at least the time decay rate.

No. of Pages : 75 No. of Claims : 105

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : COMPOSITIONS FOR FECAL FLORAL TRANSPLANTATION AND METHODS FOR MAKING AND USING THEM AND DEVICES FOR DELIVERING THEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:A61K35/12,A61K35/24,B65D81/18 :2010903474 :04/08/2010 :Australia	 (71)Name of Applicant : 1)BORODY Thomas Julius Address of Applicant :Level 1 229 Great North Road Five Dock NSW 2046 Australia (72)Name of Inventor : 1)BORODY Thomas Julius
(86) International Application No Filing Date	:PCT/AU2011/000987 :04/08/2011	
(87) International Publicatio No	ⁿ :WO 2012/016287	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	
(57) Abstract :		

(57) Abstract :

In alternative embodiments, the invention provides compositions, e.g., formulations, used for gastric, gastrointesti- nal and/or colonic treatments or lavage, e.g., orthostatic lavage, e.g., for inducing the purgation (e.g., cleansing) of a gastrointesti- nal (GI) tract, including a colon; and methods for making and using them. In alternative embodiments, compositions and methods of the invention are used for the stabilization, amelioration, treatment and/or prevention of constipation, for the treatment of ab- dominal pain, particularly non-specific abdominal pain, and diarrhea, including diarrhea caused by a drug side effect, a psycholog- ical condition, a disease or a condition such as Crohns Disease, a poison, a toxin or an infection, e.g., a toxin-mediated travelers diarrhea, or C.difficile or the pseudo-membranous colitis associated with this infection. In alternative embodiments, the invention provides pharmaceuticals and products (articles) of manufacture for delivering these compositions and formulations to an individ- ual, e.g., a human or an animal. The invention also provides devices for delivering a fecal material to a patient.

No. of Pages : 54 No. of Claims : 43

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYNTHETIC NANOCARRIER COMBINATION VACCINES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61K9/14,A61K39/00,A61K39/385 :61/348728 :26/05/2010 :U.S.A. :PCT/US2011/038218 :26/05/2011 :WO 2011/150264 :NA :NA :NA	 (71)Name of Applicant : 1)SELECTA BIOSCIENCES INC. Address of Applicant :480 Arsenal Street Building One Watertown MA 02472 U.S.A. (72)Name of Inventor : 1)BRATZLER Robert L. 2)LIPFORD Grayson B. 3)JOHNSTON Lloyd 4)ZEPP Charles
Filing Date	:NA	

(57) Abstract :

Disclosed are dosage forms and related methods that include a first population of synthetic nanocarriers that have one or more first antigens coupled to them one or more second antigens that are not coupled to the synthetic nanocarriers and a pharmaceutically acceptable excipient.

No. of Pages : 74 No. of Claims : 64

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(34) The of the invention . BOCKET-TT	I E JAW CRUSIIER	
(51) International classification	:B68F	(71)Name of Applicant :
(31) Priority Document No	:2010-114824	1)KABUSHIKI KAISHA ITO SHOKAI
(32) Priority Date	:18/05/2010	Address of Applicant :9-4 Iriya 8-chome Adachi-ku Tokyo
(33) Name of priority country	:Japan	1210836 Japan
(86) International Application No	:PCT/JP2011/061349	(72)Name of Inventor :
Filing Date	:17/05/2011	1)KATSUHIRO ITO
(87) International Publication No	: NA	2)MAKOTO ISHIOKA
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.1NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : BUCKET-TYPE JAW CRUSHER

(57) Abstract :

The present invention relates to improvement to a bucket-type jaw crusher used for treatment of slag and other waste. In a bucket-type jaw crusher provided with a bucket (1) attached to an arm of a construction machine, a fixed jaw (5) fixed in the bucket, and a moving jaw (6) opposed to the fixed jaw (5) and pivotally supported on the top by an eccentric shaft (7) and supported on the bottom by a toggle mechanism and crushing slag and other materials to be crushed by reciprocating swing of the moving jaw (6), a motor (9) for rotating the eccentric shaft (7) forward and reverse is provided in the bucket and crushing control means is provided which automatically rotates the eccentric shaft (7) in reverse by the motor (9) and then, rotates the shaft forward when crushing the material to be crushed.

No. of Pages : 43 No. of Claims : 7

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYNERGISTIC HERBICIDAL COMPOSITIONS CONTAINING PYROXSULAM AND SULFOSULFURON

(51) International classification:A01N43/90,A01N47/36,A01N25/0(31) Priority Document No (32) Priority Date (33) Name of priority country:61/368089(32) Priority Date (33) Name of priority country:U.S.A.(86) International Filing Date:PCT/US2011/045439(87) International Publication No (61) Patent of Addition to Filing Date:WO 2012/015854(87) International Filing Date:WA(87) International Publication No (61) Patent of Addition to Filing Date:NA(62) Divisional to Filing Date:NA(52) Divisional to Filing Date:NA(57) Alteinet: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)YADAV Mayank 2)RAMACHANDRAN Suresh 3)GAST Roger
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(57) Abstract :

An herbicidal composition containing (a) pyroxsulam and (b) sulfosulfuron provides synergistic control of selected weeds in cereals.

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

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PRIVACY PROTECTION PACKET FOR HOLDING SECURITY DEVICES (51) International classification :B65D75/58 (71)Name of Applicant : 1)AVERY DENNISON CORPORATION (31) Priority Document No :61/371310 (32) Priority Date :06/08/2010 Address of Applicant :150 N. Orange Grove Blvd. Pasadena (33) Name of priority country CA 91103 U.S.A. :U.S.A. :PCT/US2011/046979 (72)Name of Inventor: (86) International Application No Filing Date :08/08/2011 1)TIEDMANN Heiko (87) International Publication No :WO 2012/019199 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to a flexible packaging arrangement for use with security devices. The flexible packaging may include an packet or sleeve in which a plurality of overlapping perforations or cuts may be used to break or render the security device inoperable after repeated bends or application of force to the flexible package to thereby protect the privacy of the consumer and to prevent inadvertent triggering of an alarm system after a legitimate purchase of the device.

No. of Pages : 21 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : FOOD BASED HOMOGENIZER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	¹ :PCT/US2011/046908 :08/08/2011 ¹ :WO 2012/030480 :NA :NA	 (71)Name of Applicant : 1)HEALTHY FOODS LLC Address of Applicant :30339 Diamond Parkway Suite 105 Cleveland OH 44139 U.S.A. (72)Name of Inventor : 1)MACHOVINA Brian Louis 2)JOHNSON Robert 3)SCHMIDT Robert 4)BREEDEN Winston 5)WHITNER Douglas Edward 6)MCHALE Eileen
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(57) Abstract :

A food homogenizer is provided, including a base with a driving motor and a homogenizer assembly removably coupled to the base. The homogenizer assembly includes a homogenizing chamber, an inlet chute, and an exit spout. A shredder is disposed within the homogenizing chamber and is driven by the driving motor to homogenize food ingredients into a soft texture with a similar consistency as ice cream or sherbet.

No. of Pages : 42 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : NOVEL SYNTHESIS FOR THIAZOLIDINEDIONE COMPOUNDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D277/24 :61/372282 :10/08/2010 :U.S.A. :PCT/US2011/047010 :09/08/2011 :WO 2012/021476 :NA :NA :NA :NA	 (71)Name of Applicant : METABOLIC SOLUTIONS DEVELOPMENT COMPANY LLC Address of Applicant :161 East Michigan Avenue 4th Floor Kalamazoo MI 49007 U.S.A. (72)Name of Inventor : TANIS Steven P. PARKER Timothy GADWOOD Robert C. ARTMAN Gerald D. III ZELLER James R.
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(57) Abstract :

The present invention provides novel methods for synthesizing PPAR sparing compounds e.g. thiazolidinediones that are useful for preventing and/or treating metabolic disorders such as diabetes obesity hypertension and inflammatory diseases.

No. of Pages : 54 No. of Claims : 56

(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHODS AND DEVICES FOR MARKING AND AUTHENTICATING A PRODUCT BY A CONSUMER

(57) Abstract :

The product marking method comprises: a step of forming on or in said product a copy robust mark with a first resolution; a step of forming on or in said product a copy fragile mark with a second resolution greater than the first resolution; a step of capturing an image of said robust mark of said fragile mark and of another portion of the product; and a step of storing information representative of the image of said robust mark of said fragile mark and of said other portion. In certain embodiments during at least one forming step the position of the mark formed during this forming step relative to the other image portion is random.

No. of Pages : 34 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :06/02/2013

(54) Title of the invention : OXADIAZOLE INHIBITORS OF LEUKOTRIENE PRODUCTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority 	:C07D413/10,C07D413/14,C07D417/12 :61/373925 :16/08/2010 :U.S.A.	Address of Applicant :Binger Strasse 173 55216 Ingelheim am Rhein Germany (72)Name of Inventor : 1)BARTOLOZZI Alessandra
country (86) International Application No Filing Date (87) International Publication No	:PCT/US2011/047356 :11/08/2011 :WO 2012/024150	2)BOSANAC Todd 3)CHEN Zhidong 4)DE LOMBAERT Stephane 5)HUBER John D. 6)LO Ho Yin 7)LOKE Pui Leng
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	^D :NA :NA :NA :NA	8)LIU Weimin 9)MORWICK Tina Marie 10)OLAGUE Alan 11)RIETHER Doris 12)TYE Heather 13)WU Lifen 14)ZINDELL Renee

(57) Abstract :

The present invention relates to compound of formula (I): or pharmaceutically acceptable salts thereof wherein R1 R5 are as defined herein. The invention also relates to pharmaceutical compositions comprising these compounds methods of using these compounds in the treatment of various diseases and disorders processes for preparing these compounds and intermediates useful in these processes.

No. of Pages : 328 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : VIDEO ENCODING METHOD VIDEO DECODING METHOD VIDEO ENCODING DEVICE VIDEO DECODING DEVICE AND PROGRAMS 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 (62) Divisional to Application Number Filing Date 	:H04N7/32 :2010180813 :12/08/2010 :Japan :PCT/JP2011/068286 :10/08/2011 :WO 2012/020800 :NA :NA :NA	 (71)Name of Applicant : 1)NIPPON TELEGRAPH AND TELEPHONE CORPORATION Address of Applicant :3 1 Otemachi 2 chome Chiyoda ku Tokyo 1008116 Japan (72)Name of Inventor : 1)MATSUO Shohei 2)BANDOH Yukihiro 3)TAKAMURA Seishi 4)JOZAWA Hirohisa
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(57) Abstract :

The present invention enables residual energy from motion compensating inter-screen prediction to be reduced and encoding efficiency to be improved, by the use a region division-type adaptive interpolation filter that takes into consideration edge characteristics of an image. A n edge calculation unit calculates edge information film reference image data that indicates motion vectors. Based on the edge information, a region division unit adaptively divides frames to be encoded into a plurality of regions which become units to which an interpolation filter is ap plied. A filter coefficient optimizing unit optimizes an in terpolation filter with decimal-accuracy pixels, in region units. A reference image interpolation unit interpolates decimal-accuracy pixels for a reference image, using the optimized interpolation niter, and a prediction encoding unit performs prediction encoding based on motion predic tion with decimal accuracy.

No. of Pages : 60 No. of Claims : 8

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ASYMMETRIC MEMBRANES FOR USE IN NANOFILTRATION

(51) International classification	:B01D71/62,B01D67/00,B01D69/14	(71)Name of Applicant : 1)IMPERIAL INNOVATIONS LIMITED
(31) Priority Document No	:1012080.6	Address of Applicant :Level 12 Electrical and Electronic
(32) Priority Date	:19/07/2010	Engineering Building Imperial College Exhibition Road London
(33) Name of priority country	y:U.K.	SW7 2PG U.K.
(86) International Application No Filing Date	:PCT/GB2011/051361 :19/07/2011	(72)Name of Inventor :1)LIVINGSTON Andrew Guy2)BHOLE Yogesh Suresh
(87) International Publication	¹ :WO 2012/010886	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Improved integrally skinned asymmetric membranes for organic solvent nanofiltration and their methods of preparation and use are disclosed. Membranes are formed from polybenzimidazoles by phase inversion and are then crosslinked by addition of crosslinking agents. These stabilise the membranes and allow solvent nanofiltration to be maintained even in the solvents from which the membranes were formed by phase inversion and in strongly acidic and strongly basic solvents.

No. of Pages : 43 No. of Claims : 41

(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : VIDEO ENCODING METHOD VIDEO DECODING METHOD VIDEO ENCODING DEVICE VIDEO DECODING DEVICE AND PROGRAMS FOR SAME

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	H04N7/32 2010180814 12/08/2010 Japan PCT/JP2011/067963 05/08/2011 WO 2012/020708 NA NA NA NA	 (71)Name of Applicant : 1)NIPPON TELEGRAPH AND TELEPHONE CORPORATION Address of Applicant :3 1 Otemachi 2 chome Chiyoda ku Tokyo 1008116 Japan (72)Name of Inventor : 1)MATSUO Shohei 2)BANDOH Yukihiro 3)TAKAMURA Seishi 4)JOZAWA Hirohisa
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(57) Abstract :

This video encoding device enables residual energy from motion compensating intra screen prediction to be reduced and the encoding efficiency to be increased during image encoding where the optimum value for an interpolation filter coefficient in time space changes. In the video encoding device a region division unit selects one region division method at a time in order from a plurality of prepared region division methods and divides a region with images to be encoded. An interpolation filter coefficient switching unit switches an interpolation filter with decimal accuracy pixels for each divided region and prediction encodes using a prediction encoding unit. A region division method. The prediction encoding unit and a variable length encoding unit use the selected region division method to encode the images to be encoded. Information that shows the region division method is also variable length encoded and sent to a decoder.

No. of Pages : 54 No. of Claims : 11

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:12/797,483	1)AMAZON TECHNOLOGIES INC.
(32) Priority Date	:09/06/2010	Address of Applicant : P.O. Box 8102 Reno Nevada 89507
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/037158	(72)Name of Inventor :
Filing Date	:19/05/2011	1)SCHREMPP Michael W.
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : POWER ROUTING DEVICE FOR EXPANSION SLOT OF COMPUTER SYSTEM

(57) Abstract :

A power routing device includes one or more mounting portions and one or more power routing portions. At least one of the mounting portions can be mounted in an expansion slot of a circuit board assembly. The power routing portion can route electrical power to the circuit board assembly. In one embodiment the expansion slot is a slot for a PCI expansion card.

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

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:10166012.4	1)BASF SE
(32) Priority Date	:15/06/2010	Address of Applicant :67056 Ludwigshafen Germany
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/059770	1)ROHDE Wolfgang
Filing Date	:14/06/2011	2)MIAO Qiang
(87) International Publication No	: NA	3)BITTERLICH Stefan
(61) Patent of Addition to Application	:NA	4)AVERLANT Gauthier Luc Maurice
Number	:NA	5)WAGNER Hans-Günter
Filing Date	.117A	6)RÖSSLER-FEIGEL Beatrice
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : PROCESS FOR CO-OLIGOMERIZATION OF OLEFINS

(57) Abstract :

In a process for co-oligomerization of olefins an olefin starting material comprising olefins with n carbon atoms and olefins with 2n carbon atoms is converted over an olefin oligomerization catalyst to a reaction product. The process is performed under such conditions that the conversion of olefins with 2n carbon atoms is less than 10%. Both the co-oligomer with 3n carbon atoms and the olefin with 2n carbon atoms removed from the reaction product have a high hydroformylatability.

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

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : HERBICIDA	L COMPOSITIONS	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K :10167212.9 :24/06/2010 :EPO :PCT/EP2011/060348 :21/06/2011 : NA :NA :NA :NA :NA	 (71)Name of Applicant : BASF SE Address of Applicant :67056 Ludwigshafen Germany (72)Name of Inventor : EHRHARDT Thomas GROÃMANN Klaus HUTZLER Johannes SIMON Anja HAREMZA Sylke ISHAQUE Michael NEWTON Trevor William 8)REINHARD Robert BOWE Steven KELLER Kyle MUNGER Phil

(57) Abstract :

The present invention relates to herbicidal compositions comprising as herbicide A at least one protoporphyrinogen-IX oxidase inhibitor (PPO inhibitor) and at least one light detoxifying compound B compositions comprising them and their use as herbicides i.e. for controlling harmful plants and also a method for controlling unwanted vegetation which comprises allowing a herbicidal effective amount of said herbicidal composition to act on plants their seed and/or their habitat.

No. of Pages : 66 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : LASER SCANNING APPARATUS AND METHOD OF USE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:PCT/GB2011/001090	 (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)BALL Stephen Leslie
Filing Date	:21/07/2011	
(87) International Publication No	:WO 2012/010839	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	NA NA	

(57) Abstract :

A laser system comprises a housing and a laser. The laser can be positioned in the housing such that its laser beam is transmitted at an angle and its path forms a cone as the housing rotates. The laser device may also contain two or more lasers the angle of each laser may be the same or different and the angular position of each laser may be fixed or variable. The laser system may be stationary or mobile and used in a variety of methods to detect an object or topography and produce a three dimensional image. That information can be further used to provide maps terrain data volumetric measurements landing guidance obstacle avoidance warnings mining profiles and other useful material.

No. of Pages : 49 No. of Claims : 17

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : APPARATUS AND METHODS FOR REAL TIME COMMUNICATION BETWEEN DRILL BIT AND DRILLING ASSEMBLY

(51) International classification	:E21B47/12,E21B47/01,E21B47/00	(71)Name of Applicant : 1)BAKER HUGHES INCORPORATED
(31) Priority Document No	:61/371550	Address of Applicant :PO Box 4740 Houston TX 77210 4740
(32) Priority Date	:06/08/2010	U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2011/046895 :08/08/2011	1)TRINH Tu Tien 2)SULLIVAN Eric
(87) International Publication No	:WO 2012/019182	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	NA NA	

(57) Abstract :

An apparatus made according to one embodiment includes a drill bit that has a cavity at an end thereof and a communication device placed in the cavity wherein the communication device includes a first section and a second section wherein an outer dimension of the second section is greater than an outer dimension of the first section and wherein the second section includes a conduit configured to allow passage of a conductor from the drill bit to a location outside the drill bit so as to provide a direct connection of the conductor from the drill bit.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : MICROORGANISM COMPOSITIONS AND METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (52) Divisional to Application NA NA NA NA 	 (71)Name of Applicant : 1)FBSCIENCES HOLDINGS INC. Address of Applicant :153 N. Main Street Suite 100 Collierville TN 38017 U.S.A. (72)Name of Inventor : 1)GOODWIN Brian B.
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(57) Abstract :

Compositions comprising a first component comprising an agriculturally acceptable complex mixture of dissolved organic material characterized by natural organic matter that is partially humified and at least one agriculturally acceptable microorganism. A method comprising contacting a seed with a first component comprising an agriculturally acceptable complex mixture of dissolved organic material characterized by natural organic matter that is partially humified and at least one agriculturally acceptable microorganism. A method material characterized by natural organic matter that is partially humified and at least one agriculturally acceptable microorganism providing enhancement of at least one of nodulation germination emergence root development and nutrient uptake compared to seed not contacted with the first component or the at least one agriculturally acceptable microorganism.

No. of Pages : 44 No. of Claims : 41

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MULTILAYERED SECURITY ELEMENT WITH VARIABLE OPTICAL EFFECT AND A COUNTERFEIT PROOF DOCUMENT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G09F3/00,G07D7/12,B42D15/00 :2010131795 :29/07/2010 :Russia	 (71)Name of Applicant : 1)FEDERALNOE GOSUDARSTVENNOE UNITARNOE PREDPRIYATIE GOZNAK (FGUP GOZNAK) Address of Applicant :Petropavlovskaya krepost 3 litera V
 (86) International Application No Filing Date (87) International Publication No 	:PCT/RU2010/000732 :06/12/2010 :WO 2012/015330	St.Petersburg 197046 Russia (72)Name of Inventor : 1)TRACHUK Arkadiy Vladimirovich 2)CHEGLAKOV Andrey Valerievich 3)KURYATNIKOV Andrey Borisovich
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	4)PISAREV Alexandr Georgievich 5)OSTREROV Mikhail Anatolievich 6)PAVLOV Yuriy Vasilievich 7)FEDOROVA Elena Mikhailovna 8)TURKINA Elena Samuilovna 9)GUBAREV Anatoliy Pavlovich

(57) Abstract :

The invention relates to counterfeit-proof documents with multilayered security markings. The multilayered security element comprises a flexible base layer with optically variable structures containing two or more groups of recurring images which shift and/or change as the viewing angle changes. The optically variable structures are formed in such a way that when the viewing angle changes, different groups of images move relative to each other. The invention makes it possible to enhance the security of items by means of a novel optical effect which renders the secure object more readily identifiable and is based on the observation of the reciprocal movement of images when the viewing angle change

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

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : VACUOLE TARGETING PEPTIDES AND METHODS OF USE

	COTE14/415 CION15/00	
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:61/379227	1)PIONEER HI BRED INTERNATIONAL INC.
(32) Priority Date	:01/09/2010	Address of Applicant :7100 N.W. 62nd Avenue Johnston Iowa
(33) Name of priority country	:U.S.A.	50131 1014 U.S.A.
(86) International Application No	:PCT/US2011/049639	(72)Name of Inventor :
Filing Date	:30/08/2011	1)CRANE Virginia C.
(87) International Publication No	:WO 2012/030759	2)YALPANI Nasser
(61) Patent of Addition to Application	:NA	3)SANDAHL Jeanne
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

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(57) Abstract :

Compositions and methods for targeting polypeptides to plant vacuoles are provided. Nucleic acid molecules having nucleotide sequences encoding a vacuole targeting peptide variants or fragments thereof are provided. The sequences also can be used for targeting defensin proteins or other polypeptides to vacuoles in plants. Transformed plants plant cells tissues and seed also are provided.

No. of Pages : 60 No. of Claims : 17

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MANUFACTURE OF INTER ALPHA INHIBITOR PROTEINS (IAIP) FROM PLASMA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07K14/81 :61/367331 :23/07/2010 :U.S.A. :PCT/US2011/045099 :22/07/2011 :WO 2012/012773 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BAXTER INTERNATIONAL INC. Address of Applicant :One Baxter Parkway Deerfield IL 60015 U.S.A. 2)BAXTER HEALTHCARE S.A. (72)Name of Inventor : 1)BAIRSTOW Shawn F. 2)HUTSELL Jennifer 3)RAMACHANDRAN Sindhu
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(57) Abstract :

The present invention provides compositions and pharmaceutical formulations of lalp derived from plasma. Also provided are methods for the manufacture of the lalp compositions and formulations as well as method for the treatment of diseases associated with lalp dysfunction.

No. of Pages : 111 No. of Claims : 50

(22) Date of filing of Application :07/02/2013

(54) Title of the invention : METHOD FOR PRODUCING PHENYL SUBSTITUTED HETEROCYCLIC DERIVATIVE BY MEANS OF COUPLING METHOD USING A PALLADIUM COMPOUND

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority 	:C07D277/20,C07D277/56,A61K31/426 :2010190760 :27/08/2010 :Japan	 (71)Name of Applicant : 1)TEIJIN PHARMA LIMITED Address of Applicant :2 1 Kasumigaseki 3 chome Chiyoda ku Tokyo 1000013 Japan (72)Name of Inventor : 1)KOMIYAMA Masato
country (86) International Application No Filing Date	:PCT/JP2011/069250 :26/08/2011	
(87) International Publication No	:WO 2012/026565	
(61) Patent of Addition to	°:NA	
Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a method for producing a xanthine oxidase mhibitor, I which is a therapeutic agent for hyperuricemia, or intermediates of the same, said method being efficient and using a short process. The present invention is a novel coupling ! . 5 method for obtaining a compound represented by formula (3) by bringing about a coupling reaction between a compound represented by formula (1) and a compound represented by formula (2), in the presence of a palladium compound, a ligand capable of coordinating to the palladium compound, a base, a C1-CdO carboxylic acid, and at least one kind of additive.

No. of Pages : 98 No. of Claims : 27

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING ECHO SUPPRESSION IN NETWORK (51) International classification :H04B3/20,H04M9/08 (71)Name of Applicant : **1)ZTE CORPORATION** (31) Priority Document No :201010225130.7 (32) Priority Date :09/07/2010 Address of Applicant :ZTE Plaza Keji Road South Hi Tech Industrial Park Nanshan District Shenzhen Guangdong 518057 (33) Name of priority country :China (86) International Application No :PCT/CN2011/072963 China Filing Date :18/04/2011 (72)Name of Inventor : (87) International Publication No :WO 2012/003734 1)ZHENG Yuxin (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Disclosed are a control and an apparatus for controlling echo suppression in a network, wherein the method of the present invention includes: a called side gateway detects a characteristic sound which indicates data transmission (SI 1); the called side gateway and a calling side gateway perform the corresponding turn on or turn off for their own echo suppression according t o the characteristic sound (SI 2). The calling side gateway or the called side gateway of the present invention performs the operation of controlling echo suppression according to the characteristic sound, which effectively achieves the control of echo suppression. Regardless the characteristic sound is transmitted between the calling side gateway and the called side gateway by the way of lossy encoding or lossless encoding, the control of echo suppression can be achieved in the calling side gateway.

No. of Pages : 20 No. of Claims : 10

(22) Date of filing of Application :05/02/2013

(54) Title of the invention : USE OF SIGMA LIGANDS IN OPIOID INDUCED HYPERALGESIA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:EPO :PCT/EP2011/063286 :02/08/2011 :WO 2012/016980	 (71)Name of Applicant : 1)LABORATORIOS DEL DR. ESTEVE S.A. Address of Applicant :Avda. Mare de DÃu de Montserrat 221 E 08041 Barcelona Spain (72)Name of Inventor : 1)VELA HERNà NDEZ Josà Miguel 2)ZAMANILLO CASTANEDO Daniel 3)PUIG RIERA de CONIAS Margarita
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(57) Abstract :

The invention refers to the use of a sigma ligand particularly a sigma ligand of formula (I) to prevent and/or treat opioid induced hyperalgesia (OIH) associated to opioid therapy.

No. of Pages : 63 No. of Claims : 12

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A POLYMERIC SUBSTRATE HAVING A GLASS LIKE SURFACE AND A CHIP MADE OF SAID POLYMERIC SUBSTRATE

(51) International classification(31) Priority Document No(32) Priority Date	:C08J7/04,C08J7/06,C08J7/12 :10007998.7 :30/07/2010	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075
(33) Name of priority country	:EPO	Japan
(86) International Application No	:PCT/EP2011/003855	2)SONY DADC AUSTRIA AG
Filing Date	:01/08/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/013361	1)FUHRMANN Gerda
(61) Patent of Addition to	:NA	2)NELLES Gabriele
Application Number	:NA	3)ROSELLI Silvia
Filing Date	:NA	4)KNORR Nikolaus
(62) Divisional to Application	:NA	5)PARIS Alfred
Number		6)KAUFMANN Maria
Filing Date	:NA	7)BAUER Georg

(57) Abstract :

The present invention relates to a polymeric substrate having a glass like surface in particular an etched glass like surface and to a chip made of at least one such polymeric substrate. The present invention also relates to a method of providing a polymeric substrate with an etched glass like surface. Moreover the present invention relates to a kit for manufacturing a chip using such polymeric substrate. Moreover the present invention relates to the use of a polymeric substrate having a glass like surface in particular an etched glass like surface for manufacturing a chip.

No. of Pages : 80 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 26/09/2014

(51) International classification	:F25J3/04	(71)Name of Applicant :
(31) Priority Document No	:12/855313	1)PRAXAIR TECHNOLOGY INC.
(32) Priority Date	:12/08/2010	Address of Applicant :39 Old Ridgebury Road Danbury CT
(33) Name of priority country	:U.S.A.	06810 U.S.A.
(86) International Application No	:PCT/US2011/044460	(72)Name of Inventor :
Filing Date	:19/07/2011	1)PROSSER Neil Mark
(87) International Publication No	:WO 2012/021263	2)JIBB Richard John
(61) Patent of Addition to Application	:NA	3)SALGE James Richard
Number	:NA :NA	4)ZAMBRANO Lyda
Filing Date	.11/A	5)WARTA Andrew M.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : AIR SEPARATION METHOD AND APPARATUS

(57) Abstract :

An air separation method and apparatus in which a supercritical oxygen product is produced by heating a pumped liquid oxygen stream having a supercritical pressure through indirect heat exchange with a boosted pressure air stream. The indirect heat exchange is conducted within a heat exchanger and a liquid nitrogen stream is vaporized in the heat exchanger to depress the pressure that would otherwise be required of the boosted pressure air stream to heat the pumped liquid oxygen stream. The pumped liquid oxygen stream constitutes 90 percent of the oxygen rich liquid removed from an air separation unit in which the air is rectified the liquid nitrogen constitutes at least 90 percent of the liquid nitrogen that is not used as reflux and a flow rate ratio between the liquid nitrogen stream and the oxygen rich liquid is between about 0.3 and 0.90.

No. of Pages : 39 No. of Claims : 17

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : FERRITIC STAINLESS STEEL		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 		 (71)Name of Applicant : 1)Nippon Steel & Sumikin Stainless Steel Corporation Address of Applicant :6 1 Otemachi 2 chome Chiyoda ku Tokyo 1000004 Japan (72)Name of Inventor : 1)MATSUHASHI Tooru 2)NAKATA Michio
Filing Date	:NA :NA	

(57) Abstract :

A ferntic stainless steel which comprises, i n mass%, 0.020% or less of C, 0.025% or less of N, 1.0% or less of Si, 1.0% or less of Mn, 0.035% or less of P, 0.01% or less of S, 16.0-25.0% of Cr, 0. 12% or less of Al, 0.05-0.35% of Ti, 0.001 5% or less of Ca, and a remainder made u p by Fe and unavoidable impurities and fulfills a requirement represented by formula (1), and i n which little blackspots are produced in a welded part. B I = 3AI+Ti+0.5Si+200Ca < 0.8 (1) (In formula (1), Al, Ti, Si, C a respectively represent the contents [mass%] o f these components in the steel.)

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : ELECTROMECHANICAL TRANSDUCER COMPRISING A POLYURETHANE POLYMER WITH POLYESTER AND/OR POLYCARBONATE UNITS

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:C08G18/10,C08G18/42,C08G18/44 :10172246.0 :09/08/2010	 (71)Name of Applicant : 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred Nobel Strasse 10 40789 Monheim Germany
(33) Name of priority country	y:EPO	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2011/063571 :05/08/2011	1)WAGNER Joachim 2)JENNINGER Werner 3)DÖRR Sebastian
(87) International Publication No	¹ :WO 2012/019979	
(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 electromechanical transducer comprising a dielectric elastomer with contact by a first electrode and a second electrode wherein the dielectric elastomer comprises a polyurethane polymer. In this case the polyurethane polymer comprises at least one polyester and/or polycarbonate unit. The invention also relates to a process for producing such an electromechanical transducer to the use of the dielectric elastomer used and also to an electrical and/or electronic apparatus comprising an electromechanical transducer according to the invention.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : MODULATORS OF CHK 1 ACTIVITY

(51) International classification:C07D241/26,A61K31/4965,A61P35(31) Priority Document No:1008005.9(32) Priority Date:13/05/2010(33) Name of priority country:U.K.(86) International Filing Date:PCT/GB2011/000739(87) International Filing Date:WO 2011/141716(87) International Filing Date:WA(61) Patent of Addition to Filing Date:NA(62) Divisional to Filing Date:NA(63) Divisional to Filing Date:NA	 (71)Name of Applicant : 1)SENTINEL ONCOLOGY LIMITED Address of Applicant :Suite 52 23 Cambridge Science Park Milton Road Cambridge Cambridgeshire CB4 0EY U.K. (72)Name of Inventor : 1)BOYLE Robert George 2)WALKER David Winter 3)BOYCE Richard Justin
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(57) Abstract :

The invention provides a compound of the formula (1): or a salt N oxide or tautomer thereof; wherein R is cyano or C alkyl; R is hydrogen or C alkyl; R and R are the same or different and each is selected from hydrogen saturated C hydrocarbyloxy; R and R are the same or different and each is selected from hydrogen halogen CN C alkyl and C alkoxy wherein the C alkyl and C alkoxy are each optionally substituted with hydroxy C alkoxy or by one or more flourine atoms; R is hydrogen or C alkyl; Q is an alkylene chain of 1 to 4 carbon atoms in length between the moiety Ar and the nitrogen atom N wherein one or more of the 1 to 4 carbon atoms of the alkylene chain may optionally be substituted with a group CHCH which together with the said one carbon atom forms a cyclopropyl group; m is 1 2 3 or 4; n is 0 or 1; and Ar is a monocyclic or bicyclic aryl or heteroaryl group of 5 to 10 ring members containing 0 1 2 3 or 4 heteroatom ring members selected from O N and S the aryl or heteroaryl group being optionally substituted with one to four substituents R as defined in the claims. The compounds are inhibitors of Chk 1 kinase and are active against cancers.

No. of Pages : 137 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD OF STRENGTHENING EDGE OF GLASS ARTICLE

(=)	PCT/US2011/047505 :12/08/2011	 (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)BOEK Heather Debra 2)MATUSICK Joseph M. 3)PRESTON Michael T. 4)SCHAUT Robert Anthony
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	5)STERNQUIST Daniel Arthur 6)WELLER Mark Owen

(57) Abstract :

A method of strengthening an edge of a glass article while maintaining the optical clarity of the major surfaces or protecting layers or structures deposited on the surfaces of the article. A protective coating or film of a polymer or polymer resin is applied to at least one surface of the glass article. The surface may either be melt derived or polished and/or chemically or thermally strengthened. The edge is etched with an etchant to reduce the size and number of flaws on the edge thereby strengthening the edge. A glass article having an edge strengthened by the method is also provided.

No. of Pages : 45 No. of Claims : 38

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : COMBINATION PHARMACEUTICAL COMPOSITION AND METHODS OF TREATING FUNCTIONAL DISEASES OR CONDITIONS OF GASTROINTESTINAL TRACT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:15/07/2010 :Russia :PCT/IB2011/002178 :15/07/2011 :WO 2012/007839	 (71)Name of Applicant : 1)EPSHTEIN Oleg Iliich Address of Applicant :4 Samotyochny Per. d. 3 kv. 72 Moscow 127473 Russia (72)Name of Inventor : 1)EPSHTEIN Oleg Iliich
Publication No	:WO 2012/007839 :NA :NA :NA	

(57) Abstract :

The preset invention provides a combination pharmaceutical composition comprising a) an activated potentiated form of an antibody to a S 100 protein b) an activated potentiated form of an antibody to histamine and c) an activated potentiated form of an antibody to TNF alpha. Various embodiments and variants are provided. The present invention provides a method of treating a disease or condition of functional etiology of the gastrointestinal tract said method comprising administering to a patient in need thereof a combination pharmaceutical composition comprising a) an activated potentiated form of an antibody to S 100 protein and c) an activated potentiated form of an antibody to TNF alpha. Various embodiments and variants are provided.

No. of Pages : 42 No. of Claims : 59

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROGRAM INFORMATION PROCESSING DEVICE INFORMATION PROCESSING SYSTEM

(51) International classification	:G06F3/042,G06F3/048	(71)Name of Applicant :
(31) Priority Document No	:2010159137	1)YOSHIDA Kenji
(32) Priority Date	:13/07/2010	Address of Applicant :9 14 2302 Koishikawa 1 chome Bunkyo
(33) Name of priority country	:Japan	ku Tokyo 1120002 Japan
(86) International Application No	:PCT/JP2011/066019	(72)Name of Inventor :
Filing Date	:13/07/2011	1)YOSHIDA Kenji
(87) International Publication No	:WO 2012/008505	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is highly useful information processing device reducing the number of user operations and enabling intuitive restore operations by storing an execution environment of a personal computer when a capture is made and associating the captured execution environment a dot pattern and a screen capture. A program executed in the information processing device stores an image displayed by a display means connected to the information processing device in a storage means of the information processing device as well as executing in a control means of the information processing device the following steps on the execution environment of the information processing device: a step wherein the execution environment at the point when the image is stored is stored in the storage means; a step wherein a dot pattern and the image are superimposed; a step wherein a code value and coordinate values are obtained from an optical reading means having read a dot pattern; and step wherein an execution environment is identified using identification information defined by at least a part of the obtained code and the execution environment corresponding to the code value and coordinate values is restored.

No. of Pages : 59 No. of Claims : 17

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD OF PRODUCING RECOMBINANT HIGH MOLECULAR WEIGHT VWF IN CELL CULTURE

 classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C07K14/755;C12N5/00,A61K38/36 :61/362635 :08/07/2010 :U.S.A. :PCT/US2011/043455 :08/07/2011	 (71)Name of Applicant : 1)BAXTER INTERNATIONAL INC. Address of Applicant :One Baxter Parkway Deerfield IL 60015 U.S.A. 2)BAXTER HEALTHCARE S.A (72)Name of Inventor : 1)GRILLBERGER Leopold 2)REITER Manfred 3)MUNDT Wolfgang
(57) Ab strept :		

(57) Abstract :

Among other aspects the present invention relates to cell culture conditions for producing high molecular weight vWF in particular highly multimericWF with a high specific activity and ADAMTS 13 with a high specific activity. The cell culture conditions of the present invention can include for example a cell culture medium with an increased copper concentration and/or cell culture supernatant with a low ammonium (NH4+) concentration. The present invention also provides methods for cultivating cells in the cell culture conditions to express high molecular weight vWF and rA13 having high specific activities.

No. of Pages : 124 No. of Claims : 45

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD DEVICE AND SYSTEM FOR CELL HANDOVER IN TELECOMMUNICATION SYSTEM SUPPORTING CARRIER AGGREGATION

(57) Abstract :

A method, device and system for a cell handover in a telecommunication system supporting carrier aggregation are provided in the present invention. The method for the cell handover may include the following steps: a Base Station (BS) deter mines that whether carrier components corresponding t o one or more cells t o b e accessed are in the same frequency band, wherein the one or more cells to b e accessed belong to a target BS, and are selected by a terminal which needs to perform the cell handover and is served by the BS; if yes, the B S encapsulates configuration information of all the cells in the one or more cells t o be accessed in a handover command for initiating cell handover; otherwise, the B S encapsulates configuration information of one or more cells in the one or more cells in the one or more cells t o b e accessed in a telecommunication system supporting carrier aggregation, a B S including the device and a telecommunication system including the B S thereof.

No. of Pages : 60 No. of Claims : 20

(22) Date of filing of Application :06/02/2013

(54) Title of the invention : COMPOSITIONS COMPRISING AT LEAST ONE COMPOUND CONTAINING A CARBAMOYL SULFONATE GROUP AND USE OF THE SAME AS TANNING AGENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:PCT/EP2011/063023 :28/07/2011 :WO 2012/016907 :NA :NA	 (71)Name of Applicant : 1)LANXESS DEUTSCHLAND GMBH Address of Applicant :51369 Leverkusen Germany (72)Name of Inventor : 1)REINERS Jürgen 2)TYSOE Christopher 3)WIECHMANN Jan Dieter 4)KRÃGER Claudia 5)GROSCH Rafael 6)HEINZELMANN Franz 7)EBBINGHAUS Michael 8)KLEBAN Martin
Number Filing Date	:NA	

(57) Abstract :

The invention relates to an aqueous composition containing a) at least one Compound containing a carbamoyl sulfonate group and b) at least one non-ionic alkoxylated polyol containing ester groups and having a HLB value of at least 13 (bl) o and/or an alkylglycoside (b2).

No. of Pages : 43 No. of Claims : 18

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A FACE DATA ACQUIRER END USER VIDEO CONFERENCE DEVICE SERVER METHOD COMPUTER PROGRAM AND COMPUTER PROGRAM PRODUCT FOR EXTRACTING FACE DATA

(51) International classification	:G06K9/00,G06F17/30	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:NA	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/SE2010/051174	1)FRÖJDH Per
Filing Date	:28/10/2010	2)STRÖM Jacob
(87) International Publication No	:WO 2012/057665	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

It is presented a face data acquirer comprising: an image capture module arranged to capture an image from a video stream of a video conference; a face detection module arranged to determine a subset of the image the subset representing a face; an identity acquisition module arranged to acquire an identity of a video conference participant coupled to the face represented by the subset of the image; and a face extraction module arranged to extract face data from the subset of the image and to determine whether to store the extracted face data for subsequent face recognition. A corresponding end user video conference device server method computer program and computer program product are also provided.

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

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(51) International classification	:F17C5/00,B60P3/22	(71)Name of Applicant :
(31) Priority Document No	:PI10027408	1)CAMILOTTI Daniel
(32) Priority Date	:20/08/2010	Address of Applicant :Rua Estrada da Ilha nº 4830 Bairro
(33) Name of priority country	:Brazil	Pirabeiraba 89239 250 Joinville Santa Catarina Brazil
(86) International Application No	:PCT/BR2010/000379	2)CAMILOTTI FIÃ;vio
Filing Date	:22/11/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2012/021953	1)CAMILOTTI Daniel
(61) Patent of Addition to Application	:NA	2)CAMILOTTI FIÃ;vio
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : COMPACT GAS BOTTLING SYSTEM AND METHOD

(57) Abstract :

The present invention relates to a compact gas bottling system and method (1) which may be set up in any retail establishment for filling the cylinders (3) for direct supply to the consumer or on vehicles for filling the cylinders (3) at the premises where said cylinders are to be used the compact gas bottling system (1) comprising a gas transfer device a reservoir (2) for gas cylinders (3) positioned in closed compartments (4) which enables the consumer to choose the quantity of gas and further eliminates the drawbacks of exchanging a cylinder (3) or of transporting a cylinder to remote premises for refilling.

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

(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SOLVENT RESISTANT POLYAMIDE NANOFILTRATION MEMBRANES

(51) International classification	:B01D71/56,B01D67/00,B01D69/10	(71)Name of Applicant : 1)IMPERIAL INNOVATIONS LIMITED
(31) Priority Document No	:1012083.0	Address of Applicant :Level 12 Electrical and Electronic
(32) Priority Date	:19/07/2010	Engineering Building Imperial College Exhibition Road London
(33) Name of priority country	y:U.K.	SW7 2AZ U.K.
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:PCT/GB2011/051364 :19/07/2011 ¹ :WO 2012/010889 :NA :NA	 (72)Name of Inventor : 1)LIVINGSTON Andrew Guy 2)BHOLE Yogesh Suresh 3)JIMENEZ SOLOMON Maria Fernanda
Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a composite membrane for nanofiltration of a feed stream solution comprising a solvent and dissolved solutes and showing preferential rejection of the solutes. The composite membrane comprises a thin polymeric film formed by interfacial polymerisation on a support membrane. The support membrane is further impregnated with a conditioning agent and is stable in polar aprotic solvents. The composite membrane is optionally treated in a quenching medium where the interfacial polymerisation reaction can be quenched and in certain embodiments membrane chemistry can be modified. Finally the composite membrane is treated with an activating solvent prior to nanofiltration.

No. of Pages : 50 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CONST	TRUCTION 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 	:E02F9/20,E02F9/00,H02K7/14 :2011077596 :31/03/2011 :Japan :PCT/JP2012/057754 :26/03/2012	 (71)Name of Applicant : 1)KOMATSU LTD. Address of Applicant :2 3 6 Akasaka Minato ku Tokyo 1078414 Japan (72)Name of Inventor : 1)IIZUKA Kouya 2)NAGANO Takao

(57) Abstract :

A hydraulic shovel (51) is provided with: an engine unit (40) formed by integrating an engine (2) a hydraulic pump (4) and a generator motor (1); a vehicle body frame section (65); and mount sections (41 42). The hydraulic pump (4) is driven by the drive force of the engine (2). The generator motor (1) has: a rotating shaft (19) disposed between the engine (2) and the hydraulic pump (4) and connected to the output shaft of the engine (2) and to the input shaft of the hydraulic pump (4); a first housing (11) affixed to the engine (2) side; and a second housing (15) affixed to the hydraulic pump (4) side. The vehicle body frame section (65) has the engine unit (40) mounted thereon. The mount sections (41 42) are provided to the engine (2) and the first housing (11) and support the engine unit (40) on the vehicle body frame section (65).

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

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(51) International classification	:B23C5/20	(71)Name of Applicant :
(31) Priority Document No	:12/854382	1)TDY INDUSTRIES INC.
(32) Priority Date	:11/08/2010	Address of Applicant :1000 Six PPG Place Pittsburgh
(33) Name of priority country	:U.S.A.	Pennsylvania 15222 U.S.A.
(86) International Application No	:PCT/US2011/044431	(72)Name of Inventor :
Filing Date	:19/07/2011	1)FANG X. Daniel
(87) International Publication No	:WO 2012/021261	2)DUFOUR Jean Luc
(61) Patent of Addition to Application	:NA	3)WILLS David J.
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ale stag at a		I

(54) Title of the invention : DOUBLE SIDED CUTTING INSERTS FOR HIGH FEED MILLING

(57) Abstract :

A double sided cutting insert with a plurality of indexable convex cutting edges can have a top face and a bottom face at least three convex cutting edges on each face connected by at least three nose corners at least three peripheral side surfaces extending from each face toward a virtual middle plane; and a common lateral seating surface on each peripheral side surface. Each convex cutting edge can have at least a curved cutting edge region and can further have a primary substantially straight cutting edge region intermediate the curved cutting edge region and the nose corner. Each peripheral side surface can further have a primary planar facet associated with the primary substantially straight cutting edge and each face may also be single handed in same direction. Additionally in various embodiments the top and bottom faces of the cutting insert may be formed such that they are twisted or rotated with respect to each other.

No. of Pages : 68 No. of Claims : 38

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ARRANGEMENT AND METHOD FOR CONTROLLING THE QUANTITY OF A REDUCTANT INTRODUCED INTO AN EXHAUST LINE OF AN INTERNAL COMBUSTION ENGINE

(51) International classification (31) Priority Document No	:F01N9/00,F01N3/20,F01N11/00 :10508539	(71)Name of Applicant : 1)Scania CV AB
(32) Priority Date	:13/08/2010	Address of Applicant :S 151 87 SÃdertÃlje Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application	:PCT/SE2011/050938	1)SARBY HÂkan
No Filing Date	:11/07/2011	
(87) International Publication No.	o:WO 2012/021103	
(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 arrangement for controlling the injection of a reducing agent in an exhaust line of a combustion engine (1). The arrangement comprises an injection system (8 12) adapted to injecting the reducing agent into the exhaust line (3) a first catalyst (13) which is adapted to reducing the amount of nitrogen oxides in the exhaust gases in the exhaust line (3) by means of the reducing agent supplied and a second catalyst (14) which is situated downstream of the first catalyst (13) in the exhaust line (3) and converts ammonia in the exhaust gases to nitrogen gas and nitrous oxide. The arrangement comprises a nitrous oxide sensor (17) adapted to monitoring the amount of nitrous oxide present in the exhaust line (3) at a location downstream of the second catalyst (14) and a control unit (10) adapted to controlling the injection system (8 12) so that it adjusts the amount (q) of reducing agent injected into the exhaust line (3) if the sensor (17) detects that the amount of nitrous oxide is at a value which is not within a desired range (A).

No. of Pages : 17 No. of Claims : 18

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : 2 FLUORO SUBSTITUTED CARBA NUCLEOSIDE ANALOGS FOR ANTIVIRAL TREATMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A61K31/706,C07H7/06,C07H21/04 :61/382145 :13/09/2010 :U.S.A. :PCT/US2011/051249 :12/09/2011	 (71)Name of Applicant : 1)GILEAD SCIENCES INC. Address of Applicant :333 Lakeside Drive Foster City CA 94404 U.S.A. (72)Name of Inventor : 1)CLARKE Michael O Neil Hanrahan 2)KIM Choung U. 3)LEW Willard
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

Provided are methods for treating Orthomyxoviridae virus infections by administering ribosides riboside phosphates and prodrugs thereof of Formula I wherein R is halogen. The compounds compositions and methods provided particularly useful for the treatment of Human Influenza virus infections.

No. of Pages : 126 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CATHETER	CLAMP	
 (54) Title of the invention : CATHETER ((51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:A61M25/02 :1013490.6 :11/08/2010 :U.K. :PCT/GB2011/051489 :05/08/2011 :WO 2012/020246	 (71)Name of Applicant : 1)GOMA MEDICAL LIMITED Address of Applicant :3 Farm Road West Moors Ferndown Dorset BH22 0JL U.K. (72)Name of Inventor : 1)MOGG Alan David
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A catheter clamp (1) comprising a base (2) and a pivotable cover (3) the cover arranged to be capable of adopting an open condition and a clamped condition the clamp further comprising a resiliently biased displaceable latch (12) to releasably retain the cover in the clamped condition wherein the latch displaceable on and relative to a support surface (11) which supports the latch so as to release the cover from the clamped condition.

No. of Pages : 17 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : COMBINED ENGINE BRAKING AND POSITIVE POWER ENGINE LOST MOTION VALVE ACTUATION SYSTEM

(51) International classification	:F01L1/26	(71)Name of Applicant :
(31) Priority Document No	:61/368248	1)JOCOBS VEHICLE SYSTEMS, INC.
(32) Priority Date	:27/07/2010	Address of Applicant :22 East Dudley Town Road Bloomfield
(33) Name of priority country	:U.S.A.	CT 06002 U.S.A.
(86) International Application No	:PCT/US2011/045607	(72)Name of Inventor :
Filing Date	:27/07/2011	1)GROTH Kevin P.
(87) International Publication No	:WO 2012/015970	2)RUGGIERO Brian L.
(61) Patent of Addition to Application	:NA	3)HUANG Shengqiang
Number	:NA	4)FUCHS Neil E.
Filing Date	.11/A	5)LESTER John J.
(62) Divisional to Application Number	:NA	6)ERNEST Steven N.
Filing Date	:NA	7)PATURZO Joseph III

(57) Abstract :

A system for actuating one or more engine valves for positive power operation and engine braking operation is disclosed. In a preferred embodiment an exhaust valve bridge and intake valve bridge each receive valve actuations from two sets of rocker arms. Each valve bridge includes a sliding pin for actuating a single engine valve and an outer plunger disposed in the center of the valve bridge to actuate two engine valves through the bridge. The outer plunger of each valve bridge may be selectively locked to its valve bridge to provide positive power valve actuation. During engine braking application of hydraulic pressure to the outer plungers may cause the respective valve bridges and outer plungers to unlock so that all engine braking valve actuations are provided from a rocker arm acting on one engine valve through the sliding pin.

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

(19) INDIA

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SURGICAL STAPLING INSTRUMENT WITH IMPROVED FIRING TRIGGER ARRANGEMENT (51) International classification :A61B17/072 (71)Name of Applicant : 1) ETHICON ENDO SURGERY INC. (31) Priority Document No :12/855351 (32) Priority Date :12/08/2010 Address of Applicant :4545 Creek Road Cincinnati OH 45242 (33) Name of priority country :U.S.A. U.S.A. (86) International Application No :PCT/US2011/047353 (72)Name of Inventor : Filing Date :11/08/2011 1)BEDI James J. (87) International Publication No :WO 2012/021671 2)BAXTER Chester O. III (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A surgical stapling instrument including an actuator knob which can be moved from one side of the stapling instrument to another side in order to reposition the actuator knob without having to reposition the stapling instrument within a surgical site. A stapling instrument can include a pusher bar a housing having a first side and a second side and an actuator knob rotatably mounted to the pusher bar wherein the actuator knob can be configured to be rotated between a first position in which the actuator knob can be moved along the first side of the housing and a second position where the actuator knob can be moved along a second side of the housing. Alternatively a surgical stapling instrument can comprise one or more actuator knobs which can be operably engaged and disengaged with a pusher bar in order to selectively utilize the actuator knobs.

No. of Pages : 190 No. of Claims : 21

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : STRUCTURES FOR USE IN ORTHOPAEDIC IMPLANT FIXATION AND METHODS OF INSTALLATION ONTO A BONE

(51) International classification(31) Priority Document No(32) Priority Date(22) No. 10 (2010)	:61/372902 :12/08/2010	1)SMITH & NEPHEW INC. Address of Applicant :1450 E. Brooks Road Memphis TN
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:U.S.A. :PCT/US2011/047414 :11/08/2011 :WO 2012/021702	 38116 U.S.A. (72)Name of Inventor : 1)LENZ Nathaniel Milton 2)WILKINSON Zachary Christopher
No (61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An orthopaedic implant (10 40 50 60 100) including a base portion (12 1 12) and first and second transverse portions (14 16 114 116) extending transversely from the base portion (12 112) to thereby define an inner region (18 1 18) of the implant sized for receipt of an end portion of a bone (B) therein. The implant further includes at least one anchor structure (30 130) projecting from the base portion (12 112) and sized and configured for receipt within an opening (O O) formed in the end portion of the bone (B). The anchor structure (30 130) extends along a longitudinal axis (L) and includes a proximal end (30a 130a) attached to the base portion (12 112) and an opposite distal end (30b 130b) and further includes a tapered outer surface (36 136) that inwardly tapers in a proximal to distal direction along the longitudinal axis (L). In one embodiment an anchor structure (130) is provided which includes one or more grooves (140) extending into the tapered outer surface (136) with a flowable material (150) positioned about at least a portion of the tapered outer surface (136) and positioned within the grooves (140) and with the flowable material (150) configured to cure to a hardened state.

No. of Pages : 32 No. of Claims : 17

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : 2 SUBSTITUTED 8 ALKYL 7 OXO 7 8 DIHYDROPYRIDO[2 3 D] PYRIMIDINE 6 CARBONITRILES AND USES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (57) Abstractor 	:A01N43/90,A61K31/505,A61K31/519 :61/370946 :05/08/2010 :U.S.A. :PCT/US2011/044807 :21/07/2011 :WO 2012/018540 :NA :NA :NA	 (71)Name of Applicant : TEMPLE UNIVERSITY OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION Address of Applicant :Broad Street And Montgomery Avenue Philadelphia PA 19122 U.S.A. (72)Name of Inventor : 1)REDDY E. Premkumar 2)REDDY M. V. Ramana
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(57) Abstract :

Compounds according to Formula (I) as well as salts thereof: wherein R1 and R2 are as defined herein are useful as antiproliferative agents and kinase inhibitors. Synthetic methods for preparing the compounds of Formula (I) are also provided.

No. of Pages : 52 No. of Claims : 29

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : NOVEL VACCINE ADJUVANTS BASED ON TARGETING ADJUVANTS TO ANTIBODIES DIRECTLY TO ANTIGEN PRESENTING CELLS

(32) Priority Date:13/08/2010(72)Name of Inventor :(33) Name of priority country:U.S.A.1)ZURAWSKI Gerard 2)BANCHEREAU Jacques F.(86) International Application No Filing Date:PCT/US2011/047633 :12/08/20113)FLAMAR Anne Laure(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2012/0218343)FLAMAR Anne Laure(62) Divisional to Application Number Filing Date:NA :NA:NA :NA:NA :NA	 classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	EU.S.A. PCT/US2011/047633 212/08/2011 EWO 2012/021834 ENA ENA ENA	1)ZURAWSKI Gerard 2)BANCHEREAU Jacques F.
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(57) Abstract :

Compositions and methods for enhancing an immune response with an adjuvant composition comprising: an anti dendritic cell (DC) specific antibody or fragment thereof conjugated to at least a portion of a TLR agonist; and a pharmaceutically acceptable carrier are disclosed herein. The conjugate and agonist are each comprised in an amount such that in combination with the other are effective to produce the immune response in a human or animal subject in need of immunostimulation.

No. of Pages : 244 No. of Claims : 47

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND DEVICE FOR DETECTING A REPLACEMENT OF PENCIL GLOW PLUGS IN AN INTERNAL COMBUSTION ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F02P17/00,F02P19/02 :102010040682.1 :14/09/2010 :Germany :PCT/EP2011/063228 :01/08/2011 :WO 2012/034772 :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)SCHOLTEN Carsten 2)KAPPELMANN Peter 3)MORITZ Rainer 4)STOCKMANN Dirk
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(57) Abstract :

The invention relates to a method for detecting a replacement of pencil glow plugs in an internal combustion engine wherein during an operating cycle at least one electrical parameter (I) of the pencil glow plugs (21 to 24) is determined and compared to a stored value of the same electrical parameters (I) of the pencil glow plug (21 24) which was determined in a previous operating cycle. According to a method which assures an exact determination of the replacement of a pencil glow plug without depending on the ambient conditions of the internal combustion engine the same electrical parameter (I) is determined in the operating cycle for all the pencil glow plugs (21 to 24) installed in the internal combustion engine wherein said electrical parameters (I) of the pencil glow plugs (21 to 24) behave in a certain pattern with respect to each other and said pattern of the electrical parameter (I) of the pencil glow plugs (21 to 24) is compared to a pattern determined in a preceding operating cycle wherein in the case of a deviation of the pattern of the operating cycle from a pattern of the preceding operating cycle a replacement of a pencil glow plug (21 to 24) is detected.

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

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ADENOVIRAL ASSEMBLY 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 	:PCT/US2011/048006 :16/08/2011	 (71)Name of Applicant : 1)SALK INSTITUTE FOR BIOLOGICAL STUDIES Address of Applicant :10010 North Torrey Pines Road La Jolla California 92037 U.S.A. (72)Name of Inventor : 1)OSHEA Clodagh 2)POWERS Colin
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

Methods of assembling modified adenoviruses libraries of adenoviral gene modules and compositions thereof are provided herein.

No. of Pages : 136 No. of Claims : 37

(19) INDIA

(22) Date of filing of Application :12/02/2013

(54) Title of the invention : SUSPENSION DEVICE

(43) Publication Date : 26/09/2014

(51) International classification	:B60G11/12,B60G11/04	(71)Name of Applicant :
(31) Priority Document No	:2010193544	1)HINO MOTORS LTD.
(32) Priority Date	:31/08/2010	Address of Applicant :1 1 Hinodai 3 chome Hino shi Tokyo
(33) Name of priority country	:Japan	1918660 Japan
(86) International Application No	:PCT/JP2011/004753	2)NHK SPRING CO. LTD.
Filing Date	:26/08/2011	3)HORIKIRI INC.
(87) International Publication No	:WO 2012/029266	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)ENOMOTO Mitsuru
Number	:NA :NA	2)AKEDA Mamoru
Filing Date	.INA	3)SHIBUYA Nobuhiro
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

A suspension device configured in such a manner that an axle (2) is supported at the intermediate section of a single leaf spring (5). The suspension device comprises a first restriction means which when the leaf spring (5) breaks at a position behind the intermediate section restricts the downward tilt movement of the rear portion of the leaf spring (5) relative to a shackle (6); and a second restriction means (engagement claw (13)) for restricting the rearward pivoting of the shackle (6) through an angle greater than or equal to a predetermined angle. The first restriction means comprises a stopper plate (12)(stopper) provided to the shackle (6) and supporting from below the rear portion of the leaf spring (5) when the leaf spring (5) breaks.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : COMPOUNDS AND METHODS FOR SKIN REPAIR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A01K31/381,A01K31/343,A01K9/00	 (71)Name of Applicant : ALLERGAN INC. Address of Applicant :2525 Dupont Drive Irvine California 92612 U.S.A. (72)Name of Inventor : JIANG Guang L. BURK Robert M. IM Wha Bin BEDDINGFIELD Frederick C. WHEELER Larry A. WHITCUP Scott M.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The disclosure provides compositions and methods for treating a skin blemish. The compositions comprise a therapeutically effective amount of a compound useful for treating skin blemishes such as wounds scars and wrinkles.

No. of Pages : 37 No. of Claims : 26

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

(43) Publication Date : 26/09/2014

(54) The of the invention : 5 WASHTER		
(51) International classification	:F04B27/08	(71)Name of Applicant :
(31) Priority Document No	:2010168799	1)TAIHO KOGYO Co. Ltd.
(32) Priority Date	:28/07/2010	Address of Applicant :65 Midorigaoka 3 chome Toyota sh
(33) Name of priority country	:Japan	Aichi 4718502 Japan
(86) International Application No	:PCT/JP2011/056730	(72)Name of Inventor :
Filing Date	:22/03/2011	1)AKIZUKI Masanori
(87) International Publication No	:WO 2012/014523	2)HATTA Masaharu
(61) Patent of Addition to Application		3)NOMURA Satoshi
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SWASH PLATE COMPRESSOR

(57) Abstract :

A swash plate compressor (1) is provided with: a swash plate (3) rotating with the rotation shaft (2) as the center of rotation; pistons (4) advancing and retracting as the swash plate (3) rotates and having hemispherical concave sliding surfaces (4a) formed thereon; and shoes (5) having formed thereon flat end surface sections (12) and spherical surface sections (11) the flat end surface sections (12) being in sliding contact with the swash plate (3) the spherical surface sections (11) being in sliding contact with the sliding surfaces (4a) of the pistons (4). A column shaped section (13) is formed on each of the shoes (5) at a position between the spherical surface section (11) and the end surface section (12) and a spherical surface section side flange (14) protruding outward in the radial direction and forming the spherical surface section is formed at the boundary between the column shaped section (13) and the spherical surface section (11). As a result of the configuration the shoes are satisfactorily lubricated and foreign matter is prevented from entering the sliding portions.

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

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SPLIT PERM	CHINE	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02K19/36,H02K16/02 :2010/05553 :04/08/2010 :South Africa :PCT/IB2011/001812 :04/08/2011 :WO 2012/017302 :NA :NA :NA :NA	 (71)Name of Applicant : 1)STELLENBOSCH UNIVERSITY Address of Applicant :Admin B Victoria Street Stellenbosch Western Cape Province 7600 South Africa (72)Name of Inventor : 1)KAMPER Maarten Jan 2)POTGIETER Johannes Hendrik Jacob 3)STANDER Johan Nico

(57) Abstract :

The invention relates to an electrical energy conversion system (11) which is particularly suited for use in wind energy conversion systems. The system includes two magnetically separated permanent magnet machines (25 27) linked by a freely rotating rotor (19) housing permanent magnets (39). The first machine is typically a synchronous generator and the second an induction generator. The synchronous generator (25) has a stationary stator (21) which is connectable to an electrical system such as an electricity grid and the induction generator (27) has a rotor (17) which is connectable to a mechanical drive system such as for example a wind turbine.

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

(19) INDIA(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR ADJUSTING THE CLAMPING FORCE EXERTED BY A PARKING BRAKE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:18/07/2011	 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : 1)BAEHRLE MILLER Frank
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2012/031806 :NA :NA :NA	2)ROTERS Lars 3)BLATTERT Dieter

(57) Abstract :

In a method for adjusting the clamping force that is exerted by a parking brake and is applied by an electromotive braking device and a hydraulic braking device the preliminary hydraulic pressure that prevails in the hydraulic braking device and is generated by the driver is used to generate a hydraulic clamping force and if the hydraulic clamping force is not sufficient to reach a desired clamping force an electric clamping force is generated as a supplement.

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

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : STEEL FOR INDUCTION HARDENING AND CRANKSHAFT MANUFACTURED USING SAME

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:C22C38/00,C21D1/18,C21D9/30 :2010193223 :31/08/2010 :Japan :PCT/JP2011/064709 :27/06/2011 :WO 2012/029395 :NA	 (71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan (72)Name of Inventor : 1)MIZOBE Yuta 2)TAHIRA Hiroaki 3)YOSHINO Ken
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

(19) INDIA

Provided is steel for induction hardening that is less likely to develop cracks and has excellent hardness and anti seizing properties even when not tempered after induction hardening. The steel for induction hardening fulfills formula (1) and comprises in percent by mass: 0.20 0.34% C 0.20% or less Si 0.75 2.0% Mn 0.03% or less P 0.20% or less S 0.05 1.2% Cr 0.002% to less than 0.030% Ti 0.005 0.04% Al and 0.0040 0.020% N with the remainder comprising Fe and impurities. 1.20Mn+Cr2.10 (1). The amount of each chemical element (percent by mass) is substituted for each of the chemical symbols in the formula (1).

No. of Pages : 27 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SIRNA TARGETING VEGFA AND METHODS FOR TREATMENT IN VIVO

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:C12N15/113,A61K31/7088 :61/368385 :28/07/2010 :U.S.A. :PCT/US2011/045273 :26/07/2011 :WO 2012/015775 ⁿ :NA :NA :NA	 (71)Name of Applicant : 1)ALCON RESEARCH LTD. Address of Applicant :6201 South Freeway tb4 8 Fort Worth TX 76134 U.S.A. (72)Name of Inventor : 1)SMITH Anja 2)REYNOLDS Angela 3)CHATTERTON Jon E. 4)ZHANG Xinyu
Number Filing Date	:NA :NA	
Filing Date		

(57) Abstract :

Vascular endothelial growth factor A (VEGFA) is a chemical signal produced by cells that stimulates the growth of new blood vessels and overexpression of VEGFA can lead to undesirable physiological conditions. Through the identification of new siRNA and modifications that improve the silencing ability of these siRNA in vivo therapeutic compositions and methods have been invented to address the problems associated with this overexpression.

No. of Pages : 60 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : APPARATUS AND METHOD FOR HEAT TREATING A GLASS SUBSTRATE

(51) International classification	:G02F1/13,C03B20/00,H01L21/324	(71)Name of Applicant : 1)CORNING INCORPORATED
(31) Priority Document No	:12/871204	Address of Applicant :1 Riverfront Plaza Corning New York
(32) Priority Date	:30/08/2010	14831 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	¹ :PCT/US2011/049521 :29/08/2011	1)COPPOLA Frank T 2)MASHEWSKE Monica J
(87) International Publication No	:WO 2012/030703	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	¹ :NA :NA	

(57) Abstract :

An apparatus and method for heat treating a plurality of glass substrates. The glass substrates are supported on support platform and housed in a heat treating furnace. The substrates are supported in a substantially vertical orientation by restraining pins extending through walls of the furnace and are separated from each other by frame shaped spacing members. The spacing members reduce convection currents between the substrates and reduce or eliminate the post heat treating distortion of each glass substrate to less than 100 m over the entire surface of the substrate.

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

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ENTRY SHEET FOR DRILLING			
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B26F1/16,H05K3/00 :2010209476 :17/09/2010 :Japan	 (71)Name of Applicant : 1)MITSUBISHI GAS CHEMICAL COMPANY INC. Address of Applicant :5 2 Marunouchi 2 chome Chiyoda ku Tokyo 1008324 Japan (72)Name of Inventor : 1)MATSUYAMA Yousuke 2)HORIE Shigeru 3)HASAKI Takuya 4)SHIMIZU Kenichi 	

(57) Abstract :

The present invention pertains to an entry sheet for drilling said sheet having excellent hole positioning accuracy even in high temperature conveyance and/or storage environments. The present invention particularly pertains to an entry sheet for drilling which is characterised by being formed by the formation of a water soluble resin composition layer on at least one surface of a metal support foil said composition containing a water soluble resin a water soluble lubricant and 2 7 naphthalenedisulfonic acid 3 hydroxy 4 [(4 sulfo 1 naphthalene) azo] and trisodium salt (Red No. 2). Said water soluble resin composition layer is formed by being cooled from a cooling initiation temperature of 120 160°C to a cooling completion temperature of 25 40°C in no more than 60 seconds and at a cooling speed of at least 1.5° C/second with the degree of crystallisation of the water soluble resin composition layer being no more than 2 and the surface hardness of the water soluble resin composition layer being no more than 2 and the surface hardness being 8.5N/mm 2-20N/mm 2.

No. of Pages : 43 No. of Claims : 8

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CARTRIDGE FILTER COMBINING A DEPTH FILTER AND A SUB MICRON FILTER AND RO PRE TREATMENT 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 	:09/09/2011 :WO 2012/034028 :NA	 (71)Name of Applicant : 1)GENERAL ELECTRIC COMPANY Address of Applicant :1 River Road Schenectady NY 12345 U.S.A. (72)Name of Inventor : 1)STIFTER Travis Gerald 2)SZCZEPANSKI Joseph T. 3)LAIDLAW William B. 4)BHARWADA Upen Jayant
	:NA :NA	4)BHARWADA Upen Jayant 5)AUNE Thomas Martin
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A cartridge filter assembly includes a depth filter element and a downstream second filter element. The depth filter element has a mass of melt blown polymer filaments. The depth filter removes 0.5 to 10 micron sized contaminants at an efficiency of 90% or more. The depth filter preferably comprises multiple zones occupying different depths with one or more melt blown polymer filaments traversing two or more of the zones. The second filter element comprises nano fibers having a diameter of 1 micron or less and removes a material percentage of contaminants that are less than 1 micron in size preferably less than 0.5 microns in size. The depth filter element may be in the form of a tube and the second filter element may be in the form of a pleated sheet located inside of the depth filter. The cartridge filter assembly may be used to pre treat a feed water upstream of an RO membrane. The SDI of the feed water may be reduced to 3 or less or 2 or less.

No. of Pages : 25 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 2010 040 654.6 :13/09/2010 :Germany :PCT/EP2011/004474 :06/09/2011 :WO 2012/034660 :NA :NA	 (71)Name of Applicant : REPOWER SYSTEMS SE Address of Applicant : Aberseering 10 22297 Hamburg (72)Name of Inventor : FRANKE Jan Bernd ARNDT Marco
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : DISMANTLING A GEAR MECHANISM OF A WIND POWER PLANT

(57) Abstract :

The invention relates to a method for dismantling a multi stage gear mechanism (22) of a wind power plant (10) wherein the gear mechanism (22) comprises at least one planetary stage (24.1 24.2) wherein the at least one planetary stage (24.1 24.2) comprises a planet gear carrier (41 61) and a plurality of planet gears (45 65) held in the planet gear carrier (41 61) using planetary pins (47 57) and wherein the planet gears (45 65) engage with a ring gear (49 69) surrounding the planet gears (45 65) of the planetary stage (24.1 24.2). The method comprises the following method steps: the ring gear (49 69) and the planet gears (45 65) are spaced apart from each other axially along a substantially horizontal axis such that the operative engagement between the planet gear carrier (41 61) are accessible from the outside; the holding connection between a planet gears (45 65) and the planet gear carrier (41 61) is detached preferably before or after the ring gear (49 69) and the planet gears (45 65) are spaced apart axially; before the planet gear (45 65) is removed the respective planetary pin (47 67) is released from the clamping position thereof in a clamping device preferably from the holding position in a pin seat of the planet gear carrier (41 61); and the planet gear (45 65) released from the holding connection with the planet gear carrier (41 61) is removed radially outward with respect to the gear mechanism longitudinal axis. The invention also relates to a gear mechanism (22) of a wind power plant (10) having at least one planetary stage (24.1 24.2) wherein the planet gear carrier (41 61).

No. of Pages : 48 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

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:F02K3/02	(71)Name of Applicant :
:61/388346	1)GENERAL ELECTRIC COMPANY
:30/09/2010	Address of Applicant :1 River Road Schenectady NY 1234.
:U.S.A.	U.S.A.
:PCT/US2011/053993	(72)Name of Inventor :
:29/09/2011	1)STUART Alan Roy
:WO 2012/044822	2)SCHEFFEL Kenneth Stephan
•NI A	
INA	
:NA	
:NA	
	:61/388346 :30/09/2010 :U.S.A. :PCT/US2011/053993 :29/09/2011 :WO 2012/044822 :NA :NA :NA

(54) Title of the invention : COWL ASSEMBLY

(57) Abstract :

An assembly for a turbofan engine includes a first cowl member comprising an aft portion and a translatable cowl member comprising a forward portion configured to be received within the aft portion. The translatable cowl member is configured to be moveable with respect to the first cowl member between a first operational position wherein the forward portion is received within the aft portion of the first cowl member and a second operational position wherein a smaller portion of the forward portion is received within the aft portion than in the first operational position. The translatable cowl member is configured to cooperate with a core cowl of the turbofan engine to define a portion of a fan duct having an exit nozzle and the translatable cowl member is configured to define a flow control location near the exit nozzle that is associated with a controlling fan duct area.

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

(19) INDIA

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

	0013301/67	
(51) International classification	:G01N21/67	(71)Name of Applicant :
(31) Priority Document No	:1014657.9	1)THERMO FISHER SCIENTIFIC (ECUBLENS) SARL
(32) Priority Date	:03/09/2010	Address of Applicant :En Vallaire Ouest C CH 1024 Ecublens
(33) Name of priority country	:U.K.	Switzerland
(86) International Application No	:PCT/EP2011/064392	(72)Name of Inventor :
Filing Date	:22/08/2011	1)DORIER Jean Luc
(87) International Publication No	:WO 2012/028484	2)DEMARCO Fabio
(61) Patent of Addition to Application	:NA	3)HALASZ Edmund
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : IMPROVED SPARK CHAMBER FOR OPTICAL EMISSION ANALYSIS

(57) Abstract :

A spark chamber (110) for an optical emission analyser comprising: a gas inlet (125) located on a first side of the spark chamber (110) for supplying a gas into the spark chamber (110); and a gas outlet (135) located on a second side of the spark chamber (110) arranged to convey the gas from the spark chamber (110); wherein an elongated electrode (140) having an electrode axis (142) generally along the direction of elongation is located within the spark chamber (110); and wherein: the first and second sides of the spark chamber (110) lie at either side of the elongated electrode (140) in directions generally perpendicular to the electrode axis (142); there is a gas flow axis (159) through the spark chamber (110) between the gas inlet and the gas outlet; and on passing along the gas flow axis (159) from the gas inlet (125) to the gas outlet (135) the unobstructed internal cross sectional area of the spark chamber (110) perpendicular to the gas flow axis remains constant to within a factor A wherein A lies between 1.0 and 2.0

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

(19) INDIA(22) Date of filing of Application :06/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS AND METHODS OF TREATMENT

(57) Abstract :

The present disclosure provides pharmaceutical compositions comprising an activated potentiated form of an antibody to human cannabinoid receptor and use in the treatment of obesity and related metabolic disorders. The present disclosure further provides pharmaceutical compositions comprising an activated potentiated form of an antibody to human cannabinoid receptor and activated potentiated form of an antibody to protein S 100 for use in the treatment of addiction to psychoactive substances. The present disclosure provides methods for treating obesity and related metabolic disorders and substance abuse.

No. of Pages : 58 No. of Claims : 48

(22) Date of filing of Application :06/02/2013

(54) Title of the invention : A COMBINATION PHARMACEUTICAL COMPOSITION AND METHODS OF TREATING DISEASES OR CONDITIONS ASSOCIATED WITH THE CARDIOVASCULAR SYSTEM

(51) Internationalclassification(31) Priority Document No	:C07K16/28,C07K16/40,A61K39/395 :2010129292	 (71)Name of Applicant : 1)EPSHTEIN Oleg Iliich Address of Applicant :4 Samotyochny Per. d. 3 Kv. 72
(32) Priority Date	:15/07/2010	Moscow 12743 Russia
(33) Name of priority country	:Russia	2)SERGEEVA Svetlana Alexandrovna 3)DOLGOVYH Liudmila Fyodorovna
(86) International Application No Filing Date	:PCT/IB2011/002391 :15/07/2011	4)PETROV Vladimir Ivanovich (72)Name of Inventor : 1)EPSHTEIN Oleg Iliich
(87) International Publication No	:WO 2012/007846	2)SERGEEVA Svetlana Alexandrovna 3)DOLGOVYH Liudmila Fyodorovna
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)PETROV Vladimir Ivanovich
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present application provides a pharmaceutical composition for administration to a patient suffering from at least one symptom of a cardiovascular condition the composition comprising a) an activated potentiated form of an antibody to angiotensin II AT1 receptor and b) an activated potentiated form of an antibody to endothelial NO synthase.

No. of Pages : 63 No. of Claims : 86

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : IMPROVED BRASS ALLOY AND A METHOD OF MANUFACTURING 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 	:10176301.9 :10/09/2010 :EPO :PCT/EP2011/065644 :09/09/2011 :WO 2012/032155 :NA	 (71)Name of Applicant : 1)RAUFOSS WATER & GAS AS Address of Applicant :Box 143 N 2831 Raufoss Norway (72)Name of Inventor : 1)GULBRANDSEN DAHL Sverre 2)IVAR MOE Jon
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention is related to an improved brass alloy providing improved ability for machining is free of lead and is at the same time environmental friendly. The alloy comprises added alloying elements in an amount that is identified through an iterative process during manufacturing of the alloy.

No. of Pages : 20 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C07K1/14,C07K14/415 :10008860 :01/09/2010 :Sweden	 (71)Name of Applicant : 1)OCTAMER AB Address of Applicant :VÃstergatan 53 S 239 30 SkanÃr Sweden
(86) International Application No	:PCT/SE2011/000144	(72)Name of Inventor :
Filing Date	:01/08/2011	1)ROTHMAN Ulf
(87) International Publication No	:WO 2012/030268	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ANTIINFECTIVE PLANT NUCLEOPROTEIN ISOLATES

(57) Abstract :

Foam fractionation is disclosed as a method for nucleoprotein capture and concentration from plant extracts without DNA or starch contamination. Plant nuclear proteins are first extracted by dilute acid or high salt. Air is introduced as bubbles in the plant extract until foam formation. The foam is recovered and broken into a concentrated plant nuclear protein mixture which contains natural anti infective histones which are both antimicrobial and antiviral. The invention relates to a process for isolation of nucleoprotein sfrom the plant kingdom to the use thereof or to a biocide and pharmaceutical product comprising an anti infective nucleoprotein isolate. Plant histones prepared by foam capture represents an essentially unlimited source for natural biodegradable peptide antibiotics and antivirals.

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

(19) INDIA

(22) Date of filing of Application :12/02/2013

(54) Title of the invention : NOVEL ULTRASENSITIVE CELL BASED SENSORS AND USES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01N33/50 :NA :NA :NA :PCT/EP2010/004619 :28/07/2010 :WO 2012/013204 :NA :NA :NA :NA	 (71)Name of Applicant : 1)CANVAX BIOTECH SL Address of Applicant :Poligono Tecnocordoba calle Estocolmo 47 14014 Cordoba Spain (72)Name of Inventor : 1)PAZ ROJAS Elier 2)MONTERO PEÃ 'ALVO Maria de Gracia 3)LUNA GUERRERO Veronica Inmaculada 4)GARCIA MACEIRA Fe Isabel 5)MORALES MARTÃ NEZ Jose Andres 6)GARCIA MACEIRA Tania 7)ARAGÃN GÃMEZ Ana BelÃn 8)QUESADA MOLINA Ana 9)MARQUEZ MORALES Aurora Maria
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(57) Abstract :

The present invention relates to a novel cell based sensor useful for drug discovery that comprises a cell line with professional regulated exocytosis of secretory granules transfected with a protease as a reporter polypeptide stored in the regulated secretory granules of the cell line with professional regulated exocytosis and having either an endogenous or a heterologous molecule as a modulator of regulated secretory granules exocytosis such said granule stored protease reporter having at least: a high resistance to conditions already present inside the granules such as low pH and proteolysis by other proteases; enzymatic activity after exocytosis; a highly specific cleavage sequence; a very low level of secretion under unstimulated or basal conditions; and a high signal to background activity in a media compatible with cell culture viability and granule exocytosis for a high throughput robust and sensitive detection.

No. of Pages : 122 No. of Claims : 50

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : FUNCTIONALIZABLE SYNTHETIC HYDROCARBON FLUIDS AND INTEGRATED METHOD OF FOR PRODUCTION THEREOF

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:C08F10/00,C08F10/14,C08F4/60 :61/376925 :25/08/2010 :U.S.A. :PCT/US2011/047641 :12/08/2011 :WO 2012/027139 :NA :NA	 (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. (72)Name of Inventor : 1)HOLTCAMP Matthew W. 2)HAGADORN John R. 3)BEDOYA Matthew S.
Application Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This invention relates to a process to produce a poly(alpha olefin)(alpha internally unsaturated nonconjugated olefin) comprising: contacting at least one renewable feedstream with at least one lower olefin in the presence of a metathesis catalyst wherein a mixture of at least one C to C linear alpha olefin and at least one alpha internally unsaturated nonconjugated olefin is produced; and contacting the mixture with a metallocene catalyst system wherein a poly(alpha olefin)(alpha internally unsaturated nonconjugated olefin) is produced.

No. of Pages : 71 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CO COMPRESSION AND CO DECOMPRESSION OF DATA VALUES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06T9/00,H03M7/30 :NA :NA :NA :PCT/SE2010/050939 :03/09/2010 :WO 2012/030262 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET LM ERICSSON (publ) Address of Applicant :SE 164 83 Stockholm Sweden (72)Name of Inventor : 1)STRÃ-M Jacob 2)WENNERSTEN Per
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(57) Abstract :

A first and a second data value are co compressed by generating a sequence of symbols having a most significant symbol that is the most significant symbol of a compressed representation of the first data value and a least significant symbol that is the most significant symbol of a compressed representation of the second data value. The compressed representation of the first data value corresponds to at least a portion of the symbols of the sequence of symbols starting from the most significant symbol and extending towards the least significant symbol in a first reading direction. The compressed representation of the second data value also corresponds to at least a portion of the symbols of the sequence of symbols however starting from the least significant symbol and extending in an opposite reading direction towards the most significant symbol.

No. of Pages : 68 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : TANK TO CONTAIN FUEL AND RELATIVE PRODUCTION METHOD

 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:PCT/EP2011/062048 :14/07/2011	 (71)Name of Applicant : 1)POLYMTEC ENGINEERING AG MAUREN (FL) SUCCURSALE DI LUGANO Address of Applicant :Viale Stefano Franscini 1 CH 6901 Lugano Switzerland (72)Name of Inventor : 1)GÃ-KCEN Mehmet Celal
Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	^h :NA :NA	

(57) Abstract :

Tank to contain fuel comprising a containing body (11) made of plastic material and in which at least on one external (13) or internal (12) surface of said containing body (11) there is a layer of metal filling material (15) constrained to said plastic material by means of molecular bindings and able to annul the permeation of said fuel through said containing body (11).

No. of Pages : 18 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SAFETY EQUIPMENT BAG

(51) International classification	:B65D33/34,B65D30/00,A62B25/00	(71)Name of Applicant : 1)HARCOR SECURITY SEALS PTY LTD
(31) Priority Document No	:2010903582	Address of Applicant :Unit 3/1 Skyline Place Frenchs Forest
(32) Priority Date	:11/08/2010	NSW 2086 Australia
(33) Name of priority country	y:Australia	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/AU2011/001031 :11/08/2011	1)PARTRIDGE Kevin John
(87) International Publication	¹ :WO 2012/019240	
(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 bag (10) for containing safety equipment. The bag (10) includes a transparent surface (12D) and a slot (14). The surface (12D) has at least first and second lines of weakness (82 and 84). The slot (14) is directly or indirectly associated with the lines of weakness (82 and 84). The first line of weakness (82) and the second line (84) of weakness converge.

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

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND DEVICE FOR DATA PROCESSING IN A COMMUNICATION NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H04W72/12 :NA :NA :NA :PCT/EP2010/060808	 (71)Name of Applicant : 1)NOKIA SIEMENS NETWORKS OY Address of Applicant :Karaportti 3 FI 02610 Espoo Finland (72)Name of Inventor : 1)ANAS Mohmmad
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2012/013215 :NA :NA :NA :NA	3)HERRMANN Uwe 4)KROENER Hans 5)PAYER Wolfgang

(57) Abstract :

A method and a device for data processing in a communication network are provided wherein a terminal is assigned a scheduling priority based on a time period until the terminal enters a sleep mode. Furthermore a communication system is suggested comprising said device.

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

(19) INDIA

(22) Date of filing of Application :12/02/2013

 (54) Title of the invention : ANTI VIRA (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	L COMPOUNDS :C07D403/14 :12/903822 :13/10/2010 :U.S.A. :PCT/US2011/056045 :12/10/2011 :WO 2012/051361 :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)ABBVIE INC. Address of Applicant :1 North Waukegan Road North Chicago IL 60064 U.S.A. (72)Name of Inventor : 1)DEGOEY David A. 2)KATI Warren M. 3)HUTCHINS Charles W. 4)DONNER Pamela L. 5)KRUEGER Allan C. 6)RANDOLPH John T. 7)MOTTER Christopher E. 8)NELSON Lissa T. 9)PATEL Sachel V. 10)MATULENKO Mark A. 11)KEDDY Ryan G. 12)JINKERSON Tammie K. 13)GAO Yi 14)LIU Dachun 15)PRATT John K. 16)ROCKWAY Todd W. 17)MARING Clarence J. 18)HUTCHINSON Douglas K. 19)FLENTGE Charles A. 20)WAGNER Rolf 21)TUFANO Michael D. 22)BETEBENNER David A. 23)SARRIS Kathy 24)WOLLER Kevin R. 25)WAGAW Sebel H. 26(CALIFANO Jean C. 27)LI Wenke 28)CASPI Daniel D. 29)BELLIZZI Mary E. 30(CARROLL William A.
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(57) Abstract :

Compounds effective in inhibiting replication of Hepatitis C virus (HCV) are described. This invention also relates to processes of making such compounds compositions comprising such compounds and methods of using such compounds to treat HCV infection.

No. of Pages : 434 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :05/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:A47J	(71)Name of Applicant :
(31) Priority Document No	:1055606	1)LAIR LIQUIDE SOCIETE ANONYME POUR LETUDE
(32) Priority Date	:09/07/2010	ET LEXPLOITATION DES PROCEDES GEORGES
(33) Name of priority country	:France	CLAUDE
(86) International Application No	:PCT/FR2011/051132	Address of Applicant :75 Quai dOrsay 75007 Paris France
Filing Date	:19/05/2011	(72)Name of Inventor :
(87) International Publication No	: NA	1)FRENAL Antoine
(61) Patent of Addition to Application	:NA	2)DECK Philippe
Number	:NA :NA	3)MANSCOURT Cyril
Filing Date	INA	4)PISOT Philippe
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract :		1

(54) Title of the invention : FILLING OUTLET ITS USE AND FILLING METHOD

(57) Abstract :

Filling outlet comprising at least one claw (2) extending in a longitudinal direction about a longitudinal axis (A) the central space situated between the claw or claws (2) and the longitudinal axis (A) forming a housing intended to accommodate a filling connector (1) of cylindrical overall shape characterized in that the internal face of the at least one claw (2) situated facing the central space is of flat overall shape and has reliefs (12) and/or recesses (22) of set dimensions the reliefs (12) and/or recesses (22) being spaced relative to one another in a set fashion so that they fit into mating grooves (11) and/or reliefs (21) formed on the exterior face of a filling connector (1) the at least one claw (2) being able to move transversely with respect to the longitudinal axis (A) between a position called the "open" position to allow a connector (1)...

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

(22) Date of filing of Application :12/02/2013

(54) Title of the invention : METHOD OF NON TRAUMATIC CONTACT SOFT COVER FOR TRANSPORT BED CLOTHERS STRETCHER AND LIFE SAVING ENVELOP

(51) International classification (31) Priority Document No	:A61G1/01,A61G1/044,A61G1/048 :a 2010 08867	 (71)Name of Applicant : 1)VOSKOBOINYKOV Igor Grygorovych Address of Applicant :avenue Shevchenka 92 92 Yenakieve
(32) Priority Date	:16/07/2010	Donetsk region 86430 Ukraine
(33) Name of priority country	:Ukraine	(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication No 	:PC1/0A2011/000050 :04/07/2011	1)VOSKOBOINYKOV Igor Grygorovych
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The method consist operations in the preliminary placement of the protective device between the person and traumatic agent which will successively take over loading either from person s side or from the other side including layer by layer destruction. The other variant of the invention is the relief of the injured parts of the body from the dangerous loading as contact and gravity. The method is delivered with devices manufactured from several air bubble films or their combination with inflatable (air) mattresses/sacks joining together as need and attached to temporary shafts with apertures loops cuts straps etc. The stretcher may be used by one rescue worker for example to bear on his back the injured or by trial along the ground. So there is a possible to use it by 2 or 4 savers under narrow conditions going onward by their side and with rotating the patient on his side and by to 16 savers.

No. of Pages : 36 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : YARN WIND	ING DEVICE	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:B65H67/08 :2010160970 :15/07/2010 :Japan :PCT/JP2011/003623 :24/06/2011 :WO 2012/008102 :NA	 (71)Name of Applicant : 1)Murata Machinery Ltd. Address of Applicant :3 Minami Ochiai cho Kisshoin Minami ku Kyoto shi Kyoto 6018326 Japan (72)Name of Inventor : 1)FUKUHARA Shuichi 2)IMAMURA Yuji
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

Disclosed i s a yarn winding device wmch i s capable o f im proving the degree o f freedom i n layout and guiding yarn t o a yarn splic ing device i n a short time and reduces the amount of the yarn t o b e wasted when the yarn i s spliced. The means therefor i s as follows. A n automatic winder i s provided with a bobbin supporting unit (7), a winding unit (8), the yarn splicing device (14), a yarn guiding unit, a yarn trap (15), and a yarn trap driving unit (47). The yarn guiding unit guides, i n a state where i n the yarn i s divided, the yarn on a package (30) side t o the yarn splicing device (14). The yarn trap (15) i s located so as t o face a yarn-traveling path provided between the winding unit (8) and the yarn splicing device (14) and traps, in the state wherein the yarn is divided, the yarn on a yarnfeeding bobbin (21) side. The yarn trap driving unit (47) moves the yarn trap in the direction that introduces the captured yarn into the yarn splic ing device (14) while keeping the state wherein the trapped yarn straddles the yarn splicing device (14).

No. of Pages : 76 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

(51) International classification	:C11D3/37	(71)Name of Applicant :
(31) Priority Document No	:12/806731	1)AMERICAN STERILIZER COMPANY
(32) Priority Date	:19/08/2010	Address of Applicant :5960 Heisley Road Mentor Ohio 44060
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/001348	(72)Name of Inventor :
Filing Date	:01/08/2011	1)KAISER Herbert J.
(87) International Publication No	:WO 2012/023963	2)KLEIN Daniel A.
(61) Patent of Addition to Application	:NA	3)THANAVARO Anthalee
Number	:NA	4)SHAVER Miranda Chevon
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(54) Title of the invention : AN EXTREME TEMPERATURE AQUEOUS DECONTAMINATION COMPOSITION

(57) Abstract :

An extreme temperature decontaminati on composition such as a solution for destroying microorganisms chemical warfare and bioterrorism agents is utilized that generally does not freeze at low temperatures down to about minus 25 °F and also has no significant evaporation or decomposition at temperatures up to about 120 °F. The solution is effective against nerve agents and vesicants such as VX and HD and various biological agents. The composition comprises a metallic salt of dichloroisocyanuric acid or dibromoisocyanuric acid an aqueous solvent system comprising polar compounds such as water and an alkyl glycol and a quasi hydrophilic compound. The composition can be formulated as a one part system wherein all components are blended together.

No. of Pages : 36 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : 2 FLUORO SUBSTITUTED CARBA NUCLEOSIDE ANALOGS FOR ANTIVIRAL TREATMENT

(51) International classification	:C07D487/04,A61K31/41	(71)Name of Applicant :
(31) Priority Document No	:12/885917	1)GILEAD SCIENCES INC.
(32) Priority Date	:20/09/2010	Address of Applicant :333 Lakeside Drive Foster City CA
(33) Name of priority country	:U.S.A.	94404 U.S.A.
(86) International Application No	:PCT/US2011/029441	(72)Name of Inventor :
Filing Date	:22/03/2011	1)CHO Aesop
(87) International Publication No	:WO 2012/039791	2)KIM Choung
(61) Patent of Addition to Application	:NA	3)RAY Adrian
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided are select imidazo[1 2 f][1 2 4] triazinyl nucleosides nucleoside phosphates and prodrugs thereof wherein the 2 position of the nucleoside sugar is substituted with halogen and carbon substituents. The compounds compositions and methods provided are useful for the treatment of virus infections particularly hepatitis C infections caused by both wild type and mutant strains of HCV. Formula (I)

No. of Pages : 203 No. of Claims : 20

(22) Date of filing of Application :12/02/2013

(54) Title of the invention : COMPOSITIONS COMPRISING THIOL TERMINATED POLYMERS AND SULFUR CONTAINING ETHYLENICALLY UNSATURATED SILANES AND RELATED CURED SEALANTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:PCT/US2011/047566 :12/08/2011 :WO 2012/021793 :NA :NA	 (71)Name of Applicant : 1)PRC DESOTO INTERNATIONAL INC. Address of Applicant :5430 San Fernando Road Sylmar California 91209 U.S.A. (72)Name of Inventor : 1)KELEDJIAN Raquel 2)LIN Renhe 3)RAO Chandra B. 4)VIRNELSON Bruce
Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed are compositions that include: a) a thiol terminated polymer; and b) a sulfur containing ethylenically unsaturated silane. Related products such as sealants that include polymers derived from such compositions are also disclosed.

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

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEMS AND METHODS OF PROVIDING COMMUNICATIONS SERVICES

(51) International classification	n:H04L12/16,H04L9/32,H04L29/06	(71)Name of Applicant :
(31) Priority Document No	:61/512265	1)VONAGE NETWORK LLC
(32) Priority Date	:27/07/2011	Address of Applicant :23 Main Street Holmdel NJ 07733
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No Filing Date	:PCT/US2012/048591 :27/07/2012	(72)Name of Inventor :1)CANNON Eugene Peter2)MA Ka yui Kevin
(87) International Publication No	:WO 2013/016654	3)ERICKSON John R.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:NA :NA :NA	
Number Filing Date	:NA	

(57) Abstract :

An IP telephony system allows users of the IP telephony system to register extension telephony devices with the IP telephony system. An extension telephony device is one that is provided with service by a separate telephony service provider. Once an extension telephony device is registered a user can obtain communications services from the IP telephony system using the extension telephony device. A extension telephony device may be tied to a user s main telephony services account with the IP telephony system such that when the user obtains communications services from the IP telephony system using an extension telephony device the user will be billed for those communications services through the user s main account.

No. of Pages : 48 No. of Claims : 43

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHODS FOR MAKING CURED SEALANTS BY ACTINIC RADIATION AND RELATED COMPOSITIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08G75/02,C08L81/02,C09J181/02 :12/855729 :13/08/2010 :U.S.A. :PCT/US2011/047544 :12/08/2011 ^{on} :WO 2012/021781 :NA :NA :NA	 (71)Name of Applicant : 1)PRC DESOTO INTERNATIONAL INC. Address of Applicant :5430 San Fernando Road Sylmar California 91209 U.S.A. (72)Name of Inventor : 1)KELEDJIAN Raquel 2)LIN Renhe 3)RAO Chandra B. 4)VIRNELSON Bruce
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(57) Abstract :

Disclosed are methods for making a cured sealant. The methods include depositing an uncured sealant composition on a substrate and exposing the uncured sealant composition to actinic radiation to provide a cured sealant. The uncured sealant composition includes a thiol terminated polythioether and a polyene comprising a polyvinyl ether and/or a polyallyl compound. Related sealant compositions are also disclosed.

No. of Pages : 34 No. of Claims : 26

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A NOVEL CLASS OF OLEFIN METATHESIS CATALYSTS METHODS OF PREPARATION AND PROCESSES FOR THE USE THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	n :B01J31/18,B01J37/04,C07F15/00 :12/890315 :24/09/2010 :U.S.A. :PCT/US2011/052109 :19/09/2011 :WO 2012/040088	 (71)Name of Applicant : 1)EXXONMOBIL CHEMICAL PATENTS INC. Address of Applicant :5200 Bayway Drive Baytown TX 77520 2101 U.S.A. (72)Name of Inventor : 1)HOLTCAMP Matthew W. 2)BEDOYA Matthew S. 3)MCCULLOUGH Laughlin G.
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

This invention relates to a metathesis catalyst comprising (i) a Group 8 metal hydride dihydrogen complex represented by the formula (I); wherein M is a Group 8 metal; X is an anionic ligand; and Land L are neutral donor ligands; and (ii) a ligand exchange agent represented by the formula J Y wherein J is selected from the group consisting of hydrogen a C to C hydrocarbyl and a C to C substituted hydrocarbyl; and Y is selected from the group consisting of halides alkoxides aryloxides and alkyl sulfonates.

No. of Pages : 57 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : BIOCIDAL COMPOSITION			
(51) International classification	:A01N57/34,A01P1/00	(71)Name of Applicant :	
(31) Priority Document No	:NA	1)DOW GLOBAL TECHNOLOGIES LLC	
(32) Priority Date	:NA	Address of Applicant :2040 Dow Center Midland Michigan	
(33) Name of priority country	:NA	48674 U.S.A.	
(86) International Application No	:PCT/CN2010/075974	(72)Name of Inventor :	
Filing Date	:13/08/2010	1)JI Kathy Jing	
(87) International Publication No	:WO 2012/019360	2)WEN Zhengqun	
(61) Patent of Addition to Application	:NA		
Number	:NA :NA		
Filing Date	.117		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

A biocidal composition comprising tributyl tetradecyl phosphonium chloride and tetrakis(hydroxymethyl)phosphonium sulfate at a weight ratio of 2:1 to 1:10 and its use for the control of microorganisms in aqueous and water containing systems.

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

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : STABLE FORMULATIONS OF NEISSERIA MENINGITIDIS RLP2086 ANTIGENS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:23/08/2010 :U.S.A. :PCT/IB2011/053684 :22/08/2011 :WO 2012/025873 :NA :NA	 (71)Name of Applicant : 1)WYETH LLC Address of Applicant :Five Giralda Farms Madison New Jersey 07940 U.S.A. (72)Name of Inventor : 1)KHANDKE Lakshmi 2)ARUMUGHAM Rasappa 3)LOUN Bounthon
Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to stable formulations of Neisseria meningitis r LP2086 Subfamily B Antigens in immunogenic compositions. The present invention also relates to methods of preserving the conformation of Neisseria meningitis rLP2086 Antigens and methods for determining the potency of Neisseria meningitis r LP2086 antigens.

No. of Pages : 93 No. of Claims : 107

(19) INDIA

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (2) Disjoined to Application Nome 	:10 2010 036 332.4 :12/07/2010 :Germany :PCT/EP2011/061873 :12/07/2011 :WO 2012/007469 :NA :NA	 (71)Name of Applicant : 1)DREISTEGEN GMBH Address of Applicant :Dreistegen 7 9 52156 Monschau Germany 2)HOEDTKE GMBH & CO. KG (72)Name of Inventor : 1)KAYSER Oliver
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : PROCESS FOR COATING A SUBSTRATE BY MEANS OF AN ARC

(57) Abstract :

The invention relates to a process and an evaporator (12 14 62 64 66 68) for coating a substrate by means of an arc in a vacuum chamber (10) in the case of low pressure arc evaporation wherein the vacuum chamber (10) has at least one evaporator (12 14 62 64 66 68) which comprises a target material (20) reactive gas supply lines (53 54) for supplying reactive gas and a vacuum pump wherein the evaporator (12 14 62 64 66 68) comprising the target material (20) serves as the cathode and the inner wall (36) of the vacuum chamber (10) serves as the anode between which the arc is generated. According to the invention high melting metal is used as the target material (20) for catalysis and the pressure in the vacuum chamber (20) during coating is at least 0.5 Pa in particular at least 3 Pa preferably 5 Pa. A layer of catalytically active metal having a high oxygen content is formed on the substrate.

No. of Pages : 21 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

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(51) International classification	:F16H55/36,F16D43/21	(71)Name of Applicant :
(31) Priority Document No	:2010193935	1)Mitsuboshi Belting Ltd.
(32) Priority Date	:31/08/2010	Address of Applicant :1 21 Hamazoe dori 4 chome Nagata ku
(33) Name of priority country	:Japan	Kobe shi Hyogo 6530024 Japan
(86) International Application No	:PCT/JP2011/069669	(72)Name of Inventor :
Filing Date	:30/08/2011	1)ISHIDA Tomokazu
(87) International Publication No	:WO 2012/029815	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : PULLEY STRUCTURE

(57) Abstract :

Provided is a pulley structure in which the action of excessive force on a coil spring can be suppressed to prevent damage to the coil spring variation in friction torque can be suppressed and the degree of freedom in the design can be increased by freely varying the friction torque. A drive pulley structure (1) has: a cylindrical pulley member (2) around which a transmission belt (106) is wound; a hub structure (3) provided to the inner side of the pulley member (2) so as to be capable of rotating relative to the pulley member (2); a coil spring (4) fixed at one end (4a) to the hub structure (3); a tapered section (5) to which the other end (4b) of the coil spring (4) is fixed the tapered section (5) having a conical surface for which the rotational axis (J) of the hub structure (3) serves as the cone axis; and a friction member (6) interposed between the conical surface of the tapered section (5) and the pulley member (2); the coil spring (4) being interposed while compressed in the direction of the rotational axis (J) of the hub structure (3); and the tapered section (5) the friction member (6) and the pulley member (2) being pressed together by the return force (P) of the coil spring (4).

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

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ELECTRICAL CONTACT ARRANGEMENT ESPECIALLY FOR AN AIR INSULATED MEDIUM VOLTAGE CIRCUIT BREAKER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	1 :H01H1/38,H01H33/12,H01H1/44 :10008456.5 :13/08/2010 :EPO	 (71)Name of Applicant : 1)ABB TECHNOLOGY AG Address of Applicant :Affolternstrasse 44 CH 8050 Zurich Switzerland
 (86) International Application No Filing Date (87) International Publication No 	:PCT/EP2011/004058 :12/08/2011 :WO 2012/019773	(72)Name of Inventor :1)REUBER Christian2)GENTSCH Dietmar
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The invention relates to an electrical contact arrangement for medium to high voltage applications comprising a contact arra (1) having a distal end section (2) on which a circular shaped annulus arrangement consisting of several axially and parallel directed contact fingers (3) is arranged which are pressed on the contact arm (1) via respective radially directed connection sections (4) by a spring ring (5) which is peripherally arranged around the contact fingers (3) wherein the distal end section (2) of the contact arm (1) comprises a first ring shaped surface (6b) and an adjacent second ring shaped surface (6a) so that the connection section (4) of each contact finger (3) is pressed to at least both ring shaped surfaces (6a 6b).

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : SLIDING MEMBER AND METHOD FOR PRODUCING 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 	:PCT/JP2011/056729 :22/03/2011 :WO 2012/014522 :NA :NA	 (71)Name of Applicant : 1)TAIHO KOGYO Co. Ltd. Address of Applicant :65 Midorigaoka 3 chome Toyota shi Aichi 4718502 Japan (72)Name of Inventor : 1)NOMURA Satoshi 2)HATTA Masaharu 3)KANEMITSU Hiroshi
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(57) Abstract :

The flat sliding surface (3) of the disclosed hemispherical shoe (sliding member) (1) is quenched forming a quenched section (7). A portion of the quenched sliding surface is partially annealed forming an annealed section (6). The annealed section (6) is compression molded in a manner so that the surface thereof forms a concavity (6A) when oil film pressure acts on the abovementioned sliding surface (1). A residual quenched section (8) may remain at the center portion of the abovementioned annealed section (6). As it is possible to use the abovementioned concavity (6A) as an oil reservoir or an oil flow path it is possible to secure excellent seize resistance.

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

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PUMP UNIT FOR FEEDING FUEL PREFERABLY DIESEL FUEL TO AN INTERNAL COMBUSTION ENGINE AND ASSOCIATED ASSEMBLY METHOD

(31) Priority Document No(32) Priority Date	n :F02M59/10,F04B1/04,F04B53/14 :MI2010A001594 :01/09/2010	1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:Italy :PCT/EP2011/064537 :24/08/2011 :WO 2012/028507	Germany (72)Name of Inventor : 1)RIGLIETTI Gaetano
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

In order to draw fuel inside a cylinder (5) of a pump unit a piston (7) is displaced along the cylinder (5) by a spring (10) arranged between a pump body (2) and a support plate (11) which is mounted on the piston (7) and has a seat (14) for inserting the piston (7) through the support plate (11) a seat (15) for engaging the piston (7) in the support plate (11) and a communicating section (16) for allowing the piston (7) to pass between the insertion seat (14) and the engaging seat (15); the communicating section (16) being bounded laterally by two elastically deformable arms (17) each having a respective free end (18).

No. of Pages : 14 No. of Claims : 17

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR DETERMINING A MALFUNCTION IN A SERVICE OR PARKING BRAKE IN A VEHICLE REGULATING AND CONTROL APPLIANCE FOR CARRYING OUT SAID METHOD AND PARKING BRAKE COMPRISING SUCH A REGULATING AND CONTROL APPLIANCE

Filing Date :NA	 classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:PCT/EP2011/062032 :14/07/2011 :WO 2012/031803 :NA :NA	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart (72)Name of Inventor : 1)BAEHRLE MILLER Frank 2)BLATTERT Dieter 3)PUTZER Tobias
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(57) Abstract :

The invention relates to a method for determining a malfunction in a service or parking brake comprising an electromotive brake device and a hydraulic brake device for producing a clamping force. According to said method, an error in the hydraulic brake device is identified when a motor parameter of the electric brake motor lies outside a reliable range.

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

(22) Date of filing of Application :12/02/2013

(54) Title of the invention : PANTHENYL DOCOSAHEXAENEOATE AND ITS USE FOR TREATING AND PREVENTING CARDIOVASCULAR DISEASES

(51) International classification	:C07C235/08,A61K31/164	(71)Name of Applicant :
(31) Priority Document No	:1056560	1)PIERRE FABRE MEDICAMENT
(32) Priority Date	:11/08/2010	Address of Applicant :45 place Abel Gance F 92100 Boulogne
(33) Name of priority country	:France	Billancourt France
(86) International Application No	:PCT/EP2011/063854	(72)Name of Inventor :
Filing Date	:11/08/2011	1)LANTOINE ADAM FrÃdÃrique
(87) International Publication No	:WO 2012/020094	2)LETIENNE Robert
(61) Patent of Addition to Application	:NA	3)DUPONT PASSELAIGUE Elisabeth
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	r :NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the docosahexaenoatepanthenyl of the following formula: It also relates to a method for preparing same and to a pharmaceutical composition comprising same and to the use of same in the treatment or the prevention of cardiovascular diseases in particular atrial fibrillation.

No. of Pages : 20 No. of Claims : 7

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PREPARING WHITE PAPER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:D21H21/28,D21H21/30,D21H21/32 :10 007 659.5 :23/07/2010	 (71)Name of Applicant : 1)CLARIANT FINANCE (BVI) LIMITED Address of Applicant :Citco Building Wickhams Cay P.O. Box 662 Road Town Tortola VIRGIN ISLANDS (72)Name of Inventor : 1)GRETHER SCHENE Heidrun 2)KLEIN Cedric 3)BREVEAUD Frederic 4)ATKINSON David 5)JACKSON Andrew Clive
Application Number Filing Date	:NA :NA	

(57) Abstract :

Object of the invention is the method for preparing white paper which comprises adding to the pulp mass an aqueous formulation 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 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 wherein R and R may be the same or different and each is hydrogen C C linear or branched alkyl C C linear or branched hydroxyalkyl CHC0 CHCHCONH or CHCHCN Rand R may be the same or different and each is CC linear or branched alkyl C C linear or branched hydroxyalkyl CC 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; R3 signifies hydrogen CO or SO and p is 0 1 or 2 and at least one shading dye of formula (II) in which R signifies H methyl or ethyl R5 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 Ci C4 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 optionally one or more auxiliaries and water.

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

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : APPARATUS AND METHODS FOR REAL TIME COMMUNICATION IN DRILL STRINGS

(51) International classification	:E21B47/12,E21B47/01,E21B47/00	(71)Name of Applicant : 1)BAKER HUGHES INCORPORATED
(31) Priority Document No	:61/371563	Address of Applicant :PO Box 4740 Houston Texas 77210
(32) Priority Date	:06/08/2010	4740 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2011/046896 :08/08/2011	1)TRINH Tu Tien 2)SULLIVAN Eric
(87) International Publication No	:WO 2012/019183	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A drill pipe made according to one embodiment includes a number of serially connected tubulars with a communication device placed between the connecting ends of the tubulars wherein the communication device provides a direct data communication link between the adjoining tubulars.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:D01G15/88	(71)Name of Applicant :
(31) Priority Document No	:10172265.0	1)NV BEKAERT SA
(32) Priority Date	:09/08/2010	Address of Applicant :Bekaertstraat 2 B 8550 Zwevegem
(33) Name of priority country	:EPO	Belgium
(86) International Application No	:PCT/EP2011/061742	2)BEKAERT CARDING SOLUTIONS NV
Filing Date	:11/07/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/019841	1)VANGHELUWE Lieven
(61) Patent of Addition to Application	:NA	2)FURNIER Philip
Number	:NA :NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : WIRE PROFILE FOR CARD CLOTHING

(57) Abstract :

A wire profile having a rib portion and plurality of teeth over the length of said rib portion wherein said plurality of teeth is inclined at an angle with respect to the said rib portion wherein said teeth has a front portion and a back portion wherein said front portion is the inner portion of the said teeth leaning towards the rib portion and said back portion is the outer portion of the said teeth and wherein at least one teeth with said back portion comprises at least one nose cut segment.

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

(54) Title of the invention : SYNTHESIS FOR THIAZOLIDINEDIONE COMPOUNDS

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification :C07D417/12 (71)Name of Applicant : (31) Priority Document No 1)METABOLIC SOLUTIONS DEVELOPMENT :61/372269 (32) Priority Date :10/08/2010 **COMPANY LLC** (33) Name of priority country Address of Applicant :161 East Michigan Avenue 4th Floor :U.S.A. :PCT/US2011/046992 Kalamazoo MI 49007 U.S.A. (86) International Application No (72)Name of Inventor : Filing Date :09/08/2011 (87) International Publication No :WO 2012/021467 1)TANIS Steven P. (61) Patent of Addition to Application 2)PARKER Timothy :NA Number 3)GADWOOD Robert C. :NA Filing Date 4)ZELLER James R. (62) Divisional to Application Number :NA 5)ARTMAN Gerald D. III Filing Date 6)LARSEN Scott D. :NA

(57) Abstract :

The present invention provides novel methods for synthesizing PPARy sparing compounds e.g. thiazolidinediones that are useful for preventing and/or treating metabolic disorders such as diabetes obesity hypertension and inflammatory diseases.

No. of Pages : 46 No. of Claims : 42

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : ARRANGEMENT FOR MAINTAINING A DESIRED OPERATING TEMPERATURE OF A BATTERY 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 Filing Date 	:B60H1/32,H01M10/50 :1050849-7 :12/08/2010 :Sweden :PCT/SE2011/050954 :19/07/2011 :WO 2012/021104 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SCANIA CV AB Address of Applicant :S 151 87 SÃdertÃlje Sweden (72)Name of Inventor : 1)KARDOS Zoltan 2)HALL Ola
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(57) Abstract :

The present invention relates to an arrangement for maintaining a desired operating temperature of a battery (8) in a vehicle (1). The arrangement comprises a cooling system (12) with a circulating coolant. The cooling system comprises a radiator (14) in which the coolant is intended to be cooled and a heat transfer region (12a) in which the coolant is in contact with the battery (8). The arrangement comprises also an AC installation with a circulating refrigerant. The AC circuit comprises a first circuit with a first evaporator (21) in which a refrigerant is intended to cool air in a driving cab space (2) of the vehicle (1) and a first condenser (17) in which the refrigerant is intended to release thermal energy. The AC installation comprises a second circuit with a second evaporator (26) in which the refrigerant is intended to cool the coolant in the cooling system (12) and a second condenser (24) in which the refrigerant is intended to warm the coolant in the cooling system (12).

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

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ANTI CANCER ADENOVIRUSES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (63) Date (64) Patent of Addition to (65) Divisional to (7) Application Number (7) Application Number	Address of Applicant :10010 North Torrey Pines Road La Jolla California 92037 U.S.A. (72)Name of Inventor : 1)OSHEA Clodagh 2)POWERS Colin
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(57) Abstract :

Anti cancer adenoviruses methods of use and methods of making the same are provided herein.

No. of Pages : 104 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : FIBRE REINFORCED INSULATION MATERIAL FOR EMBEDDED VACUUM INTERRUPTERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10008457.3 :13/08/2010 :EPO :PCT/EP2011/004059 :12/08/2011 :WO 2012/019774 :NA :NA	 (71)Name of Applicant : 1)ABB TECHNOLOGY AG Address of Applicant :Affolternstrasse 44 CH 8050 Zurich Switzerland (72)Name of Inventor : 1)SHANG Wenkai 2)HUMPERT Christof
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(57) Abstract :

The present invention is concerned with the embedding of vacuum interrupters in particular with a vacuum interrupter (300) embedded in an insulating material (301) the insulating material (301) comprising a first main layer (100) having a first sub layer (101) a second sub layer (102) and a third sub layer (103). The second sub layer (102) is arranged between the first sub layer (101) and the third sub layer (103). The first sub layer (101) the second sub layer (102) and the third sub layer (103) comprise fibres wherein the first sub layer (101) comprises a group of first fibres (110) which are arranged in parallel with respect to each other.

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

(21) Application No.1072/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESS FOR PRODUCING NON ORIENTED ELECTROMAGNETIC STEEL SHEET

	n:C21D8/12,C22C38/00,C22C38/06	
(31) Priority Document No	:2010175580	1)NIPPON STEEL & SUMITOMO METAL
(32) Priority Date	:04/08/2010	CORPORATION
(33) Name of priority country	:Japan	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
 (86) International Application No Filing Date (87) International Publication 	:PCT/JP2011/067409 :29/07/2011	Tokyo 1008071 Japan (72)Name of Inventor : 1)KUBOTA Takeshi 2)FUJIKURA Masahiro
No	:WO 2012/017933	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A steel strip i s formed by subjecting steel having a predetermined compos jected to first cold rolling, the steel strip i s then subjected to intermediate annealing, the rolling, and the steel strip i s then subjected to finish annealing. The finishing temperature 900 $^{\circ}$ C . N o annealing i s performed between the hot rolling and the first cold rolling. The rolling i s 40-85% inclusive.

No. of Pages : 29 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : HINGED SHIELD ASSEMBLIES AND RELATED METHODS :A61M5/32,A61M5/178 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)B. BRAUN MELSUNGEN AG :61/416257 (32) Priority Date Address of Applicant :Carl Braun Strasse 1 34212 Melsungen :22/11/2010 (33) Name of priority country :U.S.A. Germany (86) International Application No 2)B. BRAUN MEDICAL INC. :PCT/US2011/061825 Filing Date :22/11/2011 (72)Name of Inventor : (87) International Publication No :WO 2012/071400 1)BUBENIK Janko (61) Patent of Addition to Application 2)HECKMANN Harald :NA Number **3)HARMS Volker** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Embodiments of the shield assemblies include a shield that is pivotably secured to a needle hub. A ball and socket hinge secures the shield and the hub to one another. The assembly includes a reversible shield lock to hold the shield in the needle protected position.

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

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : NOVEL PROCESS FOR THE PREPARATION OF 9 DEOXO 9A AZA 9A HOMOERYTHROMYCIN A MODIFIED IN THE C 4 OF THE CLADINOSE RING BY AN EPOXIDE GROUP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07H1/00,C07H17/08 :01539/10 :20/09/2010 :Switzerland :PCT/EP2011/066205 :19/09/2011 :WO 2012/038372 :NA :NA :NA	 (71)Name of Applicant : 1)NOVARTIS AG Address of Applicant :Lichtstrasse 35 CH 4056 Basel Switzerland (72)Name of Inventor : 1)GARCIA Rafael 2)MARTORELL Oriol 3)CODONY Albert
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(57) Abstract :

The present invention concerns a process for the preparation of the compound of formula (1). The compound of formula (1) is the key intermediate in the synthesis of some antibacterial agents of the triamilide class such as Tulathromycin useful to treat bacterial and protozoa infections.

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

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : NOVEL MICROBIOCIDES

(51) International classification:C07D213/53,C07D213/61,C07D213/64(31) Priority Document No:10178593.9(32) Priority Date:23/09/2010(33) Name of priority country:EPO(86) International Filing Date:PCT/EP2011/066553(87) International Filing Date:WO 2012/038521(87) International Filing Date:NA(61) Patent of Addition to Filing Date:NA(62) Divisional to Filing Date:NA(52) Divisional to Filing Date:NA	 (71)Name of Applicant : 1)SYNGENTA PARTICIPATIONS AG Address of Applicant :Schwarzwaldallee 215 CH 4058 Basel Switzerland (72)Name of Inventor : 1)ZAMBACH Werner 2)STIERLI Daniel 3)NEBEL Kurt 4)BORTOLATO Andrea 5)MASSOL FRIEH Clara
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(57) Abstract :

The present invention provides compounds of formula (I) wherein R R A X D D and Y are as defined in the claims. The invention further provides intermediates used in the preparation of these compounds to compositions which comprise these compounds and to their use in agriculture or horticulture for controlling or preventing infestation of plants by phytopathogenic microorganisms preferably fungi.

No. of Pages : 215 No. of Claims : 21

(22) Date of filing of Application :12/02/2013

(54) The of the invention . BODDIN WIN	DING DEVICE	
(51) International classification	:B65H67/08	(71)Name of Applicant :
(31) Priority Document No	:2010160968	1)Murata Machinery Ltd.
(32) Priority Date	:15/07/2010	Address of Applicant :3 Minami Ochiai cho Kisshoin Minami
(33) Name of priority country	:Japan	ku Kyoto shi Kyoto 6018326 Japan
(86) International Application No	:PCT/JP2011/003621	(72)Name of Inventor :
Filing Date	:24/06/2011	1)IMAMURA Yuji
(87) International Publication No	:WO 2012/008101	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : BOBBIN WINDING DEVICE

(57) Abstract :

Provided is a yarn winding machine that is able to improve the degree of 5 freedom in a layout and also able to guide a yarn to a yam joining device in a short time. Means therefor is as follows. An automatic winder includes a bobbin support part (7), a yarn accumulation device (1a), a winding part (a), a yarn joining device (14), and an upper yarn guide part. The bobbin support part (7) supports a yarn supply bobbin (21). The yarn accumulation device (18) accumulates a yarn (20) unwound from the yarn 10 supply bobbin (21). The winding part (8) winds the yarn (20) accumulated on the yarn accumulation device (1 a), to form a package (30). The upper yarn guide part pulls out a yarn from the yam accumulation device (1 a), and guides the yarn to the yarn joining device (14). The upper yarn guide part includes: a guide tube (34) that pulls out the yarn (20) accumulated on the yarn accumulation device (1 8) and blows off the yarn toward the 15 bobbin support part (7) side; and an upper yarn catch part (13) that catches the yarn (20) blown off by the guide tube (34) and introduces the yarn to the yam joining device (14).

No. of Pages : 74 No. of Claims : 10

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR OPTIMIZING PARAMETERS OF ORTHOPAEDIC PROCEDURES

(51) International classification	n:A61F2/46,A61B5/107,G06F17/50	(71)Name of Applicant :
(31) Priority Document No	:61/373646	1)SMITH & NEPHEW INC.
(32) Priority Date	:13/08/2010	Address of Applicant :7135 Goodlett Farms Parkway Cordova
(33) Name of priority country	:U.S.A.	TN 38016 U.S.A.
(86) International Application	:PCT/US2011/047775	(72)Name of Inventor :
No	:15/08/2011	1)MC KINNON Brian W.
Filing Date	.15/08/2011	2)MARINESCU TANASOCA Ruxandra Cristiana
(87) International Publication	:WO 2012/021894	3)WINEBARGER Randy
No	. WO 2012/021894	4)BOWERS William L.
(61) Patent of Addition to	:NA	5)WIEBE James B.
Application Number	:NA :NA	6)LENZ Nathaniel M.
Filing Date	.INA	7)WILKINSON Zachary C.
(62) Divisional to Application	:NA	8)HADDOCK Sean M.
Number	:NA :NA	9)LANDON Ryan L.
Filing Date	.11/2	

(57) Abstract :

Systems and methods for optimizing parameters of an orthopaedic procedure for a particular patient including parameters relating to the anatomic and biomechanic fit of an implant or implant system implanted into the patient s joint. These systems and methods may utilize patient specific information gathered pre operatively in conjunction with optimization algorithms to determine an optimal implant design and an optimal position and orientation for implantation of the implant into the particular patient s joint.

No. of Pages : 63 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SUBSTITUTE NATURAL GAS GENERATION

(57) Abstract :

A method and apparatus for producing a substitute natural gas stream to be added to a natural gas stream in which at least part of a refinery gas stream is reacted in a catalytic reactor to hydrogenate olefins into saturated hydrocarbons. The extent to which hydrogen and olefins are reacted in the catalytic reactor is controlled to reduce the concentration of olefins in the resulting substitute natural gas stream and to increase the interchangeability of the substitute natural gas stream with the natural gas. This control can be effectuated by by passing part of the refinery off gas to an intermediate product stream produced by the catalytic reactor and thereby forming the substitute natural gas stream from the by passed refinery gas stream and the intermediate product stream.

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

(19) INDIA

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

(51) International classification(31) Priority Document No(32) Priority Date	:H04W8/18,H04W8/22 :10 008 460.7 :13/08/2010	 (71)Name of Applicant : 1)DEUTSCHE TELEKOM AG Address of Applicant :Friedrich Ebert Allee 140 53113 Bonn
(33) Name of priority country	:EPO	Germany
(86) International Application No	:PCT/EP2011/004065	(72)Name of Inventor :
Filing Date	:12/08/2011	1)NENNER Karl Heinz
(87) International Publication No	:WO 2012/019776	2)KLATT Axel
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METHOD PUBLIC LAND MOBILE NETWORK USER EQUIPMENT AND PROGRAM

(57) Abstract :

The present invention relates to a method for providing network access to a User Equipment (20) wherein the network access comprises the access of the User Equipment (20) to a public land mobile network (10) wherein the User Equipment (20) comprises an identification information allowing the identification of the subscriber by the public land mobile network (10) wherein the identification comprises a first identity or communication context information and a second identity or communication context information wherein the first identity or communication context information relates to the use of the User Equipment (20) according to a first mode of operation being defined at least partly by a first configuration information stored in the User Equipment (20) and wherein the second identity or communication context information relates to the use of the User Equipment (20) and wherein the second identity or communication context information relates to the use of the User Equipment (20) according to a second mode of operation the second mode of operation being defined at least partly by a second configuration information stored in the User Equipment (20) wherein the User Equipment (20) comprises a subscriber identity module at least partly comprises the first identity or communication context information and the second identity or communication context information and the first identity or communication context information wherein by means of accessing the public land mobile network (10) using the first identity or communication context information the first mode of operation the first mode of operation is applied and wherein by means of accessing the public land mobile network (10) using the first identity or communication context information the first mode of operation is applied and wherein by means of accessing the public land mobile network (10) using the first identity or communication context information the first mode of operation is applied wherein at least partly during operation of the User Equipment (20) t

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

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ENERGY EFFICIENT PRODUCTION OF CO2 USING SINGLE STAGE EXPANSION AND PUMPS FOR ELEVATED EVAPORATION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F25J3/06,B01D53/00,C01B31/20 :10007269.3 :14/07/2010 :EPO	 (71)Name of Applicant : 1)ALSTOM TECHNOLOGY LTD Address of Applicant :Brown Boveri Strasse 7 CH 5400 Baden Switzerland
 (86) International Application No Filing Date (87) International Publication No 	:PCT/IB2011/001471 :22/06/2011 :WO 2012/007808	(72)Name of Inventor : 1)STALLMAN Olaf
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:NA :NA	
Number Filing Date	:NA	

(57) Abstract :

A method and a plant for producing liquid CO2 out of combustion flue gases wherein the flue gas is partially condensed in a single stage phase separation the single stage phase separation comprising at least one heat exchanger (11 17) and a separation drum (19) wherein the at least one heat exchanger (11 17) is cooled by expanded offgas (23) and expanded liquid CO2 (3.3) and wherein a first part of the expanded C02 (3.3) is separated after having passed the at least one heat exchanger (17) into liquid C02 and gaseous C02 in an additional separation drum (33) wherein the gaseous C02 (3.4) and the liquid C02 (3.5) of the additional separation drum (33) are expanded to a first pressure level (flag 7d) wherein a second part of the liquid CO2 (3.6) of the separation drum (33) is expanded to a second pressure level (flag 7e) for cooling the flue gas in the at least one heat exchanger (17).

No. of Pages : 21 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND NETWORK FOR REALIZING NETWORK FUNCTION OF MOBILE SWITCHING CENTER POOL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W28/08 :201010225282.7 :09/07/2010 :China :PCT/CN2010/079046 :24/11/2010 :WO 2012/003690 :NA :NA :NA :NA	 (71)Name of Applicant : IZTE CORPORATION Address of Applicant :ZTE Plaza Keji Road South Hi Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China (72)Name of Inventor : ILU Yang LIU Haifang XU Rong MIN Hua
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(57) Abstract :

A method and a network for realizing net work function of Mobile Switching Center (MSC) pool are disclosed in the present invention, and the method according to the present invention includes the following steps: a Media Gate Way (MGW) performs an SCCP protocol connection-oriented intermediate node function processing on a signaling received from a Radio Access Node (RAN) node, and sends the processed signaling to an MSC server; and/or, the MGW determines whether a signaling received fiOm the MSC server needs to be intercepted, if the determination is positive, the MGW intercepts the received signaling, and performs the SCCP protocol connection-oriented intermediate node function processing on the intercepted signaling, and sends the processed signaling to the RAN node. With the method and the network according to the present invention, the network function of MSC pool is realized based on a large number of RAN nodes which do not support Iu-Flex/A- Flex function in the current network without upgrading or replacing all hardware, and thereby the input cost is saved.

No. of Pages : 31 No. of Claims : 16

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : HIGH STRENGTH STEEL SHEET EXHIBITING SUPERIOR STRETCH FLANGE FORMABILITY AND BENDABILITY AND METHOD OF PREPARING INGOT STEEL

(31) Priority Document No(32) Priority Date	:C22C38/06,C22C38/58,C21C7/04 :2011038956 :24/02/2011	(71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION
(33) Name of priority country	:Japan	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/JP2012/054384 :23/02/2012 :WO 2012/115181 :NA :NA :NA	Tokyo 1008071 Japan (72)Name of Inventor : 1)YAMAMOTO Kenichi 2)YAMAMURA Hideaki 3)TAKAHASHI Yuzo 4)KAWANO Osamu 5)KUME Kohsuke 6)HAJI Junji 7)MAEDA Daisuke 8)SUWA Yoshihiro

(57) Abstract :

The present invention provides a high strength steel sheet having the chemical components recited in the claims. The steel sheet contains composite inclusions that have: a first inclusion phase which includes Ca at least one of Ce La Nd and Pr and at least one of O and S; and a second inclusion phase which has different components from the first inclusion phase and includes at least one of Mn Si and Al. The composite inclusions form spherical composite inclusions that have an equivalent circle diameter of 0.5 5 μ m and the number of the spherical composite inclusions is at least 30% or more of the total number of inclusions having an equivalent circle diameter of 0.5 5 μ m.

No. of Pages : 136 No. of Claims : 24

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

(54) Title of the invention : QUICKLY REACTIVE COMPOSITION FOR PREPARING HARD POLYURETHANE FOAM WITH LOW DENSITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:PCT/CN2010/078012 :22/10/2010	 (71)Name of Applicant : 1)NANJING BAOXIN POLYURETHANE CO. LTD. Address of Applicant :3D 2 1 Chemical Industry Park Nanjing Jiangsu 210047 China (72)Name of Inventor : 1)RUI Jinggong 2)XING Yihui 3)KONG Desen 4)WANG Jinxiang
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	5)YUAN Haishun

(57) Abstract :

A quickly reactive composition for preparing hard polyurethane foam with low density is formulated with the following components: 100 parts by weight of high active combined material 8 28 parts by weight of blowing agent 105 155 parts by weight of polyisocyanate wherein the high active combined material is formulated with the following components: 100 parts by weight of mixed polyols 0.5 3.5 parts by weight of foam stabilizer 1.0 10 parts by weight of catalyst 0.5 3.0 parts by weight of water and 0.5 parts by weight of auxiliaries in which the blowing agents are a mixture of cyclopentane and HFC 365mfc a mixture of cyclopentane and HFC 245fa.

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

(19) INDIA

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PRODUCTION OF TRICHLOROSILANE AND SILICON FOR USE IN THE PRODUCTION OF TRICHLOROSILANE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C01B33/107 :20101148 :13/08/2010 :Norway :PCT/NO2011/000194 :06/07/2011 :WO 2012/021064 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ELKEM AS Address of Applicant :Hoffsveien 65B N 0377 Oslo Norway (72)Name of Inventor : 1)HOEL Jan Otto 2)KJENLI Henning 3)RONG Harry Morten 4)RÃ[*]E TorbjÃ_srn 5)BJÃ[*]RDAL Jostein
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(57) Abstract :

The present invention relates to a method for the production of trichlorosilane by reaction of silicon with HCI gas at a temperature between 250° and 1 100°C and an absolute pressure of 0.5 30 atm in a fluidized bed reactor in a stirred bed reactor or a solid bed reactor where the silicon supplied to the reactor contains between 40 and 10.000 ppm by weight barium and optionally 40 10000 ppm by weight copper The invention further relates to silicon for use in the production of trichlorosilane by reaction of silicon with HCI gas containing between 40 and 10.000 ppm by weight copper the remaining except for normal impurities being silicon.

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

(21) Application No.10794/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : REGULATED BOOTSTRAP POWER SUPPLY		
 (54) Title of the invention : REGULATE (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 		 (71)Name of Applicant : (71)Name of Applicant : 1)OTIS ELEVATOR COMPANY Address of Applicant :Ten Farm Springs Farmington Connecticut US U.S.A. (72)Name of Inventor : 1)MARVIN Daryl J. 2)MILLETT Steven M.
Filing Date	:NA	

(57) Abstract :

An exemplary power supply includes a low side switch and a high side switch. A driver controls operation of the high side switch. A bootstrap capacitor supplies power to the driver. An energy storage portion is in parallel with the bootstrap capacitor to provide control over whether a voltage of the bootstrap capacitor drops below a desired voltage. A voltage regulator is in parallel with the bootstrap capacitor for limiting current provided to the bootstrap capacitor and for regulating a voltage of the bootstrap capacitor.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS COMPRISING 4-AMINO-5-FLUORO-3-[6-(4-METHYLPIPERAZIN-1-YL)-1H-BENZIMIDAZOL-2-YL]-1H-QUINOLIN-2-ONE LACTATE MONOHYDRATE

(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:10168028.8	1)NOVARTIS AG
(32) Priority Date	:30/06/2010	Address of Applicant :Lichtstrasse 35 CH 4056 Basel
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2011/060949	(72)Name of Inventor :
Filing Date	:29/06/2011	1)THAKUR Jeewan
(87) International Publication No	:WO 2012/001074	2)QIU Zhihui
(61) Patent of Addition to Application	. NI A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A PHARMACEUTICAL COMPOSITION FOR ORAL ADMINISTRATION COMPRISING 4-AMINO-5-FLUORO-3-[6-(4-METHYLPIPERAZIN-1-YL)-1H-BENZIMIDAZOL-2-YL]-1H-QUINOLIN-2-ONE MONOLACTATE MONOHYDRATE, A FILLER IN AN AMOUNT OF 15 TO 70% BY WEIGHT, A DISINTEGRANT IN AN AMOUNT OF LESS THAN 15% BY WEIGHT, A GLIDANT AND/OR A LUBRICANT IN AN AMOUNT OF 0.1 TO 10% BY WEIGHT WHEREIN THE AMOUNTS BY WEIGHT ARE BASED ON THE TOTAL WEIGHT OF THE COMPOSITION.

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

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CELLULAR CERAMIC ARTICLES WITH COATED CHANNELS AND METHODS FOR MAKING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C04B41/87,F01N3/022,B01D46/24 :61/378486 :31/08/2010 r:U.S.A. :PCT/US2011/048406 :19/08/2011	 (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)BOGER Thorsten Rolf 2)CUTLER Willard A
Filing Date (87) International Publication No		3)DRURY Kenneth Joseph 4)ST. CLAIR Todd P 5)TEPESCH Patrick D
(61) Patent of Addition to Application Number Filing Date	:NA :NA	6)WIGHT John F. Jr.
(62) Divisional to Application Number Filing Date	¹ :NA :NA	

(57) Abstract :

Cellular ceramic articles are manufactured from a green cellular ceramic body that includes a binder material and a plurality of channels. At least one of the channels is coated with a slurry that includes a green coating composition and a solvent to form a coating layer. The binder material is insoluble in the solvent.

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

(19) INDIA

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEM FOR DISPENSING A STRIP OF ABSORBENT PRODUCT WOUND INTO A ROLL THAT COMPLIES 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 	:A47K10/16,A47K10/36 :10 56268 :29/07/2010 :France :PCT/FR2011/000412 :12/07/2011 :WO 2012/013871 :NA :NA	 (71)Name of Applicant : 1)SCA TISSUE FRANCE Address of Applicant :60 avenue de lEurope F 92270 Bois Colombes France (72)Name of Inventor : 1)CATTACIN Gilles 2)POMMIER Nicolas
Number Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention proposes a system comprising a roll (12) formed of a strip (2) comprising at least one characteristic mark (8) on the roll a dispenser which comprises means of identifying this mark (8) in order to determine whether a new roll fitted into the dispenser is a roll that complies therewith characterized in that said mark (8) is present on a free end portion of the new roll and in that this marked free end portion is followed by at least one portion that does not comprise any characteristic mark (8) of the roll.

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

(19) INDIA

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : POSITION INFORMATION AGGREGATION DEVICE AND POSITION INFORMATION AGGREGATION 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 (62) Divisional to Application Number 	:G06Q10/00 :2010230690 :13/10/2010 :Japan :PCT/JP2011/073590 :13/10/2011 :WO 2012/050176 :NA :NA :NA :NA	 (71)Name of Applicant : 1)NTT DOCOMO INC. Address of Applicant :11 1 Nagatacho 2 chome Chiyoda ku Tokyo 1006150 Japan (72)Name of Inventor : 1)KOBAYASHI Motonari 2)TERADA Masayuki 3)OKAJIMA Ichiro
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(57) Abstract :

A position information aggregation device is provided with: a position information receiving unit (111) that receives position information regarding the positions of multiple mobile communication terminals (2) including a user ID specifying the user of a mobile communication terminal (2) and an address code indicating the address of the user corresponding to each piece of position information; an acquisition rate calculation unit (123) that uses demographic data and the position information for each narrow area in a predetermined wide area to calculate a position information acquisition rate for each address code of multiple mobile communication terminals (2); and an aggregation unit (127) that extracts position information for a specific area based on the position information received by the position information receiving unit (111) and aggregates the population distribution in the specific area by mirroring the position information acquisition rates corresponding to the address codes contained in the position information.

No. of Pages : 118 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : POWER STORAGE SYSTEM		
(51) International allocification	110217/00 DC01 2/00 DC01 11/19	(71)Name of Applicant .
(51) International classification(31) Priority Document No	:H02J7/00,B60L3/00,B60L11/18 :2010186754	1)SUZUKI MOTOR CORPORATION
(32) Priority Date	:24/08/2010	Address of Applicant :300 Takatsuka cho Minami ku
(33) Name of priority country	:Japan	Hamamatsu shi Shizuoka 4328611 Japan
(86) International Application N	o:PCT/JP2011/066303	(72)Name of Inventor :
Filing Date	:19/07/2011	1)ITO Satoshi
(87) International Publication No.	D:WO 2012/026244	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.11A	

(57) Abstract :

The integrated control device (11) of a power storage system (1) acquires from the respective control devices (4A 4B) of unit modules (2A 2B) status information on the respective power storage devices (3A 3B) compares the acquired pieces of status information with one another and performs drive control of an electric load (6) on the basis of the worst value among the pieces of status information.

No. of Pages : 32 No. of Claims : 4

(21) Application No.1253/DELNP/2013 A

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : HYBRID STACKING SYSTEM 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 	:12/07/2010	 (71)Name of Applicant : 1)ENVIRONMENTAL CONTAINER SYSTEMS INC. D/B/A ECS COMPOSITES Address of Applicant :3560 Rogue River Highway Grants Pass OR 97528 U.S.A. (72)Name of Inventor : 1)BECKLIN Dennis M.
Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:WO 2012/009035 :NA :NA :NA	

(57) Abstract :

Universal wraps are used in the construction of a container centerbody. The wraps may take the form of a top and bottom wrap with complementary stacking patterns in which the wraps create the centerbody. The wraps permit stacking of different style containers regardless of which container is positioned as the bottom container. The universal wraps may include curved edge portions to seamlessly and aesthetically blend in with a side panel of the container. The stacking patterns of the wraps may take different forms with various shaped protuberances and recessed portions. Further one or more of the wraps may have isolation features attached to or integrally formed with an interior surface of the wrap.

No. of Pages : 16 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

(51) International classification	:H04R29/00	(71)Name of Applicant :
(31) Priority Document No	:61/373071	1)ALIPH INC.
(32) Priority Date	:12/08/2010	Address of Applicant :99 Rhode Island Street 3rd Floor San
(33) Name of priority country	:U.S.A.	Francisco CA 94103 U.S.A.
(86) International Application No	:PCT/US2011/047629	(72)Name of Inventor :
Filing Date	:12/08/2011	1)BURNETT Gregory C.
(87) International Publication No	:WO 2012/021832	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : CALIBRATION SYSTEM WITH CLAMPING SYSTEM

(57) Abstract :

Systems and methods are described for clamping a headset in a calibration system using a clamp system that includes a clamp platform and one or more spindles (e.g. cushion spindles) to minimize or eliminate issues associated with positioning of headsets. The clamp system comprises a mount having a receptacle. When a device is introduced to the mount the receptacle receives at least a portion of a device. The clamp system includes a clamp attached to the mount and having a first arm rotateably coupled to a second arm that controls the first arm between an open position and a closed position. A platform and at least one spindle are connected to the first arm. When the device is present in the receptacle and the first arm is in the closed position the spindle contacts the device and seats or secures the device in the receptacle.

No. of Pages : 78 No. of Claims : 112

(19) INDIA

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : IN PROCESS	SELECTRICAL CONNE	CTOR
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01R31/26 :61/371518 :06/08/2010 :U.S.A. :PCT/US2011/046562 :04/08/2011 :WO 2012/018992 :NA :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)HINKLE James 2)KHAN Imran 3)SANCHEZ Modesto 4)TRUMAN Thomas

(57) Abstract :

Characteristics of partially assembled photovoltaic modules can be determined using electrical connection apparatuses and methods.

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

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PRODUCING 1 TRIAZOLE 2 BUTANOL DERIVATIVE

 (51) International classification (31) Priority Document Not (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 		 (71)Name of Applicant : 1)KAKEN PHARMACEUTICAL CO. LTD. Address of Applicant :28 8 Honkomagome 2 chome Bunkyo ku Tokyo 1138650 Japan (72)Name of Inventor : 1)MIMURA Mitsuo 2)WATANABE Masahito 3)ISHIYAMA Nobuo 4)YAMADA Takuya
(87) International Publication No	:WO 2012/029836	4)TAMADA Takuya
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The purpose of the invention is to provide a method for producing a compound of formula (1) with high yield through a ring opening addition reaction of an amine with epoxytriazole under mild conditions without using a large excess amount of 4 methylenepiperidine. The method is a method for producing (2R 3R) 2 (2 4 difluorophenyl) 3 (4 methylenepiperidin 1 yl) 1 (1H 1 2 4 triazol 1 yl) butan 2 ol or an acid addition salt thereof and comprises reacting (2R 3S) 2 (2 4 difluorophenyl) 3 methyl 2 [(1H 1 2 4 triazol 1 yl)methyl]oxirane with an acid addition salt of 4 methylenepiperidine in a reaction solvent in the presence of a hydroxide of an alkali metal or an alkaline earth metal selected from the group consisting of lithium sodium calcium and strontium or a hydrate thereof.

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

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ELECTRIC WIRE PROTECTION STRUCTURE AND METHOD FOR MANUFACTURING ELECTRIC WIRE PROTECTION STRUCTURE

(51) International classification	:H02G3/04,H01B7/00,H01B7/17	
(31) Priority Document No	:2010178450	1)AutoNetworks Technologies Ltd.
(32) Priority Date	:09/08/2010	Address of Applicant :1 14 Nishisuehiro cho Yokkaichi shi
(33) Name of priority country	:Japan	Mie 5108503 Japan
(86) International Application	:PCT/JP2011/062579	2)Sumitomo Wiring Systems Ltd.
No	:01/06/2011	3)SUMITOMO ELECTRIC INDUSTRIES LTD.
Filing Date	.01/00/2011	(72)Name of Inventor :
(87) International Publication No.	o:WO 2012/020596	1)IGARASHI Shinichi
(61) Patent of Addition to	:NA	2)TAKIHARA Nobumasa
Application Number	:NA	3)SHIRAFUJI Yukihiro
Filing Date	.NA	4)MURATA Atsushi
(62) Divisional to Application	- NI A	5)SATOU Osamu
Number	:NA	6)TANIGAWA Satoshi
Filing Date	:NA	7)YAMAGIWA Masamichi

(57) Abstract :

An electric wire protection structure has a structure in which a branch portion of an electric wire bundle is protected. In the electric wire protection structure, a protection portion covers the branch portion of the electric wire bundle, the protection portion being formed by heating and compressing a thermoplastic material in a state of covering at least the branch portion of the electric wire bundle.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A01N37/30,A01N59/16,A01N59/20 :61/371906 :09/08/2010 :U.S.A. :PCT/US2011/046346 :03/08/2011 :WO 2012/021340 :NA :NA :NA	 (71)Name of Applicant : DOW GLOBAL TECHNOLOGIES LLC Address of Applicant :2040 Dow Center Midland MI 48674 U.S.A. ROHM AND HAAS COMPANY (72)Name of Inventor : SINGLETON Freddie L. GHOSH Tirthankar CAGLE Kimberly S.
Application Number Filing Date	:NA	

(57) Abstract :

A biocidal composition comprising 2 2 dibromomalonamide and a metal selected from silver copper and mixtures thereof and its use for the control of microorganisms in aqueous and water containing systems.

No. of Pages : 17 No. of Claims : 9

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND DEVICE FOR SETTING AN EMERGENCY OPERATIONAL MODE IN A SYSTEM WHICH DETECTS PRE IGNITIONS IN A COMBUSTION ENGINE AND WHICH CONTAINS ERRORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority 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/EP2011/063200 :01/08/2011 :WO 2012/031829 :NA :NA	 (71)Name of Applicant : ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : WUERTH Juergen KLUTH Carsten HAEMING Werner LUO Li
Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a method for setting an emergency operational mode in a system which detects pre ignitions in a combustion engine and which contains errors. The system consists of at least one sensor (17) and/or at least one sensor cable (24) and/or a sensor signal evaluation device (20) and is subject to a diagnosis to detect an error. In order to prevent damage to the combustion engine if the system for detecting pre ignitions does contain an error a standard path (26) which comprises sensor signal capturing sensor signal evaluation detection of pre ignitions and initiation of measures to counter the pre ignitions is interrupted when the diagnosis detects an error in the system (17 24 29) and a safety path (27) is activated as an emergency operational mode.

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

(19) INDIA

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MULTIPHASE CONVERTER COMPRISING MAGNETICALLY COUPLED PHASES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	•	 (71)Name of Applicant : ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : DRAESE Nils SCHINZEL Mirko
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(57) Abstract :

Disclosed is a multiphase converter comprising multiple phases (11 to 16) each of which can be triggered using switching means (21 to 26) at least one phase (11) being magnetically coupled to at least three other phases (12 14 16) by corresponding coupling means (31 36 37).

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

(19) INDIA

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:61/374580 :17/08/2010 :U.S.A. :PCT/US2011/048051 :17/08/2011 :WO 2012/024377	 (71)Name of Applicant : 1)ZOLTEK COMPANIES INC. Address of Applicant :3101 McKelvey Road St. Louis MO 63044 U.S.A. (72)Name of Inventor : 1)BUCKMILLER Daniel K. 2)JOHNS Rolf M.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : APPARATUS FOR COMPOSITE TAPE DISPENSING

(57) Abstract :

An apparatus to apply a resin impregnated tape to the surface of a molding tool (60) the apparatus including: an upper frame (12) rotatably mounted to a base frame (14) the upper frame having mounted thereon and rotatable therewith a spool holding assembly (16) for holding a spool of resin impregnated tape wound thereon a tape compaction assembly (18) including a compaction roller (48) configured to conform to the surface of the molding tool for compacting the resin impregnated tape onto the surface of the molding tool and a tape tensioning system (38) for exerting tension on the resin impregnated tape. The base frame includes a tracking system (20) for tracking the surface of the molding tool the base frame being reciprocally movable with respect to the surface of the molding tool.

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

(19) INDIA

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESS FOR THE SYNTHESIS OF BENZOTHIADIAZOLE COMPOUNDS

(51) International classification	:C07D417/14	(71)Name of Applicant :
(31) Priority Document No	:MI2010A001316	1)ENI S.P.A.
(32) Priority Date	:16/07/2010	Address of Applicant :Piazzale E. Mattei 1 I 00144 Roma Italy
(33) Name of priority country	:Italy	(72)Name of Inventor :
(86) International Application No	:PCT/IB2011/001650	1)SANTARELLI Samuele
Filing Date	:13/07/2011	2)RICCI Marco
(87) International Publication No	:WO 2012/007834	3)FUSCO Roberto
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract :

The invention relates to a significantly improved process for the preparation of benzothiadxazole compounds which can be used in the production of Luminescent Solar Concentrators, (LSC). In particular, the synthesis process of the present invention is oriented towards the preparation of 4, -di-2-thienyl- 2,1,3-benzo-thiadiazole.

No. of Pages : 28 No. of Claims : 17

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ADHESIVE COMPOSITION INCLUDING DEACETYLATED CHITOSAN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:10 55820 :16/07/2010 :France :PCT/FR2011/051687 :13/07/2011 o:WO 2012/007697	 (71)Name of Applicant : 1)UNIVERSITÉ BLAISE PASCAL CLERMONT II Address of Applicant :34 avenue Carnot F 63006 Clermont Ferrand Cedex 1 France 2)INSTITUT NATIONAL DE RECHERCHE EN SCIENCES ET TECHNOLOGIES POUR LENVIRONNEMENT ET LAGRICULTURE (72)Name of Inventor : 1)MATHIAS Jean Denis
	:NA :NA :NA :NA	

(57) Abstract :

The present invention relates to an adhesive composition including at least one deacetylated chitosan an acid and an additional compound.

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

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : EARLY APPLICATIONS OF ENCAPSULATED ACETAMIDES FOR REDUCED INJURY IN CROPS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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,A01N37/26,A01N33/18 :61/374984 :18/08/2010 :U.S.A. :PCT/US2011/048303 :18/08/2011 :WO 2012/024524 :NA :NA	 (71)Name of Applicant : MONSANTO TECHNOLOGY LLC Address of Applicant :800 North Lindbergh Boulevard St. Louis Missouri 63167 U.S.A. (72)Name of Inventor : FINDLEY Douglas A. PROSCH S. Douglas FALETTI Matthew T. PEREZ JONES Alejandro BRINKER Ronald J.
Application Number Filing Date	:NA	

(57) Abstract :

Methods of reducing injury to crop foliage and achieving weed control using encapsulated acetamide herbicides in pre plant or preemergence crop plant applications are described. A composition comprising a first population of a particulate microencapsulated acetamide herbicide and a second population of a particulate microencapsulated acetamide herbicide is described wherein the application mixture exhibits a bimodal acetamide release profile. The compositions provide reduced crop injury through controlled herbicide release.

No. of Pages : 210 No. of Claims : 107

(19) INDIA

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(51) International classification	:A61J11/02	(71)Name of Applicant :
(31) Priority Document No	:12/835590	1)ROYAL INDUSTRIES (THAILAND) PUBLIC
(32) Priority Date	:13/07/2010	COMPANY LIMITED
(33) Name of priority country	:U.S.A.	Address of Applicant :126 Moo 6 Sethakij 1 Road Omnoi
(86) International Application No	:PCT/TH2011/000019	Samut Sakorn 74130 Thailand
Filing Date	:07/06/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/008931	1)BOONPRASOP Pruck
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1 17 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : NIPPLE FOR A BABY CONTAINER WITH PRESSURE EQUALIZING VALVE

(57) Abstract :

A nipple comprising a teat a mounting flange coupled to the teat defining a valve cavity therein and a valve positioned with in the valve cavity in which the valve is configured to equalize differing pressures. A system and method comprising a container and a nipple configured to be selectively and sealingly coupled to the container in which the nipple further comprises a valve and valve cavity configured to equalize the pressure differences between the ambient environment and interior of the container in which the valve cavity has a minimum volumetric capacity of 0.9 cubic centimeters and in which the valve cavity has a stepped triangular cross section positioned at the bottom of the valve having a minimum wall thickness of 0.8 millimeters and a minimum height of 3.0 millimeters.

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

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PREPARING AN AMINO ACID FROM 2 AMINOBUTYROLACTONE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07C227/18,C07C271/02,C07C321/14 :10/58069 :05/10/2010 :France :PCT/FR2011/052302 :04/10/2011 :WO 2012/045967 ?:NA :NA :NA	 (71)Name of Applicant : 1)ADISSEO FRANCE S.A.S. Address of Applicant :Immeuble Antony Parc II 10 place du GÃnÃral de Gaulle F 92160 Antony France (72)Name of Inventor : 1)HUET Robert 2)JOERGER Jean Michel 3)HENRYON Vivien
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(57) Abstract :

The invention relates to a method for preparing an amino acid or the salts thereof from 2 aminobutyrolactone (2ABL) wherein said amino acid has formula I XCHCHCHNHCOOH where X is a nucleophilic ion and wherein according to the method the 2 aminobutyrolactone (2ABL) is N carboxylated by means of carbon dioxide and the resulting 2ABL carbamate is reacted with an XH reagent or the salts thereof.

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

(19) INDIA

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PREPARING A COMPLEX OF AN ACID AND A METAL (51) International classification :C07C51/41 (71)Name of Applicant : (31) Priority Document No 1)ADISSEO IRELAND LIMITED :10/57605 (32) Priority Date Address of Applicant :5th Floor St. Stephens Green Dublin 2 :22/09/2010 (33) Name of priority country :France Ireland (86) International Application No :PCT/FR2011/052171 (72)Name of Inventor : **1)LE THIESSE Jean Claude** Filing Date :21/09/2011 (87) International Publication No :WO 2012/038660 2) **REY Patrick** (61) Patent of Addition to Application **3)HENRYON Vivien** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to a method for preparing a complex of an acid selected from methionine 2 hydroxy 4 methylthiobutanoic acid (HMTBA) and lactic acid and at least one metal from said acid and an inorganic metal source according to which the acid is reacted with the inorganic metal source in an extruder.

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

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD OF MAKING 6 HYDROXYHEXANOPHENONE AND 5 BENZOYLPENTANOIC ACID AND MONO OR DIESTERS 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 	:C08K5/10 :61/371462 :06/08/2010 :U.S.A. :PCT/US2011/046526 :04/08/2011 :WO 2012/018969 :NA :NA :NA :NA	 (71)Name of Applicant : 1)EXXONMOBIL RESEARCH AND ENGINEERING COMPANY Address of Applicant :1545 Route 22 East P.O. Box 900 Annandale NJ 08801 0900 U.S.A. (72)Name of Inventor : 1)WANG Kun 2)DAKKA Jihad M. 3)MOZELESKI Edmund J. 4)BENITEZ Francisco M. 5)BAUGH Lisa S. 6)GODWIN Allen D. 7)SMIRNOVA Diana 8)ZUSHMA Stephen
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(57) Abstract :

Mono or diester plasticizers of the formula (I): wherein A is either OC(0)R or =0 and X is either COC(0)R or C(0)OR and R and R are C to C alkyl which are the same or different formed from cyclohexylbenzene and processes of making them.

No. of Pages : 53 No. of Claims : 40

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MODULAR RACKING 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 	:B32B3/00,G03F7/004,G03F7/20 :12/850687 :05/08/2010 :U.S.A. :PCT/US2011/044202 :15/07/2011 :WO 2012/018502 :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)HORN Brett 2)GOMEZ Erika

(57) Abstract :

The present application provides a modular racking system for use with a number of products. The modular racking system may include a number of support members and a number of shelves. The shelves may include a number of locking sections with a tapered cutout sized for one of the support members.

No. of Pages : 21 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : COMBINED USE OF FC GAMMA RIIB (CD32B) AND CD20 SPECIFIC ANTIBODIES

 classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:20/08/2010 :U.K. :PCT/GB2011/051572 :19/08/2011 :WO 2012/022985 :NA :NA	 (71)Name of Applicant : 1)UNIVERSITY OF SOUTHAMPTON Address of Applicant :University Road Highfield Southampton SO17 1BJ U.K. (72)Name of Inventor : 1)CRAGG Mark 2)GLENNIE Martin 3)ROGHANIAN Ali 4)BEERS Stephen 5)JOHNSON Peter 6)LIM Sean 7)FRENDEUS BJÄrn 8)TEIGE Ingrid
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention provides a method of treating a patient having target cells that express FcyRIIb the method comprising administering (i) an antibody molecule that specifically binds a surface antigen of the target cell which antibody molecule has an Fc domain capable of binding FcyRIIb; in combination with (ii) an agent that prevents or reduces binding between the Fc domain of the antibody molecule and FcyRIIb; characterized in that the patient is selected on the basis that their target cells express an elevated level of FcyRIIb.

No. of Pages : 114 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B66B29/02,B66B23/12 :NA :NA :NA :PCT/JP2010/005704 :21/09/2010 :WO 2012/038996 :NA :NA	 (71)Name of Applicant : 1)HITACHI LTD. Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku Tokyo 1008280 Japan (72)Name of Inventor : 1)MATSUMOTO Tatsuya 2)ABE Yoshio 3)INOSE Teppei
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : PASSENGER CONVEYER AND FOOTSTEP THEREOF

(57) Abstract :

Provided is a passenger conveyer that can avoid complicating the structure of both ends of the cleat of a footstep is capable of reducing component fabrication time and suppressing investment in installing a special molding tool and a press machine increases fabrication efficiency and reduces manufacturing cost and also provided is a footstep of the passenger conveyer. The footstep of the passenger conveyer has a cleat a plurality of cleat bases for supporting the cleat and a side edge demarcation provided to the right and left of the cleat. The side edge demarcation has a projection formed by projecting a part thereof downward and has a structure in which the projection is fitted into between the adjacent cleat bases.

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

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MEASUREMENT DEVICE USING CCD CAMERA AND METHOD FOR SHORTENING RESPONSE TIME 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 	:14/03/2012 :WO 2012/137420 :NA :NA	 (71)Name of Applicant : 1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1 1 Shibaura 1 chome Minato ku Tokyo 1058001 Japan (72)Name of Inventor : 1)TAKEMURA Shota 2)NISHIKAWA Masamitsu
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is a method for shortening a response time of a measurement device (100) controlling an exposure time of a CCD camera in a time of preset control cycle wherein a camera capable of simultaneously obtaining output of two or more filters with the different transmittances is employed as the CCD camera the transmittances are set so as to satisfy e > e > | e > e > | > e the transmittances are set so as to lap a saturation value in a measurement range of camera output of a first filter having the high transmittance edetecting a minimum value of the input light amount and a minimum value in a measurement range of camera output of the first filter is obtained from the camera output of the second filter or from the ratio of the transmittance eto the transmittance e in a case where the camera output of the first filter is saturated the input light amount is detected in a previous control cycle and the exposure time of the camera of the first filter is updated in a next control cycle.

No. of Pages : 51 No. of Claims : 4

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : COMPOSITIONS CONTAINING 1 CHLORO 3 3 3 TRIFLUOROPROPENE AND 1 FLUORO 1 1 DICHLOROETHANE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C07C21/18,C07C19/12,C08J9/06 :61/374496 :17/08/2010 :U.S.A.	 (71)Name of Applicant : 1)HONEYWELL INTERNATIONAL INC. Address of Applicant :Patent Services M/S AB/2B 101 Columbia Road P. O. Box 2245 Morristown New Jersey 07962
 (86) International Application No Filing Date (87) International Publication No 	:PCT/US2011/047836 :16/08/2011 :WO 2012/024252	 2245 U.S.A. (72)Name of Inventor : 1)WILLIAMS David J. 2)SINGH Rajiv R. 3)BOWMAN James M.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The instant invention relates to compositions comprising a blend 1 chloro 3 3 3 trifluoropropene (HCFO 1233zd) and 1 1 dichloro 1 fluoroethane (HCFC 141b). In particular the instant invention relates to blowing agents and foamable compositions containing at least such a blend as well as solvents containing such a blend.

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

(19) INDIA

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : BLOWING AGENTS FOAMABLE COMPOSITIONS AND FOAMS

Application Number .NA Filing Date :NA (62) Divisional to Application :NA Number	(62) Divisional to Application	:16/08/2011 No :WO 2012/024259 :NA :NA	Columbia Road P.O. Box 2245 Morristown New Jerse 2245 U.S.A. (72)Name of Inventor : 1)BOGDAN Mary C. 2)ROSS Michael 3)WILLIAMS David J. 4)GITTERE Clifford P.	y 07962
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(57) Abstract :

A method of forming foam comprising: (a) providing at least a first relatively high pressure liquid comprising a first reactive component; (b) introducing into said relatively high pressure stream a liquid blowing agent composition comprising 1 3 3 3 tetrafluoropropene (HFO 1234ze) and/or HFCO 1233zd to produce a second stream at relatively high pressure and containing said blowing agent; and (c) mixing at least a portion of said third stream with a fourth stream containing a component reactive with said first component to produce a mixed reactive stream.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : CONSTRUCT	TION MACHINE	
 (54) Fifte of the invention : CONSTRUCT (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		 (71)Name of Applicant : 1)KOMATSU LTD. Address of Applicant :2 3 6 Akasaka Minato ku Tokyo 1078414 Japan (72)Name of Inventor : 1)WATANABE Kouichi 2)NAGANO Takao
		1

(57) Abstract :

In the present invention a hydraulic shovel (51) carries a generator motor (1) provided between an engine (2) and a hydraulic pump (4) and to the interior of which is formed an oil reservoir (V). The hydraulic shovel (51) is provided with an oil detection pipe (30) having: a connection section (33) that interconnects with the oil reservoir (V) of the generator motor (1); and an oil detection opening (31) disposed above the generator motor (1).

No. of Pages : 35 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : BREATHABLE HEAT TRANSFER LABELS		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:D06Q1/12,G09F3/12 :12/853429 :10/08/2010 :U.S.A.	ABELS (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)DINESCU Liviu 2)TANRIKULU Osman N. 3)SAVIDENT Daniel J.
Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a breathable heat transfer label for breathable performance ware. The heat transfer label allows moisture and sweat to pass through and remove moisture from the skin surface to provide comfort to the wearer.

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

(19) INDIA(22) Date of filing of Application :11/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : OPTICAL FUNCTIONAL ELEMENT AND IMAGING DEVICE

(57) Abstract :

Disclosed is an optical functional element which comprises: a base layer; a semi transmissive layer that is formed on one main surface of the base layer and reflects a predetermined ratio of the light incident thereon while transmitting the rest of the light; and an anti reflection layer that is formed on another main surface of the base layer and prevents reflection of the light that passes through the base layer said another main surface being on the reverse side of the one main surface. Also disclosed is an imaging device which comprises: the optical functional element; a first light receiving element that receives light transmitted through the optical functional element; and a second light receiving element that receives light reflected by the optical functional element.

No. of Pages : 56 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : FLUID FILTRATION SYSTEMS

(51) International	:B01D35/26,B01D29/13,B01D29/60	(71)Name of Applicant :
classification		1)SHEVITZ Jerry
(31) Priority Document No	:61/376810	Address of Applicant :9 Alcott Drive Livingston NJ 07039
(32) Priority Date	:25/08/2010	U.S.A.
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2011/001485 :24/08/2011	1)SHEVITZ Jerry
(87) International Publication No	¹ :WO 2012/026978	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Enclosed reactor systems each of at least three chambers fluid flow between the chambers controlled by selectively permeable barriers flow controlled by an alternating flow diaphragm pump. Also dual diaphragm pump a diaphragm pump driven sampling manifold and a modifier module all usable with the enclosed reactor systems as well as other systems.

No. of Pages : 115 No. of Claims : 14

(22) Date of filing of Application :12/02/2013

(54) Title of the invention : HYDROXAMATE BASED INHIBITORS OF DEACETYLASES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D207/06,C07D403/06,C07D403/14 :NA :NA :NA :NA :PCT/EP2010/062594 :27/08/2010 :WO 2012/025164 to :NA :NA :NA	 (71)Name of Applicant : NOVARTIS AG Address of Applicant :Lichtstrasse 35 CH 4056 Basel Switzerland (72)Name of Inventor : BROOKS Clinton A. CHEN Christine Hiu Tung CHO Young Shin JIANG Lei LIU Gang SHULTZ Michael
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(57) Abstract :

The present teachings relate to compounds of Formula (I): and pharmaceutically acceptable salts hydrates esters and prodrugs thereof wherein R1 R2 R3 R4 R5 ring A and Z are as defined herein. The present teachings also provide methods of preparing compounds of Formula (I) and methods of use compounds of Formula (I) in treating pathologic conditions or disorders mediated wholly or in part by deacetylases.

No. of Pages : 85 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ACELLULAR VASCULAR PRODUCTS		
(51) International classification	:A61L27/50,A61L27/36	(71)Name of Applicant :
(31) Priority Document No	:1016150.3	1)UNIVERSITY OF LEEDS
(32) Priority Date	:27/09/2010	Address of Applicant :Leeds Yorkshire LS2 9JT U.K.
(33) Name of priority country	:U.K.	(72)Name of Inventor :
(86) International Application No	:PCT/GB2011/051817	1)INGHAM Eileen
Filing Date	:26/09/2011	2)WILSHAW Stacy Paul
(87) International Publication No	:WO 2012/042250	3)FISHER John
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.114	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A product comprising a natural acellular xenogenic vascular tissue matrix having at least an80% reduction in DNA content as compared to an untreated control vascular tissue matrix and being antigenically inert by being substantially free of epitopes capable of reacting with pre formed human antibodies and also without having the ability to substantially activate complement. The invention also includes methods of preparing such products and uses of the products especially in bypass surgery.

No. of Pages : 45 No. of Claims : 28

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PREVENTING CATALYST RELEASE FROM DYE SENSITIZED SOLAR CELL AND FROM CATALYTIC ELECTRODES

(33) Name of priority country:Japan6908501 Ja(86) International Application No Filing Date:PCT/JP2011/004120 :21/07/2011(72)Name 1)IMAW	ess of Applicant :1 Tono machi Matsue shi Shimane Japan e of Inventor : WAKA Naoto SUBAYASHI Kazuhiko
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(57) Abstract :

A dye sensitized solar cell having high durability and heat resistance in particular each catalytic electrode is prevented from releasing a platinum group catalyst by treating the surface of the catalytic electrode with (a) a sulfur material which has a molecular weight of 32 10 000 and is selected from elemental sulfur inorganic sulfur compounds containing a sulfur atom having an oxidation number of 2 to 0 and organic sulfur compounds containing a sulfur atom having an oxidation number of 2 to 0 (b) a sulfur material selected from inorganic sulfur compounds that contain no sulfur atoms having an oxidation number of 2 to 0 but contain a sulfur atom having an oxidation number of +1 to +4 and from organic sulfur compounds that contain a sulfur atom having an oxidation number of +1 to +4[with respect to the sulfur material (b) the surface of the catalyst electrode which has been treated therewith gives an X ray photoelectron spectrum that has a photoelectron peak in the bond energy range of 161 to 165 eV] or (c) a mixture of the sulfur materials (a) and (b) and/or by incorporating any of the sulfur materials into the electrolyte layer.

No. of Pages : 93 No. of Claims : 15

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : 4 AMINOQUINAZOLIN 2 YL 1 PYRRAZOLE 4 CARBOXYLIC ACID COMPOUNDS AS PROLYL HYDROXYLASE INHIBITORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition Application Number Filing Date (62) Divisional to Application Number Filing Date 	:01/3/3664 :13/08/2010 :U.S.A. :PCT/US2011/047626 :12/08/2011 :WO 2012/021830	 (71)Name of Applicant : 1)JANSSEN PHARMACEUTICA NV Address of Applicant :Turnhoutseweg 30 B 2340 Beerse Belgium (72)Name of Inventor : 1)RABINOWITZ Michael H. 2)ROSEN Mark D. 3)TARANTINO Kyle T. 4)VENKATESAN Hariharan
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(57) Abstract :

Aminoquinazolinyl compounds of formula (I) are described which are useful as prolyl hydroxylase inhibitors. Such compounds may be used in pharmaceutical compositions and methods for the treatment of disease states disorders and conditions mediated by prolyl hydroxylase activity. Thus the compounds may be administered to treat e.g. anemia vascular disorders metabolic disorders and wound healing.

No. of Pages : 189 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :14/02/2013

(54) Title of the invention : PROCESS FOR THE MANUFACTURE OF 3 7 DIMETHYL 1 OCTEN 3 OL

(51) International classification	:C07C29/17,C07C49/04,C07C29/42	(71)Name of Applicant : 1)DSM IP ASSETS B.V.
(31) Priority Document No	:61/376390	Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen
(32) Priority Date	:24/08/2010	Netherlands
(33) Name of priority country	v :U.S.A.	(72)Name of Inventor :
(86) International Application	¹ ·PCT/FP2011/06/531	1)BONRATH Werner
No	:24/08/2011	2)TSCHUMI Johannes
Filing Date		3)MEDLOCK Jonathan
(87) International Publication No	:WO 2012/025559	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	¹ :NA	
Number	:NA	
Filing Date		

(57) Abstract :

The present invention is directed to a process for the manufacture of 3,7-dimethyl-l-octen-3-ol comprising the fol lowing steps: a) hydrogenation of 6-methyl-5-hepten-2-on to 6-methyl-2-heptanon in the presence of hydrogen and a palladium containing catalyst on a carrier selected from the group consisting of carbon, calcium carbonate and aluminum oxide b) reaction of 6-methyl-2-heptanon with acetylene to 3,7-dimethyl-l-octin-3-ol in the presence of ammonia and potassium hydroxide and in the absence of any additional organic solvent; c) hydrogenation of 3,7-dimethyl-l-octin-3-ol to 3,7-dimethyl-l-octen-3-ol in the presence of hydrogen and a palladium containing catalyst on a carrier selected from the group consisting of calcium carbonate, aluminum oxide, silica, porous glass, carbon or graphite, and barium sulphate, with the proviso that the catalyst additionally con- tains lead when the carrier is calcium carbonate. The present invention is further directed to a process for the manufacture of iso - phytol and vitamin E, where a thus produced 3,7-dimethyl-l-octen-3-ol is used as starting material.

No. of Pages : 28 No. of Claims : 18

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SALTS OF 7 AMINO 3 5 DIHYDROXYHEPTANOIC ACID ESTERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D319/06,C07D319/08,C07C229/08 :10175968.6 :09/09/2010 :EPO :PCT/EP2011/065375 :06/09/2011 :WO 2012/032035 ^D :NA :NA :NA	 (71)Name of Applicant : 1)DSM SINOCHEM PHARMACEUTICALS NETHERLANDS B.V. Address of Applicant :Alexander Fleminglaan 1 NL 2613 AX Delft Netherlands (72)Name of Inventor : 1)LANGE DE Ben 2)ELSENBERG Henricus Leonardus Marie
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(57) Abstract :

The invention relates to salts of acids with 2 propyl esters of general formula (2) The invention also relates to a method for the preparation of salts of acids with compounds of general formula (2) and to the use thereof in the preparation of atorvastatin.

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

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ARRANGEMENT FOR DISPENSING AN ADDITIVE INTO A LIQUID STREAM		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A47J31/40,B67D1/00 :61/373036 :12/08/2010 :U.S.A. :PCT/EP2011/063004 :28/07/2011 :WO 2012/019922	 (71)Name of Applicant : 1)AKTIEBOLAGET ELECTROLUX Address of Applicant :S:t GÃransgatan 143 S 105 45 Stockholm Sweden (72)Name of Inventor : 1)JOHANSSON Daniel L. 2)ROEL Pedro
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The present invention relates to an arrangement 19 for dispensing an additive into a liquid stream the arrangement 19 comprising: a conduit 7 for guiding a liquid stream wherein an opening 8 is provided through a wall of the conduit 7; and a dosing device 1 arranged at the opening 8 of the conduit 7 wall and extending above the conduit 7 and arranged for dispensing an additive into the stream through the opening 8; wherein the conduit 7 and dosing device 1 are arranged such that a vertical distance is defined between the dosing device 1 and the liquid stream to prevent direct contact there between when in use. The invention further comprises a fridge door 22 comprising the arrangement 19 as well as a method of dispensing an additive into a liquid stream.

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

(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CONNECTION SYSTEM AND ACCOMMODATION UNIT FOR A CONTROL DEVICE

(51) International classification	:B60R16/02,B60R16/023	(71)Name of Applicant :
(31) Priority Document No	:10 2010 040 595.7	1)ROBERT BOSCH GMBH
(32) Priority Date	:10/09/2010	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/062343	(72)Name of Inventor :
Filing Date	:19/07/2011	1)STRAUB Frank
(87) International Publication No	:WO 2012/031808	2)JOOS Eugen
(61) Patent of Addition to Application	.N. A	3)KNEIFEL Marcus
Number	:NA	4)LUETZERATH Stephan
Filing Date	:NA	5)STEIN Juergen
(62) Divisional to Application Number	:NA	,
Filing Date	:NA	

(57) Abstract :

The invention relates to a connection system for connecting a control device (2) in a motor vehicle comprising: the control device (2) for implementing an electronic function with a connector unit; an accommodation unit (4) having a connector area (5) for accommodating the corresponding connector unit of the control device (2) and an accommodation region (6) for accommodating the control device (2) either entirely or in part when same is inserted. The accommodation unit (4) is connected to a power supply cable (3) and comprises a fastening apparatus for fastening the accommodation unit (4).

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

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : INTEGRATION OF A POLYNUCLEOTIDE ENCODING A POLYPEPTIDE THAT CATALYZES PYRUVATE TO ACETOLACTATE CONVERSION

classification :C12N1/21,C12N15/52,C12N15/65 (31) Priority Document No :61/380563 (32) Priority Date :07/09/2010	 (71)Name of Applicant : 1)BUTAMAX(TM) ADVANCED BIOFUELS LLC Address of Applicant :200 Powder Mill Road Wilmington DE 19803 U.S.A. (72)Name of Inventor : 1)ANTHONY Larry Cameron 2)MAGGIO HALL Lori Ann 3)PAUL Brian James
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(57) Abstract :

The invention relates to recombinant host cells having at least one integrated polynucleotide encoding a polypeptide that catalyzes a step in a pyruvate utilizing biosynthetic pathway,e.g. pyruvate to acetolactate conversion. The invention also relates to methods of increasing the biosynthetic production of isobutanol 2 3 butanediol 2 butanol or 2 butanone using such host cells.

No. of Pages : 371 No. of Claims : 47

(19) INDIA(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR REGISTRATION OF AN EMERGENCY SERVICE IN PACKET DATA CONNECTIONS

(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country :NA1)	 1)NOKIA SIEMENS NETWORKS OY Address of Applicant :Karaportti 3 FI 02610 Espoo Finland /2)Name of Inventor : 1)MILINSKI Alexander 2)VARGA Jozsef
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(57) Abstract :

The invention relates to a session control entity a method and a computer program product for assigning for a user during establishment of a packet data connection an internet protocol (IP) address allocated for an emergency packet data connection if the packet data connection is an emergency packet data connection.

No. of Pages : 31 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

(51) International classification	:H04L1/00,H04L5/00	(71)Name of Applicant :
(31) Priority Document No	:61/374078	1)NOKIA SIEMENS NETWORKS OY
(32) Priority Date	:16/08/2010	Address of Applicant :Karaportti 3 FI 02610 Espoo Finland
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/064030	1)TIIROLA Esa Tapani
Filing Date	:15/08/2011	2)PAJUKOSKI Kari Pekka
(87) International Publication No	:WO 2012/022714	3)LUNTTILA Timo Erkki
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : CHANNEL SELECTION FOR CARRIER AGGREGATION

(57) Abstract :

Channel selection for LTE Advanced or other carrier aggregation can be performed by a method apparatus or computer readable medium. According to certain embodiments a method can include determining that channel selection and constellation selection are in use or to be used. The method can also include determining that a single mapping table design for channel selection for up to four bits is in use or to be used. The method can further include selecting a communication resource from resource entries corresponding to acknowledgment and negative acknowledgment states based on the determining that channel selection and constellation selection are in use or to be used and the determining that the single mapping table design for channel selection for up to four bits is in use or to be used.

No. of Pages : 27 No. of Claims : 28

(21) Application No.10690/DELNP/2012 A

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : OIL SOLUBLE ADDITIVE INJECTION APPARATUS

(57) Abstract :

A lubricant additive dispensing apparatus comprising a base providing a manifold distribution to present lubricant to a series of dispensing chambers. The dispensing chambers are fabricated having a porous sidewall formed in a tubular shape. Additive is stored within a reservoir formed by the tubular shape. A delivery piston is provided proximate and in fluid communication with the manifold. The lubricant applies pressure to the delivery piston. The delivery piston applies pressure to the stored additive. The pressure forces a small volume of additive to pass through the porous sidewall blending the additive with the flowing lubricant. The reservoir can be formed between an outer tubular member and an inner tubular member. Lubricant can pass through an interior of the inner tubular member existing a flow discharge port located proximate an end cap assembled to a distal end of the reservoir.

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

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : COMPLEX WELD METHOD AND WELDING TORCH FOR COMPLEX WELDS

 (51) International classificatio (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	 B23K9/00,B23K9/16,B23K9/167 :2010176580 :05/08/2010 :Japan :PCT/JP2011/067272 :28/07/2011 :WO 2012/017913 :NA :NA :NA 	 (71)Name of Applicant : 1)TAIYO NIPPON SANSO CORPORATION Address of Applicant :3 26 Koyama 1 chome Shinagawa ku Tokyo 1428558 Japan (72)Name of Inventor : 1)KANEMARU Shuhei 2)SASAKI Tomoaki 3)SATO Toyoyuki
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(57) Abstract :

Provided is a complex weld method that is able to increase arc stability and t o improve weld speed and work efficiency. The disclosed complex weld method generates a tungsten inert gas (TIG) arc o n the side ahead o f the weld direction and a metal inert gas (MIG) arc o n the side behind and welds a base metal. Provided is a complex weld method characterised b y a TIG current set higher than the MIG current and b y a n absolute value o f the separation between the point 0 1 intersection o f the base central axis o f 4 m m o r less.

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

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : FUEL ACCUMULATOR BLOCK FOR TESTING HIGH PRESSURE COMPONENTS OF FUEL INJECTION SYSTEMS

classification :F02M55/00,F02M65/00,F02M55/02 (31) Priority Document No :10 2010 040 541.8 (32) Priority Date :10/09/2010	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : 1)STEIN Ralf 2)HOSS Reinhard
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(57) Abstract :

The invention relates to a fuel accumulator block for testing high pressure components of fuel injection systems. The fuel accumulator block comprises an accumulator body (10) and at least one pressure control valve (13) which is accommodated in a receptacle (23) in the accumulator body (10). The accumulator body (10) is connected to a test line (51) for a test medium and to a cooling line (61) for a cooling medium. Inside the accumulator body (10) a test line system (20) for the test medium and a cooling line system (30) for the cooling medium are provided. The cooling line system (30) has at least one section which runs close to the receptacle (23) for the pressure control valve (13).

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

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : HETEROCYCLIC COMPOUND AND USE THEREOF

 classification (31) Priority Document No (32) Priority Date (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)TAKEDA PHARMACEUTICAL COMPANY LIMITED Address of Applicant :1 1 Doshomachi 4 chome Chuo ku Osaka shi Osaka 5410045 Japan (72)Name of Inventor : 1)KORI Masakuni 2)IMAEDA Toshihiro 3)NAKAMURA Shinji 4)TOYOFUKU Masashi 5)HONDA Eiji 6)ASANO Yasutomi 7)UJIKAWA Osamu 8)MOCHIZUKI Michiyo
(62) Divisional to	:NA :NA	

(57) Abstract :

Provided is a compound represented by the formula (I): wherein each symbol is as defined in the specification or a salt thereof which has an AMPA (a amino 3 hydroxy 5 methyl 4 isoxazolepropionic acid) receptor potentiating action. The compound of the present invention is useful as a prophylactic or therapeutic drug for depression schizophrenia Alzheimer s disease or attention deficit hyperactivity disorder (ADHD) and the like.

No. of Pages : 444 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/JP2011/068694 :18/08/2011 :WO 2012/032909 :NA :NA	 (71)Name of Applicant : 1)HITACHI CONSTRUCTION MACHINERY CO. LTD. Address of Applicant :5 1 Koraku 2 chome Bunkyo ku Tokyo (72)Name of Inventor : 1)IMURA Shinya 2)ISHIDA Seiji 3)SATAKE Hidetoshi 4)KAJITA Yusuke 5)FUJISHIMA Kazuo 6)OOKI Takatoshi
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(54) Title of the invention : HYBRID CONSTRUCTION MACHINE

(57) Abstract :

[Problem] To provide a hybrid construction machine which can provide the same operation feeling as ordinary construction machines that are not hybrid without change of discharge flow rate of a hydraulic pump even when the engine rotation speed is changed according to power absorbed by the hydraulic pump. [Solution] A hybrid construction machine is provided with a variable displacement hydraulic pump (1) which supplies a working oil to a hydraulic actuator an engine (2) which is provided so as to be able to rotationally drive the hydraulic pump (1) an electric motor (3) which is provided so as to be able to rotationally drive the hydraulic pump (1) an engine control dial (4) a controller (4) and an operating lever (5). The controller changes the rotation speed of the engine (2) according to power generated by the engine (2) such that the fuel consumption is decreased and changes the capacity of the hydraulic pump (1) on the basis of the rotation speed of the engine (2) the dial position of the engine control dial (4) and the amount of operation of the operating lever (5).

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

(19) INDIA

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

:A61K51/04	(71)Name of Applicant :
:61/367992	1)GE HEALTHCARE LIMITED
:27/07/2010	Address of Applicant : Amersham Place Little Chalfont
:U.S.A.	Buckinghamshire HP8 4SP U.K.
:PCT/EP2011/062897	(72)Name of Inventor :
:27/07/2011	1)BARNETT David Jonathan
:WO 2012/013701	
. NT A	
:INA	
:NA	
:NA	
	:61/367992 :27/07/2010 :U.S.A. :PCT/EP2011/062897 :27/07/2011 :WO 2012/013701 :NA :NA :NA

(54) Title of the invention : RADIOPHARMACEUTICAL COMPOSITIONS

(57) Abstract :

The present invention relates to 99mTc maraciclatide radiopharmaceutical compositions which are stabilised with a radioprotectant. Also described are kits for the preparation of the radiopharmaceutical compositions as well as methods of preparing such compositions from the kit. The invention also includes methods of imaging the mammalian body using the radiopharmaceutical compositions.

No. of Pages : 35 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :14/02/2013

(31) Priority Document No:101203(32) Priority Date:16/07/2(33) Name of priority country:U.K.(86) International Application No:PCT/EFiling Date:15/07/2	4)PA‰REZ FIGUEROA Ignacio 2010 5)HEDEROS Markus 6)SCHROVEN Andreas 7)VRASIDAS Ioannis
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(54) Title of the invention : DERIVATIZATION OF OLIGOSACCHARIDES

(57) Abstract :

The invention relates to a method for purifying, separating and/or isolating an oligosaccharide of general formula 1 or a salt thereof (general formula 1) wherein Ri is fucosyl or H, R2 is fucosyl or H, R is selected from H, sialyl, N-acetyl-lactosaminyl and lacto-Nbiosyl groups, wherein the N-acetyl lactosaminyl group may carry a glycosyl residue comprising one or J more N-acetyl-lactosaminyl and/or one or more lacto-N-biosyl groups; each of the N-acetyl-lactosaminyl and lacto-N-biosyl groups can be substituted with one or more sialyl and/or fucosyl residue, R is selected from H, or sialyl and N-acetyl-lactosaminyl groups optionally substituted with a glycosyl residue comprising one or more N-acetyl-lactosaminyl and/or one or more lacto-N- o biosyl groups; each of the N-acetyllactosaminyl and lacto-N-biosyl groups can be substituted with one or more sialyl and/or fuco syl residue, wherein at least one of the Ri, R2, R3 or R groups differs from H, comprising the steps: a) one or more compounds of general formula 1 is/are subjected to an anomeric O-alkylation reaction in the presence of R-X to yield a mixture comprising one or more compounds of general formula 2 or salts thereof (general formula 2) wherein X is a leaving group such as halogen, alkylor arylsulfonyloxy, R is a group removable by hydrogenolysis, and Ri, R2, R3 and R are as defined above, and wherein at least one of the Ri, R2, R3 or R groups differs from H, b) the mixture comprising one or more compounds of general formula 2 obtained in step a) is subjected to chromatography and/or crystallization to give one

No. of Pages : 36 No. of Claims : 10

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : DEVICE FOR PRODUCING HOT DIP GALVANIZED STEEL SHEET AND PROCESS FOR PRODUCING HOT DIP GALVANIZED STEEL SHEET

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C23C2/00,C22C18/04,C23C2/06 :2010196796 :02/09/2010 :Japan :PCT/JP2011/068138 :09/08/2011 :WO 2012/029511 :NA :NA	 (71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan (72)Name of Inventor : 1)OKADA Nobuyoshi 2)HOSHINO Masanori 3)SAKATOKU Atsushi
11	:NA :NA :NA	

(57) Abstract :

This device for producing a hot dip galvanized steel sheet is equipped with: a plating tank in which a plating bath comprising molten zinc and molten Al is held at a bath temperature of T1 and a steel sheet immersed in the plating bath is plated; a separation tank in which the plating bath transferred from the plating tank is held at a bath temperature of T2 which is lower than T1 thereby precipitating top dross in the bath and the top dross is allowed to float and separated; a regulation tank in which the plating bath transferred from the separation tank is held at a bath temperature of T3 which is higher than T2 to thereby bring the bath into an Fe unsaturated state and dissolve the dross therein; and a circulation part for circulating the plating bath through the plating tank the separation tank in this order.

No. of Pages : 93 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : NOVEL PEPTIDES WHICH HAVE ANALGESIC EFFECTS AND WHICH INHIBIT ASIC CHANNELS

(57) Abstract :

The prAsent invention relates to novel isolated peptides which induce analgesia and which inhibit ASIC channels (Acid Sensing Ion Channels), to the polynucleotides encoding said peptides, and also to the pharmaceutical compositions, host cells and vectors comprising same. In particular, said peptides are isolated from the venom of the snake Dendroaspis polylepis. The prAsent invention also relates to the use thereof as a diagnostic tool or as mAdicament, and in particular as an analgAsie, or for identifying analgAsie molÃcules or molÃcules which inhibit ASIC channels.

No. of Pages : 57 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MOLD TOOL ASSEMBLY INCLUDING HEATER HAVING RESISTIVE ELEMENT ENCASED IN ALUMINUM NITRIDE

Filing Date :26/07/20	669 20101)HUSKY INJECTION MOLDING SYSTEMS LTD Address of Applicant :500 Queen Street South Bolton Ontario L7E 5S5 Canada\$2011/045277(72)Name of Inventor :
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(57) Abstract :

A mold tool assembly comprising: a heater being configured to heat (in use) at least a portion of a component the heater having a resistive element being encased at least in part in aluminum nitride.

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

(19) INDIA

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : GAS CLEANING UNIT AND METHOD FOR CLEANING GAS

(51) International classification	:B01D53/10,B01D53/68,B01D53/78	(71)Name of Applicant : 1)ALSTOM Technology Ltd
(31) Priority Document No	:10169519.5	Address of Applicant :Brown Boveri Strasse 7 CH 5400
(32) Priority Date	:14/07/2010	Baden Switzerland
(33) Name of priority country	y:EPO	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/IB2011/001508 :28/06/2011	1)SORHUUS Anders Kenneth 2)BJARNO Odd Edgar
(87) International Publication	¹ :WO 2012/007809	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A gas cleaning unit for cleaning a main raw gas stream from a plant comprises a plurality of gas cleaning chamber (34a c) each gas cleaning chamber (34a c) equipped with a cleaning chamber inlet (46a c); an inlet manifold (32) for dividing said main raw gas stream flowing therethrough into a plurality of separate fractional raw gas streams for flow to said cleaning chamber inlets (46a c); and a plurality of heat exchangers (40a c) each heat exchanger (40a c) being located downstream of the inlet manifold (32) for exchanging heat with a respective fractional raw gas stream entering a respective cleaning chamber (34a c).

No. of Pages : 24 No. of Claims : 16

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : IGNITOR SPARK STATUS INDICATOR		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:12/846063 :29/07/2010 :U.S.A. :PCT/US2011/043627 :12/07/2011	 (71)Name of Applicant : 1)ALSTOM TECHNOLOGY LTD Address of Applicant :Brown Boveri Strasse 7 CH 5400 Baden Switzerland (72)Name of Inventor : 1)BOGUSZEWSKI Stanley

(57) Abstract :

An ignitor spark indicator 100 is described that monitors RF signals within a flame rod 25 located near a spark rod 23. The signal from the flame rod 25 is processed to provide a waveform that indicates when electrical arcing is occurring. The indication when arcing is occurring is also provided to flame detecting equipment. The flame proving device 60 only operates when the arcing is not produced so that the flame detecting device 60 does not confuse the arcing with a flame reducing the false positive determinations.

No. of Pages : 19 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :13/05/2005

(43) Publication Date : 26/09/2014

(54) Title of the invention : STAR-BRANCHED SILICONE POLYMERS AS ANTI-MIST ADDITIVES FOR COATING APPLICATIONS.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08L 83/04 :10/295,328 :15/11/2002 :U.S.A. :PCT/US03/035185 :05/11/2003 :WO 2004/046268 :NA :NA :NA :NA	 (71)Name of Applicant : 1)GENERAL ELECTRIC COMPANY Address of Applicant :ONE RIVER, ROAD, SCHENECTADY, NEW YORK 12345, UNITED STATES OF AMERICA (72)Name of Inventor : 1)KILGOUR JOHN ALFRED 2)CUA EDWIN C. 3)CUMMINGS JOHN A.
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(57) Abstract :

A process for the preparation of essential oil microcapsules comprising the steps of: a. dissolving a di- or polyisocyanate into an essential oil to obtain a mixture, b. emulsifying the mixture of step (a) in an aqueous solution containing one of a di- or polyamine, or a di or polyhydroxy compound and at least one emulsifier, at a temperature in the range of ooc - 30°C, to effect encapsulation of said essential oil through interfacial polymerization, and adding a component to prevent or reduce microcapsule particle aggregation to the aqueous solution in which the essential oil is dispersed, wherein the ratio between the mole ratio of total di- or polyamine, or di- or polyhydroxylcompound to said di- or polyisocyanate is between 0.8:1 to 1: 1.2, and wherein the said essential oil is encapsulated together with a component selected from an adjuvant and an agent which enhances the properties of the oil, whereby there is formed a polyurea or polyurethane film around droplets of the essential oil, the said film enhancing the stability of said essential oil, reducing its evaporation rate and controlling its release rate when applied to a substrate, c. reacting the microcapsules of step (b) with reactive amine or hydroxyl containing reagents which also contain anionic, cationic, amphoteric or hydrophilic groups.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : APPARATUS AND METHODS FOR CORROSION PROTECTION OF DOWNHOLE TOOLS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:61/358572 :25/06/2010 :U.S.A. :PCT/US2011/040267 :14/06/2011 :WO 2011/163005 :NA :NA :NA	 (71)Name of Applicant : 1)BAKER HUGHES INCORPORATED Address of Applicant :PO Box 4740 Houston Texas 77210 4740 U.S.A. (72)Name of Inventor : 1)TRINH Tu Tien 2)SULLIVAN Eric
(62) Divisional to Application Number Filing Date	:NA :NA	
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(57) Abstract :

In one aspect an apparatus for use in a wellbore is provided that in one embodiment includes a drill bit having a bit body that is susceptible to corrosion when the drill bit is utilized in wellbore an anode placed at a selected location on the bit body a cathode associated with the bit body and a power source configured to provide electrical power to the anode to complete an electrical circuit between the anode and the bit body wherein the supply of the electrical power to the anode arrests corrosion of the bit body when the drill bit is in the wellbore.

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

(22) Date of filing of Application :13/02/2013

(54) Title of the invention : MEDIUM VOLTAGE CIRCUIT BREAKER ARRANGEMENT OPERATED BY SPECIAL TRANSMISSION MEANS

(51) International classification	:H01H33/42,H01H3/42,H01H33/66	(71)Name of Applicant : 1)ABB TECHNOLOGY AG
(31) Priority Document No	:10008455.7	Address of Applicant : Affolternstrasse 44 CH 8050 Zurich
(32) Priority Date	:13/08/2010	Switzerland
(33) Name of priority country	:EPO	(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication 	:PC1/EP2011/004060 :12/08/2011	1)REUBER Christian 2)GENTSCH Dietmar
No	:WO 2012/019775	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Circuit breaker arrangement comprising at least one pole part (3a 3c) for switching an electrical medium to high voltage circuit by a respective pair of corresponding inner electrical contacts (4a 4b) wherein a pushrod (5a 5c) of a respective movable electrical contact (4a) is operated by a common actuator unit (6) which is mechanically connected to each pushrod (5a 5c) via transmission means for transferring the switching force from the actuator unit (6) to each pushrod (5a 5c) wherein the transmission means comprise a crankshaft (7) having at least one crank (8a 8c) which is pivotally attached to one end of a connection rod (9a 9c) wherein further the opposite end of the connection rod (9a 9c) is pivotally attached to the end of the pushrod (5a 5c) of the corresponding pole part (3a 3c).

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

(19) INDIA

(22) Date of filing of Application :15/07/2011

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESS FOR PREPARING A TALC BASED TRICHODERMA FORMULATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:NA :NA :NA	(71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No Filing Date	:NA :NA	MARG, NEW DELHI-110001, INDIA (72) Name of Inventor :
(87) International Publication No	:NA	1)POONAM CHAUDHARY SINGH
(61) Patent of Addition to Application Number	:NA	2)CHANDRA SHEKHAR NAUTIYAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is talc based fungal biocontrol preparation which is 100 times concentrated as compared to conventional products. The production procedure provides a check over quality at every step and ensures a longer shelf life. In the present process a commercially viable, cost effective and efficient technology has been presented for the preparation of biofungicide comprising of Trichoderma.

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

(19) INDIA

(22) Date of filing of Application :03/08/2011

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEM, METHOD AND APPARATUS FOR MANAGING APPLICATIONS ON A DEVICE

(31) Priority Document No:61/370.(32) Priority Date:04/08/2(33) Name of priority country:U.S.A.(86) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(87) International Publication No:NA(87) International Publication No:NA(87) International Publication No:NA(87) International Publication No:NA(87) International Publication Number:NA(87) International Publication Number:NA	II III III III III III III III III III

(57) Abstract :

The invention provides a system and a method that facilitate access to one or more applications by a computing device. The invention includes determining one or more contexts associated with at least one of the computing device and a user of the computing device, such that the one or more contexts describe at least one of an environment and an activity of the at least one of the user and the computing device. Thereafter at least one contextual tag corresponding to the one or more contexts is generated. Subsequently, the one or more applications associated with the at least one contextual tag are identified and the computing device is enabled to access the one or more applications.

No. of Pages : 77 No. of Claims : 30

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 5 SUBSTITUTED 1 ALKYLTETRAZOLYL OXIME 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 	:C07D401/12,C07D417/12 :61/359064 :28/06/2010 :U.S.A. :PCT/EP2011/060675 :27/06/2011 :WO 2012/000918	 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred Nobel Strasse 10 40789 Monheim Germany (72)Name of Inventor : BEIER Christian BERNIER David
 (61) Patent of Addition to Application Number (62) Divisional to Application Number Filing Date 	:NA :NA	3)COQUERON Pierre Yves 4)DESBORDES Philippe 5)DUBOST Christophe 6)LUI Norbert 7)PAZENOK Sergii

(57) Abstract :

The present invention relates to a process for the preparation of 5 substituted 1 alkyltetrazolyl oxime derivatives.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : FLEXIBLE PLATE FIXATION OF BONE FRACTURES

(51) International classification	:A61B17/80,A61B17/82,A61B17/86	(71)Name of Applicant : 1)GENESIS FRACTURE CARE INC.
(31) Priority Document No	:61/357855	Address of Applicant :Po Box 28101 Portland OR 97228
(32) Priority Date	:23/06/2010	U.S.A.
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
(86) International	:PCT/US2011/041484	1)BOTTLANG Michael
Application No	:22/06/2011	2)MADEY Steven M.
Filing Date	.22/00/2011	
(87) International Publication	¹ :WO 2011/163387	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to	:NA	
Application Number Filing Date	:NA	

(57) Abstract :

Embodiments provide methods apparatuses and systems for fixation of a fractured bone. In various embodiments the systems and plates may provide elastic suspension of the receiving holes relative to the osteosynthesis plate. This elastic suspension may promote load distribution between the screws that connect a bone segment to the plate thereby reducing stress risers and load shielding effect. In addition stress at the screw holes and within the construct as a whole is reduced by incorporation of these elastic elements in the plate. Additionally in some embodiments for instance if fracture healing by callus formation is desired elastic suspension of the receiving holes relative to the osteosynthesis plate may enable small controlled amounts of relative motion between bone fragments connected by the plate which may promote fracture healing by callus formation.

No. of Pages : 57 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PREPAID DATA HUB		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L12/14 :61/373087 :12/08/2010 :U.S.A.	 (71)Name of Applicant : 1)MACH S.A.R.L. Address of Applicant :15 Rue Rue Edmond Reuter Contern L 5326 Grand Duchy Of Luxembourg (72)Name of Inventor : 1)NANDAL Arjun

(57) Abstract :

A Prepaid Data Hub for maintaining pre payment information for roaming subscribers. The Hub interacts with two or more wireless telecommunication systems that implement two different wireless protocols and which may be operated by different wireless service providers. The Hub retrieves pre payment information using two or more different protocols with a first protocol being native to the home network but a second protocol being an external prepaid portal protocol. The Hub also monitors subscriber data traffic to limit the amount of access consumed in a subscriber session notify subscribers of a low balance and the like. The Hub eliminates the need for network gateway devices to themselves provide control over and/or maintain pre payment information.

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

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND FORMULATIONS FOR TREATING SIALIC ACID DEFICIENCIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority 	:A61K31/7012,A61K47/38,A61K9/22 :61/363995 :13/07/2010 :U.S.A.	 (71)Name of Applicant : 1)ULTRAGENYX PHARMACEUTICAL INC. Address of Applicant :77 Digital Drive Suite 210 Novato CA 94949 U.S.A. (72)Name of Inventor : 1)KAKVIS Emil
country (86) International Application No Filing Date (87) International Publication No	:PCT/US2011/043910 :13/07/2011 :WO 2012/009474	1)KAKKIS Emil
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The present invention relates to compositions and methods for treating sialic acid deficiencies comprising extended release formulations.

No. of Pages : 137 No. of Claims : 39

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : HIGH PRESSURE PUMP FOR A FUEL INJECTION SYSTEM

(51) International classification(31) Priority Document No	:F02M59/06 :102012210107.1	(71)Name of Applicant : 1)ROBERT BOSCH GMBH
(32) Priority Date	:15/06/2012	Address of Applicant :POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART, Germany
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BOECKING, FRIEDRICH
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

THE PRESENT SUBJECT MATTER RELATES TO A HIGH PRESSURE PUMP FOR A FUEL INJECTION SYSTEM HAVING A PUMP WORKING CHAMBER (I), WHICH IS CONNECTED TO A FUEL INLET (3) THROUGH A SUCTION VALVE (2) INTEGRATED INTO THE HIGH-PRESSURE PUMP (2), WHEREIN THE SUCTION VALVE (2) COMPRISES A VALVE ELEMENT (6) STROKE MOVABLY ACCOMMODATED INTO A BORE (4) OF THE HIGH PRESSURE PUMP AND INTERACTING WITH A VALVE SEAT (5). ACCORDING TO THE PRESENT SUBJECT MATTER, A GUIDE SLEEVE (7) IS INSERTED DIRECTLY OR INDIRECTLY IN THE BORE (4) THROUGH A VALVE SUPPORT (8) FOR GUIDING THE VALVE ELEMENT (6), WHEREIN THE GUIDE SLEEVE (7) IN A GUIDE SURFACE COMPRISES AN INLET GROOVE (10) EXTENDING ESSENTIALLY PARALLEL TO THE LONGITUDINAL AXIS (A) OF THE VALVE ELEMENT (6).

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

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

(54) Title of the invention : ANTI VIRAL PROPERTIES OF ALOE VERA AND ACQUIRED IMMUNE DEFICIENCY SYNDROME (AIDS) TREATMENT

 classification (31) Priority Document No: (32) Priority Date (33) Name of priority country (86) International 	:A61K36/886,A61K31/715,A61P31/18 :61/367358 :23/07/2010 :U.S.A. :PCT/US2011/044652	 (71)Name of Applicant : 1) North Texas Medical Associates Address of Applicant :222 SW 2nd Street Suite 201 Grand Prairie Texas 75051 U.S.A. (72)Name of Inventor : 1)DANHOF Ivan E.
Application No Filing Date	:20/07/2011	
(87) International Publication No	:WO 2012/012513	
Application Number	:NA :NA	
Application Number	:NA :NA	

(57) Abstract :

A pharmaceutical composition comprising a combination of formulations derived from Aloe vera for the treatment of Acquired Immune Deficiency Syndrome (AIDS) or HIV infection is described herein. The composition comprises: (i) an injectable sterile polymannan extract (ii) Raidox (aloe anthraquinones and their diacetyl derivatives) and (iii) a freeze dried aloe vera powder aloe vera juice aloe gel or a combination. In addition one or more nutritional supplements comprising fatty acids proteins minerals and metals vitamins salts amino acids and other pharmaceutically acceptable excipients may also be include to counteract the chronic diarrhea digestive upsets and weight loss seen in some patients before and during the treatment course. A method for treating the AIDS or HIV infection using the composition of the present invention is also disclosed.

No. of Pages : 29 No. of Claims : 46

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:G01T1/29	(71)Name of Applicant :
(31) Priority Document No	:1010822.3	1)PHASE FOCUS LIMITED
(32) Priority Date	:28/06/2010	Address of Applicant : The Bioincubator 40 Leavygreave Road
(33) Name of priority country	:U.K.	Sheffield South Yorkshire S3 7RD U.K.
(86) International Application No	:PCT/GB2011/051205	(72)Name of Inventor :
Filing Date	:27/06/2011	1)MAIDEN Andrew
(87) International Publication No	:WO 2012/001397	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		L

(54) Title of the invention : CALIBRATION OF A PROBE IN PTYCHOGRAPHY

(57) Abstract :

A method of providing image data for constructing an image of a region of a target object comprising providing a reference diffraction pattern of a reference target object; determining an initial guess for a probe function based upon the reference diffraction pattern; and determining by an iterative process based on the initial guess for the probe function and an initial guess for an object function image data for a target object responsive to an intensity of radiation detected by at least one detector.

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

(19) INDIA

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

(51) International classification	:E02F9/26	(71)Name of Applicant :
(31) Priority Document No	:2010219307	1)HITACHI CONSTRUCTION MACHINERY CO. LTD.
(32) Priority Date	:29/09/2010	Address of Applicant :5 1 Koraku 2 chome Bunkyo ku Tokyo
(33) Name of priority country	:Japan	1128563 Japan
(86) International Application No	:PCT/JP2011/072316	(72)Name of Inventor :
Filing Date	:29/09/2011	1)SHIBAMORI Kazuhiro
(87) International Publication No	:WO 2012/043691	2)WATANABE Yutaka
(61) Patent of Addition to Application	:NA	3)TSUKADA Hidenobu
Number	:NA :NA	4)NAKAMURA Keiichiro
Filing Date	.NA	5)GOTOU Yuuki
(62) Divisional to Application Number	:NA	6)FUJIEDA Kouta
Filing Date	:NA	

(54) Title of the invention : WORK MACHINE DISPLAY SYSTEM

(57) Abstract :

A work machine display system that constantly displays basic information, displays warning details during a fault so as to enable an operator to notice with certainty, and displays efficiently. A first warning display function (53b) of a display control device (53) in puts a fault information signal relating to a charge warning, and displays a corresponding warning icon (34a) in a warning icon display region (42). A basic information simple display function (53e) displays basic information simple images (35,36) instead of basic information images (1,32), and an empty region (44) is generated external to a basic information simple display region out of a basic information display region (41). A second warning dis play function (53f) displays CHARGE WARNING dis play details of the warning icon (34a), and textual information (a second warning display (37)) relating to simple countermeasures , in the empty region (44). By observing the second warning display (37) in adaition to the warning icon (34a), the operator is able to notice the CHARGE WARNING with certainty, and understand details there of

No. of Pages : 52 No. of Claims : 7

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:A61K38/28,C07K14/62	(71)Name of Applicant :
(31) Priority Document No	:61/358194	1)INDIANA UNIVERSITY RESEARCH AND
(32) Priority Date	:24/06/2010	TECHNOLOGY CORPORATION
(33) Name of priority country	:U.S.A.	Address of Applicant :351 West 10th Street Indianapolis IN
(86) International Application No	:PCT/US2011/039755	46202 U.S.A.
Filing Date	:09/06/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2011/162968	1)DiMARCHI Richard D.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DIPEPTIDE LINKED MEDICINAL AGENTS

(57) Abstract :

A non enzymatically self cleaving dipeptide element is provided that can be linked to known medicinal agents via an amide bond. The dipeptide will spontaneously be cleaved from the medicinal agent under physiological conditions through a reaction driven by chemical instability. Accordingly the dipeptide element provides a means of linking various compounds to known medicinal agents wherein the compounds are subsequently released from the medicinal agent after a predetermined time of exposure to physiological conditions. For example the dipeptide can be linked to an active site of a drug to form a prodrug and/or the dipeptide may comprise a depot polymer to sequester an injectable composition comprising the complex at the point of administration.

No. of Pages : 209 No. of Claims : 53

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification :H04N13/02,H04N7/32 (71)Name of Applicant : (31) Priority Document No :2010161304 1)SONY CORPORATION (32) Priority Date :16/07/2010 Address of Applicant :1 7 1 Konan Minato Ku Tokyo 1080075 (33) Name of priority country :Japan Japan (86) International Application No :PCT/JP2011/065560 (72)Name of Inventor: Filing Date :07/07/2011 1)TAKAHASHI Yoshitomo (87) International Publication No :WO 2012/008351 2)SUZUKI Teruhiko (61) Patent of Addition to Application 3)KITAMURA Takuya :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : IMAGE PROCESSING DEVICE AND IMAGE PROCESSING METHOD

(57) Abstract :

Disclosed are an image processing device and an image processing method that improve encoding efficiency when encoding multiviewpoint images. A feature value generation unit (41) generates _ feature values that indicate the correlation between images with differ ent viewpoints. A reference index allocation unit (45) allocates, based on the feature values, reference indexes for reference pictures for paral lax prediction that use the correlation between images with different viewpoints and for reference pictures for time prediction that use the correlation between images i n the time direction. If, for example, the correlation i s determined t o b e lower than a predetermined threshold based on a feature value, the reference index allocation i s changed and a reference index allocated t o a parallax prediction reference picture i s r e placed b y a time prediction reference picture.

No. of Pages : 47 No. of Claims : 6

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

(54) Title of the invention : HETEROCYCLIC COMPOUND AND P27 KIP1 DEGRADATION INHIBITOR

classification :C07D207/34,A61K31/341,A61K31/415 1)A8 (31) Priority Document :2010152533 10885 (32) Priority Date :02/07/2010 :72)Na (33) Name of priority :Japan 1)U0 country :Japan 2)A8)Name of Applicant :)ASKA Pharmaceutical Co. Ltd. Address of Applicant :5 1 Shibaura 2 chome Minato ku Tokyo 38532 Japan)Name of Inventor :)UCHIDA Hiroshi)ASAGARASU Akira)MATSUI Teruaki
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(57) Abstract :

Provided are a novel neterocyclic compound and salt thereoi applicable in the selective inhibmon of the degradation of p27 kip1. The compound and the salt thereof are represented in formula (1). [In the formula: A represents an alkyl group, a cycloalkyl group, an aryl group, or a heterocyclic group, and group A can have a substituent group; ring B represents a 5 - t o 8 - membered monocyclic heterocyclic ring or a condensed ring containing this monocyclic heterocyclic ring, and ring B can have a substituent group; ring C represents an aromatic ring, and ring C can have a substituent group; L represents a linker having 3-5 atoms in the main chain selected

from carbon atoms, nitrogen atoms, oxygen atoms, and sulfur atoms, ana having at least one heteroatom selected from nitrogen atoms, oxygen atom, and linker L may have a substituent group; and n represents 0 or 1]

No. of Pages : 524 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SENSING RADIO FREQUENCY IDENTIFICATION DEVICE WITH REACTIVE STRAP ATTACHMENT

(51) International classification	:G06K19/077	(71)Name of Applicant :
(31) Priority Document No	:12/856229	1)AVERY DENNISON CORPORATION
(32) Priority Date	:13/08/2010	Address of Applicant :8080 Norton Parkway Bldg. #22
(33) Name of priority country	:U.S.A.	Mentor OH 44060 U.S.A.
(86) International Application No	:PCT/US2011/047746	(72)Name of Inventor :
Filing Date	:15/08/2011	1)FORSTER Ian J.
(87) International Publication No	:WO 2012/021888	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A sensing radio frequency identification device with a strap that is reactively attached to an antenna by a sensing material is provided. In one embodiment the RFID device includes an antenna an interposer (or strap) an integrated circuit coupled to the interposer and a sensing material disposed between the interposer and the antenna. As the relative permittivity of the sensing material changes in response to its exposure to an environmental condition the reactive coupling between the interposer and the antenna likewise changes thereby causing changes in one or more parameters of communication such as frequency. The sensing material 70 may be a dielectric material selected to have a relative permittivity (i.e. dielectric constant) that varies based on exposure to one or more environmental conditions such as for example temperature (i.e. hot or cold) humidity chemical biological entity nuclear physical pressure light liquid nuclear and/or other condition.

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

(19) INDIA

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ARRANGEMENT FOR ORIENTING MULTI TRACK VEHICLES IN THE DIRECTION OF TRAVEL IN CAR PARKS

(51) International classification	:E04H6/42,E01F9/08	(71)Name of Applicant :
(31) Priority Document No	:A1359/2010	1)KARISCH Franz
(32) Priority Date	:13/08/2010	Address of Applicant :Martin Hosp Strasse 51 A 9100
(33) Name of priority country	:Austria	VÃlkermarkt Austria
(86) International Application No	:PCT/EP2011/062324	(72)Name of Inventor :
Filing Date	:19/07/2011	1)KARISCH Franz
(87) International Publication No	:WO 2012/019884	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention is an arrangement for orienting multi track vehicles in the direction of travel in car parks or in garages wherein arrows which show the direction of travel and floor markings which indicate the parking spaces are provided on the floor of the parking area and/or on the walls of the garage as well as on free standing indicator boards. Different markings and installed components (2) (3) which form lateral boundaries are provided between the parking areas characterized above in order to achieve corresponding economy of space and also to facilitate exiting from vehicles wherein a wide footpath (2) characterized by marking or an installed component and a narrow boundary device characterized by an installed component (3) or a marking are provided alternately wherein they each respectively serve as a parking lane boundary.

No. of Pages : 13 No. of Claims : 6

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : SEPARATOR	R FOR LEAD ACID BAT	TERY
(51) International classification	:H01M2/14	(71)Name of Applicant :
(31) Priority Document No	:12/823976	1)TROJAN BATTERY COMPANY
(32) Priority Date	:25/06/2010	Address of Applicant :12380 Clark Street Santa Fe Springs
(33) Name of priority country	:U.S.A.	CA 90670 U.S.A.
(86) International Application No	:PCT/US2011/041651	(72)Name of Inventor :
Filing Date	:23/06/2011	1)HO Marvin C.
(87) International Publication No	:WO 2011/163489	2)BECKLEY Gordon C.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Separators for lead acid batteries and lead acid batteries including the same are provided. The separator includes a first layer made of a rubber material and a second layer made of a polymer material.

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

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

(43) Publication Date : 26/09/2014

(51) International classification	:H01F30/14	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAAB AB
(32) Priority Date	:NA	Address of Applicant :S 581 88 LinkÃping Sweden
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/SE2010/050847	1)KRUSE Lennart
Filing Date	:15/07/2010	2)BJÖRK SVENSSON Johan
(87) International Publication No	:WO 2012/008889	3)QVARNSTRÖM Ola
(61) Patent of Addition to Application	:NA	4)SKÖLD Claes GÃran
Number	:NA	
Filing Date	.11/2	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		l de la constante de la consta

(54) Title of the invention : A MULTIPHASE TRANSFORMER RECTIFIER UNIT

(57) Abstract :

The object of the present invention is to provide an inventive multiphase transformer rectifier unit (1) for converting a three phase (R S T) alternating current (AC) supplied from a power distribution system (2) to direct current (DC) supplied to at least one load (3). The multiphase transformer rectifier unit (1) comprises a magnetic core (5) having a primary winding set (17) and secondary winding set (18) and a rectifier circuit (22). The secondary winding set (18) is arranged to generate N substantially equally distributed output phases wherein N is an odd number multiple of 3 and N > 3 and the primary winding set (17) is arranged to provide a positive or negative phase shift equal substantially to 360/(8x N) degrees of said output phases. By connecting two such multiphase transformer rectifier units (1) to the three phase power distribution system one thereof with changed order of connection of the input phases the number of output pulses from the combination of two multiphase transformer rectifier units (1) will appear as doubled compared with a single inventive multiphase transformer rectifier unit (1) due to interleaved pulses from the two multiphase transformer rectifier units (1) thus reducing current distortion. It is also the object of the present invention to provide a corresponding inventive method of an arrangement of two inventive multiphase transformer rectifier units (1) for reducing current distortion in the power distribution system (2).

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

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A METHOD OF INCREASING THE EFFECT OF AN ACTIVATED POTENTIATED FORM OF AN ANTIBODY

classification (31) Priority Document No :20 (32) Priority Date :11: (33) Name of priority :R (33) Name of priority :R (34) Name of priority :R (35) Name of priority :R (35) Name of priority :R (36) International :I (37) Name of priority :R (38)	2010129290 5/07/2010 Russia PCT/IB2011/002350 5/07/2011	 (71)Name of Applicant : 1)EPSHTEIN Oleg Iliich Address of Applicant :4 Samotyochny Per. D. 3 kv. 72 Moscow 127473 Russia (72)Name of Inventor : 1)EPSHTEIN Oleg Iliich
Filing Date		

(57) Abstract :

The preset invention provides a method of increasing the effect of an activated potentiated form of an antibody to an endogenous biological molecule by combining said endogenous biological molecule with an activated potentiated form of an antibody to endothelial NO synthase. The present invention also provides a pharmaceutical composition comprising a) an activated potentiated form of an antibody to NO synthase.

No. of Pages : 94 No. of Claims : 15

(22) Date of filing of Application :13/02/2013

(54) Title of the invention : COMBINATION PHARMACEUTICAL COMPOSITION AND METHODS OF TREATING DISEASES OR CONDITIONS ASSOCIATED WITH NEURODEGENERATIVE DISEASES

classification(31) Priority Document No:2(32) Priority Date:1(33) Name of prioritycountry(86) InternationalApplication NoFiling Date(87) International PublicationNo(61) Patent of Addition toApplication NumberFiling Date(62) Divisional toApplication NumberNo	C07K16/18,C07K16/24,A61K41/00 2010129296 15/07/2010 Russia PCT/IB2011/002375 15/07/2011 WO 2012/017324 NA NA	 (71)Name of Applicant : 1)EPSHTEIN Oleg Iliich Address of Applicant :4 Samotyochny Per. D. 3 Kv. 72 Moscow 127473 Russia (72)Name of Inventor : 1)EPSHTEIN Oleg Iliich
Filing Date		

(57) Abstract :

The present invention relates to combination pharmaceutical composition comprising an activated potentiated form of an antibody to gamma interferon and an activated potentiated form of an antibody to S 100 protein and method of treating multiple sclerosis and other neurodegenerative diseases as well as the diseases and conditions associated with neuroinfections.

No. of Pages : 44 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : COMBINATION PHARMACEUTICAL COMPOSITION AND METHODS OF TREATING GENITOURINARY SYSTEM DISORDERS

(51) International classification	:C07K16/30	(71)Name of Applicant :
(31) Priority Document No	:2010129294	1)EPSHTEIN Oleg Iliich
(32) Priority Date	:15/07/2010	Address of Applicant :4 Samotyochny Per. D. 3 Kv. 72
(33) Name of priority country	:Russia	Moscow 127473 Russia
(86) International Application No	:PCT/IB2011/002417	(72)Name of Inventor :
Filing Date	:15/07/2011	1)EPSHTEIN Oleg Iliich
(87) International Publication No	:WO 2012/007849	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a pharmaceutical composition comprising a) an activated potentiated form of an antibody to prostate specific antigen and b) an activated potentiated form of an antibody to endothelial NO synthase. Various embodiments and variants are provided. The invention provides methods of treating benign prostatic hyperplasia and erectile dysfunctions and various methods of administration comprising administering a pharmaceutical composition comprising a) an activated potentiated form of an antibody to prostate specific antigen and b) an activated potentiated form of an antibody to prostate specific antigen and b) an activated potentiated form of an antibody to endothelial NO synthase.

No. of Pages : 40 No. of Claims : 20

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : MULTIFILAMENT SUPERCONDUCTOR HAVING REDUCED AC LOSSES AND METHOD FOR FORMING THE SAME

(51) International classification	:H01L39/02	(71)Name of Applicant :
(31) Priority Document No	:61/358369	1)UNIVERSITY OF HOUSTON SYSTEM
(32) Priority Date	:24/06/2010	Address of Applicant :316 E. Cullen Building Houston Texas
(33) Name of priority country	:U.S.A.	77204 2015 U.S.A.
(86) International Application No	:PCT/US2011/041422	(72)Name of Inventor :
Filing Date	:22/06/2011	1)SELVAMANICKAM Venkat
(87) International Publication No	:WO 2011/163343	2)SAMBANDAM Senthil
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
6	NT A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A high temperature superconductor structure including: a substrate on which at least one buffer layer is deposited a superconductor layer on the buffer layer the superconducting layer composed of superconductor material that forms at least two substantially parallel superconductor filaments that continuously extend along the length of the substrate wherein at least two superconductor filaments are separated from each other by at least one insulating strip wherein the insulating strip continuously extends along the length of the substrate and is composed of insulating material with a resistivity greater than about 1 mcm. Also disclosed are methods of producing high temperature superconductors.

No. of Pages : 43 No. of Claims : 66

(21) Application No.312/DELNP/2013 A

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : PARTICLES WITH A PLURALITY OF COATINGS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/US2011/044624 :20/07/2011 :WO 2012/012494 :NA :NA	 (71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. (72)Name of Inventor : 1)FERNANDEZ PRIETO Susana 2)SMETS Johan 3)AOUAD Yousef Georges 4)WEVERS Jean 5)BAGLIONI Piero 6)AMBROSI Moira 7)VANNUCCI Chiara
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(57) Abstract :

The present application relates to particles comprising a benefit agent encapsulated by a first layer that is in turn encapsulated by a second material and products comprising such particles as well as processes for making and using such particles and products comprising such 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 : 50 No. of Claims : 13

(22) Date of filing of Application :12/02/2013

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF L CARNITINE TARTRATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K31/205,C07C227/42,C07C229/22 :10009218.8 :06/09/2010 :EPO :PCT/EP2011/004469 :06/09/2011 :WO 2012/031736 ^O :NA :NA :NA	 (71)Name of Applicant : 1)LONZA LTD Address of Applicant :Lonzastrasse CH 3930 Visp Switzerland (72)Name of Inventor : 1)BÃCHNER Thomas 2)ZACHER Uwe
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L

(57) Abstract :

The invention relates to a process for the production of L carnitine tartrate wherein the L carnitine tartrate is precipitated from a reaction mixture comprising L carnitine and tartaric acid dissolved in ethanol the ethanol having a water content of less than 5% (w/w).

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

(19) INDIA

(22) Date of filing of Application :15/02/2013

(54) Title of the invention : CONTENT SERVER

(43) Publication Date : 26/09/2014

· · ·		1
(51) International classification	:G06F17/30,G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:1013855.0	1)DANCING SUN LIMITED
(32) Priority Date	:18/08/2010	Address of Applicant :1St Floor 37 Commercial Road Poole
(33) Name of priority country	:U.K.	Dorset BH14 0HU U.K.
(86) International Application No	:PCT/GB2011/001186	(72)Name of Inventor :
Filing Date	:08/08/2011	1)BARNETT Tom
(87) International Publication No	:WO 2012/022929	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A content server for serving content items for inclusion in a web page. The content server comprises a web interface a content store a serve log and a decision engine. The content store stores a plurality of content items each content item having associated with it a desired number of impressions for a predetermined time period. The serve log stores for each content item the most recent time which it was served by the content server. The decision engine is arranged to calculate for each content item a minimum time period for the content item based on its associated desired quantity of impressions and the predetermined time period and to select a content item for transmission by the web interface from amongst the content items for which the duration between the current time and the time stored in the serve log exceeds the minimum time period calculated for the content item.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : HETEROARYL SUBSTITUTED PYRIDINE COMPOUNDS FOR USE AS PESTICIDES

(51) Internationalclassification(31) Priority Document No	:C07D401/14,C07D417/14,A01N43/56 p:10167453.9	 (71)Name of Applicant : 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred Nobel Strasse 10 40789
(32) Priority Date	:28/06/2010	Monheim Germany
(33) Name of priority country	:EPO	(72)Name of Inventor : 1)BRETSCHNEIDER Thomas
(86) International Application No Filing Date	:PCT/EP2011/060596 :24/06/2011	2)FISCHER Reiner 3)FÃÃLEIN Martin 4)JESCHKE Peter
(87) International Publication No	:WO 2012/000896	5)KÖHLER Adeline 6)KLUTH Joachim
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:NA :NA	7)MÄHLTHAU Friedrich August 8)SATO Yoshitaka 9)VOERSTE Arnd 10)SUUMO LO Fijski
(62) Divisional to Application Number Filing Date	:NA :NA	10)SHIMOJO Eiichi

(57) Abstract :

The present application relates to novel heterocyclic compounds, to the use thereof for controlling animal pests, which include arthropods and especially insects, and to processes for preparing the novel compounds.

No. of Pages : 117 No. of Claims : 14

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : FUEL INJECTION VALVE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F02M51/06,F02M61/18,F02M61/10 :1020100059417 :23/06/2010 :Republic of Korea :PCT/KR2011/003734 :20/05/2011 :WO 2011/162484 :NA :NA :NA	 (71)Name of Applicant : 1)KEFICO CORPORATION Address of Applicant :410 Dangjeong dong Gunpo si Gyeonggi do 435 716 Republic of Korea (72)Name of Inventor : 1)Shin Moon Sung 2)Kang Kyeong Kyun
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(57) Abstract :

The invention relates to a fuel injection valve. The fuel injection valve for an internal combustion engine includes a needle 2 which moves within a valve housing 1; a valve seat 3 formed therein with an opening and closing hole which is opened and closed by the needle 2; an orifice plate 4 which is attached to a lower portion of the valve seat 3 and from which a fuel is injected through an injection hole 41; a fuel tube 6 being a path through which the fuel injected from the orifice plate 4 is supplied to the internal combustion engine; and a tube adaptor which is installed between the orifice plate 4 and the fuel tube 6 in order to prevent a leakage of the fuel supplied from the orifice plate 4 to the fuel tube 6.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:B67D1/08	(71)Name of Applicant :
(31) Priority Document No	:1010660.7	1)MARABINI Silvia Romana
(32) Priority Date	:24/06/2010	Address of Applicant : Via dei Mille 13 I 24050 Grassobbio
(33) Name of priority country	:U.K.	Italy
(86) International Application No	:PCT/GB2011/051178	(72)Name of Inventor :
Filing Date	:23/06/2011	1)SMITH Andrew
(87) International Publication No	:WO 2011/161456	2)SONZOGNI Sergio
(61) Patent of Addition to Application	:NA	3)WALTON Philip Andrew
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		t.

(54) Title of the invention : RECYCLABLE VALVE CLOSURE FOR KEG

(57) Abstract :

A fully recyclable valve housing adapted for engagement with a neck of a container such as a beer keg has an inner port (25) for liquid and a concentric outer port (14) for pressurised gas with openings (21) for admitting pressurised gas into the container. A dip tube (5) is connected to a bottom end fitting (4) communicating with a valve stem (8) within the valve housing. A valve member 6 is arranged to control flow through the concentric ports and a spring element (7) located about the valve stem (8) urges the valve member upwards to close the ports. The spring element (7) is moulded from a resilient polymeric material and comprises a plurality of C shaped sections (7a) angularly arranged in two interconnected stacks on opposite sides of the valve stem such that movement of the valve member (6) by means of a valve operating member causes concurrent resilient deformation of all the sections.

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

(54) Title of the invention : REMOVABLE ROTOR BLADE TIP

(19) INDIA

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(51) International classification	:F03D1/06	(71)Name of Applicant :
(31) Priority Document No	:10 2010 040 596.5	1)WOBBEN PROPERTIES GMBH
(32) Priority Date	:10/09/2010	Address of Applicant :Dreekamp 5 26605 Aurich Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/065116	1)OLTHOFF Gerhard
Filing Date	:01/09/2011	
(87) International Publication No	:WO 2012/031976	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

A rotor blade tip (100) for a rotor blade (200) in particular for a rotor blade of a wind energy installation (1) which is in the form of an autonomous part which can be connected to the rotor blade (200) and has a first connecting surface (102) which is directed in the direction of the rotor blade to be connected. In order to produce the connection to the rotor blade (200) first guide means (110) having a guide device (FR) for production of the connection to the rotor blade (200) as well as first locking means (120) for attachment of the rotor blade tip (100) to the rotor blade (200) are provided on the connecting surface (102) as first components of a connecting mechanism. In particular for a wind energy installation (1) the rotor blade (200) consists of a rotor blade body (202) having an aerodynamic profile (204) which has a pressure side (204.2) and a suction side (204.1) a rotor blade root at a first end of the rotor blade tip (100) at a second end opposite the first end wherein for the connection to the rotor blade tip (100) the rotor blade tip (100) at a second end opposite the first end wherein for the connection to the rotor blade tip (100) the rotor blade body (206) has second components of the connecting mechanism which contain second guide means (210) which are complementary to the first guide means (110) of the rotor blade tip (100) as well as second locking means (220) which interact with the first locking means (120) of the rotor blade tip (100).

No. of Pages : 24 No. of Claims : 16

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification :F01M (71)Name of Applicant : 1)TENARIS CONNECTIONS LIMITED (31) Priority Document No :61/365952 (32) Priority Date :20/07/2010 Address of Applicant :112 Bonadie St. Kingstown ST. Vincent (33) Name of priority country :U.S.A. and The Grenadiens :PCT/IB2011/002471 (72)Name of Inventor : (86) International Application No Filing Date :20/07/2011 1)RIBALTA Jesus Casar (87) International Publication No :WO 2012/010981 2)DELLERBA Diego NicolÃ;s (61) Patent of Addition to Application **3)CARCAGNO Gabriel Eduardo** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : JOINTS HAVING IMPROVED SEALABILITY LUBRICATION AND CORROSION RESISTANCE

(57) Abstract :

Embodiments of the present disclosure provide systems and methods for assembly of tubular joints which overcome the drawbacks and limitations of conventional joints. In certain embodiments the tubular joints may comprise threaded joints used in oil exploration. Joints may be assembled using a combination of a) position control b) specific production tolerances for thread parameters and c) coatings applied on threaded areas of the joint. In further embodiments the tubular joints may have no torque shoulder and/or metal to metal seals. In additional embodiments the joints may be further assembled and disassembled several times without application of dope or grease and exhibit enhanced sealability. Beneficially embodiments of the present disclosure may provide high tolerance precisely assembled joints that provide improved performance (e.g. mechanical performance sealability corrosion resistance lubrication) and reliability over non premium connections without the expense associated with premium connections.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:H04L12/56	(71)Name of Applicant :
(31) Priority Document No	:12/834735	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:12/07/2010	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IB2011/052610	1)LIU Hua Autumn
Filing Date	:16/06/2011	2)KINI Sriganesh
(87) International Publication No	:WO 2012/007858	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.111/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SHARING RESOURCE RESERVATIONS AMONG DIFFERENT SESSIONS IN RSVP TE

(57) Abstract :

A method to optimize resource allocation in a network employing MPL S the method including the steps of communicating with a second node to establish a first LSP that includes a first node and the second node using an extension of RSVP TE in a first RSVP TE session having a group identifier. A resource controllable by the network element is allocated to the first LSP and is associated with the group identifier. The steps including communicating with a third node in the network to establish a second LSP that includes the first node and the third node using the extension of RSVP TE through a second RSVP TE session that is different than the first session and has the same group identifier. The resource is shared between the first LSP and the second LSP because the same group identifier is associated with the first RSVP TE session and second RSVP TE session.

No. of Pages : 23 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MASTER SLAVE MANIPULATOR		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 		 (71)Name of Applicant : 1)OLYMPUS CORPORATION Address of Applicant :43 2 Hatagaya 2 chome Shibuya ku Tokyo 1510072 Japan (72)Name of Inventor : 1)KISHI Kosuke
Number Filing Date	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

A master slave manipulator includes a remote manipulation device (100) a slave manipulator (300) and a control unit (200). The remote manipulation device (100) gives a manipulation command corresponding to a plurality of degrees of freedom. The slave manipulator (300) has a plurality of joints corresponding to the plurality of degrees of freedom and a redundant joint is included in the plurality of joints. The control unit (200) controls the operations of the joints in accordance with the manipulation command. The control unit (200) calculates the posture change of the remote manipulation device from the manipulation command and using the posture change selects from among the joints and drives one joint among joints that are in a redundant relationship at predetermined time intervals.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

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

(51) International classification(31) Priority Document No(32) Priority Date	:H04W16/14,H04W28/16 :2010155116 :07/07/2010	 (71)Name of Applicant : 1)SONY CORPORATION 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/JP2011/063657 :15/06/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/005092	1)SAWAI Ryo
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number		
Filing Date	:NA	

(57) Abstract :

To enable the adiustment 01 architecture for secondary use among a plurality of secondary communication services. The disclosed communication control device is for controlling communications carried out by one or more secondary-use nodes that provide secondary communication services by using a portion of the frequency band of a primary communication service, the communication control device including: a communication section that receives, from each secondary-use node, service area information for estimating service areas and access scheme information which indicates usable wireless access schemes; a storage section that stores the service area information and the access scheme information; an estimation section that estimates the service areas of two or more secondary communication services by using the service area information; and a control section that informs each secondary-use node of a recommended wireless access scheme or a recommended channel on the basis of the access scheme information and the positional relationship between the service areas.

No. of Pages : 66 No. of Claims : 14

(19) INDIA

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

(43) Publication Date : 26/09/2014

(-)		
(51) International classification	:A61B17/16	(71)Name of Applicant :
(31) Priority Document No	:61/363247	1)MININVASIVE LTD.
(32) Priority Date	:11/07/2010	Address of Applicant :111 Arlozorov St. 62098 Tel Aviv
(33) Name of priority country	:U.S.A.	Israel
(86) International Application No	:PCT/IL2011/000549	(72)Name of Inventor :
Filing Date	:11/07/2011	1)SHOLEV Mordehai
(87) International Publication No	:WO 2012/007941	2)LAVI Gilad
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : CIRCULAR BONE TUNNELING DEVICE

(57) Abstract :

An adjustable suture passer for use in arthroscopic surgery is disclosed. In a preferred embodiment the adjustable suture passer comprises a head that describes a semicircular arc an elongate body a support element and driving and control mechanisms. The head is adapted to accommodate a surgical needle and a guide wire. When the adjustable suture passer is activated the needle is driven with sufficient force to penetrate bone. Use of the adjustable suture passer thus enables surgical attachment of soft tissue to bone without any necessity for a separate anchor.

No. of Pages : 68 No. of Claims : 70

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : A METHOD AND SYSTEM OF COOLING FOR USE IN INDUSTRY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B66C :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)BHATIA, RAHAT Address of Applicant :D-145, SECTOR-11, FARIDABAD-121006, HARYANA, INDIA (72)Name of Inventor : 1)BHATIA, RAHAT
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A control system is provided for controlling a flow of cooling fluid to one or more core pins in a die casting assembly. The control system includes an air supply line, a water supply line, and a programmable logic controller (PLC). The air supply line includes at least one air booster for pressurizing air in the air supply line, and a first solenoid valve located upstream of the air booster for injecting water at high pressure using highly pressurized air. The w er supply line includes a second solenoid valve disposed therein. The second solenoid valve is configured to release air from a water filling line during/before a water fill process. The PLC is coupled to the first solenoid valve and the second solenoid valve. The PLC is configured to control an operational mode of the first and second solenoid valves.

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

(19) INDIA

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MIXED GAS GENERATION DEVICE (51) International classification :C25B9/00,C01B3/02,C25B1/04 (71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA (31) Priority Document No :NA (32) Priority Date :NA Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571 (33) Name of priority country :NA Japan (86) International Application No:PCT/JP2010/072033 (72)Name of Inventor: Filing Date :08/12/2010 1)ITO Yasushi (87) International Publication No :WO 2012/077200 (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

This invention relates to a mixed gas generation device and addresses the problem of providing a mixed gas generation device capable of energy efficient generation of CO and H. An energy efficiency characteristic line (10) for electrolysis relative to the ratio of CO and H generated (CO/H) is a downwardly convex curve. Thus rather than at an operating point A which gives CO/H = 1/2 electrolysis occurs divided by an operating point B and an operating point C. Each of the electrolysis times is divided such that the generation ratio of the mixed gas having been mixed after electrolysis at each of the generation ratios becomes CO/H = 1/2. This makes it possible to achieve energy efficiency in the vicinity of an operating point D which is higher than that of the operating point A.

No. of Pages : 35 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : NOVEL ANTI-PROLIFERATIVE COMPLEX AND A METHOD FOR PREPARATION THEREOF

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALIGARH MUSLIM UNIVERSITY, ALIGARH
(32) Priority Date	:NA	Address of Applicant : DEPARTMENT OF CHEMISTRY,
(33) Name of priority country	:NA	ALIGARH MUSLIM UNIVERSITY, ALIGARH - 202002,
(86) International Application No	:NA	UTTAR PRADESH, INDIA
Filing Date	:NA	2)DEPARTMENT OF BIO-TECHNOLOGY
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)TABASSUM SARTAJ
Filing Date	:NA	2)ARJMAND FARUKH
(62) Divisional to Application Number	:NA	3)MOHD. AFZAL
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to the copper based coordination complex of Formula (1) or a pharmaceutically acceptable salts, polymorphs and derivatives thereof, wherein, Xi, X2, X3, and X4 are independently selected from the group consisting of chlorine, bromine and fluorine. The present disclosure also relates to a method for preparation of the copper based coordination complex of Formula (I) and its application for preventing/curing/treating proliferative diseases.

No. of Pages : 55 No. of Claims : 13

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : ANTI GD2 ANTIBODIES

 (51) International classification (31) Priority Document No (61/397920 (32) Priority Date (33) Name of priority (34) Priority Date (35) International (36) International (37) International Publication (38) No (39) PCT/US2011/041082 (30) POC/2011 (30) POC/2011 (31) PCT/US2011/041082 (31) PCT/US2011/041082 (32) POC/2011 (32) PCT/US2011/041082 (33) PCT/US2011/041082 (34) POC/2011 (35) PCT/US2011/041082 (35) PCT/US2011/041082 (36) International Publication (37) International Publication (37) International Publication (37) International Publication (38) PCT/US2011/160119 (39) PCT/US2011/160119 (30) PCT/US2011/160119 (31) PCT/US2011/160119 (32) PCT/US2011/160119 (32) PCT/US2011/160119 (33) PCT/US2011/160119 (34) PCT/US2011/160119 (35) PCT/US2011/160119 (36) PCT/US2011/160119 (37) PCT/US2011/160119 (38) PCT/US2011/160119 (39) PCT/US2011/160119 (31) PCT/US2011/160119 (32) PCT/US2011/160119 (32) PCT/US2011/160119 (33) PCT/US2011/160119 (34) PCT/US2011/160119 (35) PCT/US2011/160119 (36) PCT/US2011/1	 N5/07 (71)Name of Applicant : 1)MEMORIAL SLOAN KETTERING CANCER CENTER Address of Applicant :Office of Technology Development 1275 York Avenue New York NY 10065 U.S.A. (72)Name of Inventor : 1)CHEUNG Nai Kong 2)AHMED Mahiuddin
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(57) Abstract :

In this application are described chimeric humanized affinity matured stability enhanced and bispecific Anti GD2 antibodies and fragments thereof. Also provided are methods of using individual antibodies or compositions thereof for the detection prevention and/or therapeutical treatment of GD2 related diseases in particular neuroblastoma.

No. of Pages : 201 No. of Claims : 36

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : MOUTHWASH FORMULATIONS FOR USE WITH TOOTHBRUSH DELIVERY DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61C17/00,A61K8/27,A61K8/34 :NA :NA :NA :PCT/US2010/043825 :30/07/2010 :WO 2012/015420 :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)MELLO Sarita 2)PATEL Madhusudan 3)KENNEDY Sharon 4)BOYD Thomas 5)ARVANITIDOU Evangelia S.
Application Number		
Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed are compositions suitable for use with an oral care implement. The compositions provide improved sensory appeal and comparable reduction in volatile sulfur compounds and antibacterial activity to advanced formula toothpaste formulations. The compositions include a high percentage of antibacterial agent and flavoring when compared to conventional toothpastes and some mouth washes formulations such that only minor amounts of the composition can be delivered to the oral care implement to provide improved reduction in volatile sulfur compounds antibacterial efficacy and optionally a cooling sensation.

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

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : FLEXIBLE HIGH REFRACTIVE INDEX POLY (METH) ACRYLATES

(51) International classification	:C08F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SURENDRA PONRATHNAM
(61) Patent of Addition to Application Number	:NA	2)RAVINDRA VASANT GHORPADE
Filing Date	:NA	3)NAYAKU NIVRATI CHAVAN
(62) Divisional to Application Number	:NA	4)KISHOR SUDAM RAJDEO
Filing Date	:NA	5)SUNIL SITARAM BHONGALE

(57) Abstract :

The present invention discloses an improved hydrophobic, flexible co-polymer with high refractive index for use in ophthalmic lenses, particularly intraocular lens and to the process of preparation thereof.

No. of Pages : 58 No. of Claims : 10

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : TRACTIONAL STABILITY CONTROL SYSTEM BASED ON INTERGRATED ABS AND WEIGHT TRANSFER MECHANISM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA :NA : NA :NA :NA	 (71)Name of Applicant : 1)SHANTANU MISHRA Address of Applicant :521/62, BADA CHANDGANJ, MAHANAGAR EXTENSION, LUCKNOW - 22606 UTTAR PRADESH India (72)Name of Inventor : 1)SHANTANU MISHRA 2)DR. PRAVEEN PACHAURI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

It is a system that incorporates use of vehicle dynamics to enhance the handling characteristics of the vehicle during extreme vehicle operations like cornering. The system comprises of a dynamically varying wheelbase operated through hydraulic actuation. The hydraulic action is controlled through a monitoring and controlling unit that constantly monitors the vehicle state parameters like the vehicle yaw rate and acceleration, individual wheel speed, longitudinal acceleration and Front/rear axle loads. New system uses a new technique known as the weight transfer techniques through a special mechanism to improve vehicle handling. Conventional Traction control systems make use of spark timing, fuel supply and differential braking to control the torque transmitted to the wheels which eventually only minimizes the loss of control but Tractional stability control system with integrated ABS and weight transfer mechanism can improve the performance of the vehicle during cornering.

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

(19) INDIA

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MORDENITE TYPE ZEOLITE SCR CATALYSTS WITH IRON OR COPPER

 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	¹ :PCT/EP2011/064731 :26/08/2011	 (71)Name of Applicant : 1)TECHNICAL UNIVERSITY OF DENMARK Address of Applicant :Anker Engelunds Vej 1 DK 2800 Kgs. Lyngby Denmark (72)Name of Inventor : 1)SANKAR REDDY Putluru Siva 2)RIISAGER Anders 3)FEHRMANN Rasmus
(87) International Publication No	:WO 2012/025617	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 		
Filing Date	:NA	

(57) Abstract :

Cu/mordenite catalysts were found to be highly active for the SCR of NO with NH and exhibited high resistance to alkali poisoning. Redox and acidic properties of Cu/mordenite were well preserved after poisoning with potassium unlike that of vanadium catalysts. Fe mordenite catalysts also revealed much higher alkali resistivity than that of commercial VO/WO TiO (VWT) SCR catalyst which is currently used for NO abatement in stationary installations. Unique support properties like high surface area and surface acidity which are not available in the commercial VWT catalyst seem to be essential requirements for the high alkali resistance. Mordenite type zeolite based catalysts could therefore be attractive alternatives to conventional SCR catalysts for biomass fired power plant flue gas treatment.

No. of Pages : 53 No. of Claims : 11

(21) Application No.296/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : DISINFECTING AND STERILISING SOLUTIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:PCT/GB2011/051198	 (71)Name of Applicant : 1)GX LABS HOLDINGS LIMITED Address of Applicant :1st Floor Centre Heights 137 Finchley Road London NW3 6JG U.K. (72)Name of Inventor : 1)TOFT John
Filing Date	:24/06/2011	
(87) International Publication No	:WO 2011/161469	
(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 disinfecting and sterilising solutions containing glutaraldehyde. In particular the invention provides solutions which are stabilised through the use of a unique combination of additives including a bioflavonoid antioxidant (or other phenolic antioxidant) and an alkyl polyglucoside surfactant.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR ESTIMATING THE DYNAMIC LOAD BORNE BY A VEHICLE TIRE (51) International classification :B60C23/04,G01G19/08 (71)Name of Applicant : (31) Priority Document No 1)COMPAGNIE GENERALE DES ETABLISSEMENTS :1055696 (32) Priority Date :13/07/2010 MICHELIN (33) Name of priority country Address of Applicant :12 cours Sablon F 63000 Clermont :France :PCT/EP2011/061099 (86) International Application No Ferrand France 2)MICHELIN RECHERCHE ET TECHNIQUE S.A. Filing Date :01/07/2011 (87) International Publication No :WO 2012/007296 (72)Name of Inventor : (61) Patent of Addition to Application **1)LEMINEUR Vincent** :NA Number :NA Filing Date (62) Divisional to Application Number :NA

:NA

(57) Abstract :

Filing Date

The invention relates to a method for estimating the dynamic load borne by a tyre of a vehicle running along over a given period, whereby the pressure is measured during the period, at each pressure measurement point, the pressure, known as the reference pressure, of the same tyre subjected to a load that is constant and known per time interval is determined, and the variation in load is calculated from the difference between the measured pressure and the pressure, known as the reference pressure, and fiom a model of the tyre devised beforehand and that relates a variation in load to a variation in pressure. The invention also proposes a method for estimating the load borne by a tyre.

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

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

(54) Title of the invention : RING FUSED PYRIMIDINES AND TRIAZINES AND USE THEREOF FOR THE TREATMENT AND/OR PROPHYLAXIS OF CARDIOVASCULAR DISEASES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D487/04,A61K31/519,A61K31/522 :102010031149.9 :09/07/2010 :Germany :PCT/EP2011/061305 :05/07/2011 :WO 2012/004258 ^o :NA :NA :NA	 (71)Name of Applicant : 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred Nobel Strasse 10 40789 Monheim Germany (72)Name of Inventor : 1)FOLLMANN Markus 2)STASCH Johannes Peter 3)REDLICH Gorden 4)ACKERSTAFF Jens 5)GRIEBENOW Nils 6)KNORR Andreas 7)WUNDER Frank 8)LI Volkhart Min Jian 9)KROH Walter 10)BÃ,,RFACKER Lars

(57) Abstract :

The invention relates to novel ring-fused pyrimidines and triazines, to methods for the production thereof, use thereof on its own or combined for the treatment and/or Prophylaxis of diseases and to the use thereof for producing medicaments for the treatment and/or Prophylaxis of diseases, in particular for the treatment and/or Prophylaxis of cardiovascular diseases.

No. of Pages : 175 No. of Claims : 16

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

(54) Title of the invention : POLYURETHANE BASED INHIBITION SYSTEM FOR NITRAMINE EXTRUDED DOUBLE BASE PROPELLANT FOR REDUCED SMOKE APPLICATION AND PROCESS FOR PREPARATION THEREOF

(51) International classification	:C08F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DIRECTOR GENERAL DEFENCE RESEARCH &
(32) Priority Date	:NA	DEVELOPMENT ORGANIZATION
(33) Name of priority country	:NA	Address of Applicant : Ministry of Defence Government of
(86) International Application No	:NA	India West Block-VIII Wing-1 Sector-1 R. K. Puram New
Filing Date	:NA	Delhi 110 066 India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SINGH Raja Vasta
Filing Date	:NA	2)MONDAL Amit Kumar
(62) Divisional to Application Number	:2523/DEL/2005	3)BHALERAO Kisan Gopala
Filed on	:16/09/2005	4)DIVEKAR Pandharinath Krushnaji

(57) Abstract :

A chemical coating compound for nitramine extruded double based propellant represented by formula 1.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(57) Abstract :

Systems and methods for tracking a transit vehicle are described herein. According to the present subject matter the system(s) implement the described method(s) for generation of cluster record for a plurality of passengers travelling on a route in a transit vehicle and determining an estimated time of arrival of the transit vehicle at a stop on the route. The plurality of passengers communicate with each other to generate the cluster record including a plurality of clusters and a cluster chain where each cluster from amongst the plurality of clusters includes a set of passengers from amongst the plurality of passengers who board the transit vehicle from a same stop. The method further includes determining a cluster whose passengers have last boarded the transit vehicle to determine the estimated time of arrival. <<

No. of Pages : 44 No. of Claims : 10

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CR CONTAINING AUSTENITE ALLOY PIPE AND PRODUCTION METHOD FOR SAME

(51) International classification(31) Priority Document No(32) Priority Date	n:C23C8/18,C22C19/05,C22C38/00 :2010189111 :26/08/2010	(71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION
(33) Name of priority country		Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
 (86) International Application No Filing Date (87) International Publication No 	:PCT/JP2011/068414 :12/08/2011 :WO 2012/026344	Tokyo 1008071 Japan (72)Name of Inventor : 1)MASAKI Yasuhiro 2)TASAKA Masahito 3)KANZAKI Manabu
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)UEHIRA Akihiro 5)KINOMURA Shoji
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a Cr containing austenite alloy pipe with a chrome oxide coating film that is 0.05 1.5 μ m thick and has the relationship shown in formula (i) formed on an inside surface thereof wherein the C average concentration within a depth of 5 10 μ m from a surface layer part on the inside surface side of the pipe is less than the C concentration of the starting material. 0.4d1/d22.5 \mid (i) wherein d1 and d2 are the chrome oxide coating material thicknesses (μ m) at each end of the pipe.

No. of Pages : 36 No. of Claims : 10

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : KINASES AS TARGETS FOR ANTI DIABETIC THERAPY

 (51) International classification (31) Priority Document N (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:03/09/2010 :EPO :PCT/EP2011/004567 :05/09/2011 :WO 2012/028335 :NA :NA :NA	 (71)Name of Applicant : MAX PLANCK GESELLSCHAFT ZUR FÃ-RDERUNG DER WISSENSCHAFTEN E.V. Address of Applicant :Hofgartenstr. 8 80539 München Germany (72)Name of Inventor : BÃ,,CKER Mathias ULLRICH Axel
Application Number Filing Date	:NA	

(57) Abstract :

The present invention is related to compound capable of modulating the activity and/or expression of the protein kinases

SCYL1 ADCK1 and GRK5 thereby enhancing the expression and/or release of insulin. The invention is further related to methods of identifying said compounds for the treatment of diseases of the carbohydrate metabolism. The invention is further related to methods of treatment of diseases of the carbohydrate metabolism particularly diabetes mellitus type 2.

No. of Pages : 61 No. of Claims : 14

(19) INDIA

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

(54) Title of the invention : SYSTEMS AND METHODS FOR TERMINATING COMMUNICATION REQUESTS

(51) International classification	:H04L29/06,H04L29/12,H04M3/46	(71)Name of Applicant : 1)VONAGE NETWORK LLC
(31) Priority Document No	:12/822970	Address of Applicant :23 Main Street Holmdel NJ 07733
(32) Priority Date	:24/06/2010	U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application	:PCT/US2011/041742	1)LAZZARO Nicholas P.
No	:24/06/2011	2)RILEY John
Filing Date	.24/00/2011	3)SOUTH Michael
(87) International Publication	:WO 2011/163547	4)VILLANI Pasquale
No		5)ERICKSON John
(61) Patent of Addition to	:NA	6)HARDY Gregory Alan
Application Number	:NA :NA	7)LEFAR Marc
Filing Date	.INA	8)MCSHERRY Andrew James
(62) Divisional to Application	:NA	9)OTTUR Deepak
Number	:NA :NA	10)BROCK Andrew Robert
Filing Date	.inA	11)TRIPP Andrew H.

(57) Abstract :

An IP telephony service allows customers to form user groups. Each user group can include multiple telephony devices that are associated with one or more users. One or more group identifiers would be associated with each user group. When an incoming communication is directed to a user group a group identifier is used to retrieve a list of the members of the group or a list of devices that correspond to the members of the user group. The communication is then sent to one or more members of the group or to one or more of the devices that correspond to members of the user group. Handling preferences may determine how the incoming communication is delivered. In some instances the incoming communication could be a telephone call. In other instances the incoming communication could be a SMS message or an instant message.

No. of Pages : 84 No. of Claims : 151

(22) Date of filing of Application :14/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : AN IMPROVED MUFFLER TO REDUCE SHELL RADIATING NOISE FOR AGRICULTURAL TRACTORS

(51) International classification(31) Priority Document No(32) Priority Date	:B23B :NA :NA	 (71)Name of Applicant : 1)ESCORTS LIMITED, Address of Applicant :AGRI MACHINERY GROUP, 18/4,
(32) Fibrity Date (33) Name of priority country	:NA	MATHURA ROAD, FARIDABAD-121007 Haryana India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ASHISH ARORA
(87) International Publication No	: NA	2)RAJNEESH AGARWAL
(61) Patent of Addition to Application Number	:NA	3)SANTANU KUMAR JENA
Filing Date	:NA	4)MUKESH KUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an improved muffler to reduce shell radiating noise for agricultural tractors comprising of an expansion chamber closed at both ends with a perforated pipe through each of said ends, which are joined at the middle of the chamber, in which said expansion chamber is provided with double layered outer wall with a gap there between filled with damping material. It is associated with the following advantageous features:- Reduction of shell radiating noise. Reduction of overall noise level at Operator Ear Level by 2 dB(A) Reduction of vibration at outer shell of muffler body. Reduction of temperature of outer shell of muffler body.

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

(22) Date of filing of Application :14/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : VERY LOW COST MEDIUM FOR PRODUCTION OF SALT TOLERANT BIO-GROWTH ENHANCERS (BACILLUS, PSEUDOMONAS & TRICHODERMA) FOR INCREASING PRODUCTIVITY OF AGRI-HORTI CROPS IN NORMAL AND SODIC SOILS.

		(71)Name of Applicant :
(51) International classification	:A01N	1)INDIAN COUNCIL OF AGRICULTURE RESEARCH Address of Applicant :INDIAN COUNCIL OF
(31) Priority Document No	:NA	AGRICULTURAL RESEARCH, KRISHI BHAWAN, DR.
(32) Priority Date	:NA	RAJENDRA PRASAD ROAD, NEW DELHI-110001, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1) DR. R. B. RAI
Filing Date	:NA	2)DR. T. DAMODARAN
(87) International Publication No	: NA	3)DR. R. S. RATHOR
(61) Patent of Addition to Application Number	:NA	4)SHRI. R. KANNAN
Filing Date	:NA	5)DR. D.K. SHARMA
(62) Divisional to Application Number	:NA	6)DR. A.P. SRIVASTAVA
Filing Date	:NA	7)DR. VINAY KUMAR MISHRA
		8)DR. S.K. JHA
		9)VIJAYA LAXMI SAH

(57) Abstract :

A VERY LOW COST NATURAL BIO-DEGRADABLE MEDIUM HAVING COW DUNG (35%), COW URINE (6%), JAGGERY (10%), GYPSUM (10%) AND WATER (UP TO 100%) FOR PRODUCTION OF PLANT BIO-ENHANCERS CONTAINING BACILLUS, PSEUDOMONAS AND ADDITIONAL POTATO EXTRACT (4%) FOR TRICHODERMA.

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

(19) INDIA

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESS FOR THE MANUFACTURE OF TMHQ

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10174083.5 :26/08/2010 :EPO :PCT/EP2011/064623 :25/08/2011 :WO 2012/025587	 (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)NETSCHER Thomas 3)SCHÃTZ Jan 4)WÃSTENBERG Bettina
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(57) Abstract :

The present invention is directed to a process for the manufacture of 2,3,5-trimethyl-hydro-/>-benzoquinone com prising the following steps: a) hydrogenating 2,6-dimethyl-/>-benzoquinone with hydrogen in the presence of a hydrogenation cat alyst in an organic solvent to obtain 2,6-dimethyl-hydro-/>-benzoquinone; b) reacting 2,6-dimethyl-hydro-/>-benzoquinone with a secondary amine and formal-dehyde in an organic solvent to obtain 2,6-dimethyl)-hydro-/>-benzoquinone with hydrogen in the presence of a hydrogenoity c) reacting 2,6-dimethyl-hydro-/>-benzoquinone; c) reacting 2,6-dimethyl-3-(N,N-disubstituted ammomethyl)-hydro-/>- benzoquinone; c) reacting 2,6-dimethyl-3-(N,N-disubstituted ammomethyl)-hydro-/>-benzoquinone; with hydrogen in the presence of a hydrogenolysis catalyst in an organic solvent to obtain 2,3,5-trimethymydro-/>-benzoquinone; wherein the organic solvent in all steps a), b) and c) is independently selected from the group consisting of methyl tert. -butyl ether, ethyl tert. -butyl ether, methyl tert. -amyl ether, methoxycyclopentane and any mixtures thereof. Preferably the organic solvent used in all steps a), b) and c) is the same.

No. of Pages : 44 No. of Claims : 14

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : AMIDE BA	SED INSULIN PRODRUG	BS
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07K14/62,A61K38/00 :61/358192 :24/06/2010 :U.S.A. :PCT/US2011/041603 :23/06/2011 :WO 2011/163462 :NA :NA :NA :NA	 (71)Name of Applicant : 1)INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION Address of Applicant :351 West 10th Street Indianapolis IN 46202 U.S.A. (72)Name of Inventor : 1)DIMARCHI Richard D. 2)KOU Binbin 3)CHENG Shujiang

(57) Abstract :

Prodrug formulations of insulin and insulin analogs are provided wherein the insulin peptide has been modified by an amide bond linkage of a dipeptide prodrug element. The prodrugs disclosed herein have extended half lives of at least 10 hours and more typically greater than 2 hours 20 hours and less than 70 hours and are converted to the active form at physiological conditions through a non enzymatic reaction driven by chemical instability.

No. of Pages : 317 No. of Claims : 56

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : SINGLE OR MULTI PHASE DRY TYPE TRANSFORMER HAVING AT LEAST TWO COILS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01F2//32 :10007133.1 :10/07/2010 :EPO	 (71)Name of Applicant : 1)ABB TECHNOLOGY AG Address of Applicant :Affolternstrasse 44 CH 8050 Zürich Switzerland (72)Name of Inventor : 1)WEBER Benjamin 2)PATEL Bhavesh 3)ESENLIK Burak 4)CORNELIUS Frank 5)BOCKHOLT Marcos 6)TEPPER Jens 7)MURILLO Rafael 8)ROY Carlos
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(57) Abstract :

The invention relates to a single or multi phase dry type transformer having at least two coils (1 2 3) wherein a barrier (4 6 7 8 10 11) between phases made of an electrically insulating material is arranged in the intermediate space between the individual coils.

No. of Pages : 14 No. of Claims : 11

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : CERAMIC FILLED FLUOROPOLYMER COMPOSITIONS METHODS AND APPLICATIONS THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B32B15/08, H01B3/12 :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)THE SECRETARY MINISTRY OF INFORMATION TECHNOLOGY GOVT. OF INDIA Address of Applicant :Electronics Niketan 6 CGO Complex Lodhi Road New Delhi-110 003 India 2)CENTRE FOR MATERIALS FOR ELECTRONICS TECHNOLOGY (C-MET)
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)RAJESH SURENDRAN
Filing Date	:NA	2)MURALI KODAKKATTUMANA PURUSHOTHAMAN
(62) Divisional to Application Number	:NA	3)RATHEESH RAVENDRAN
Filing Date	:NA	

(57) Abstract :

The present disclosure is in the field of electrical circuits and particularly to circuits characterized by plural conductive paths supported on a non-conductive substrate. The disclosure relates to ceramic filler compositions and methods for preparing said compositions. Further the present disclosure discloses fluropolymer-ceramic filler compositions and their laminates along with their respective methods for preparing the same. Said fluropolymer-ceramic filler compositions provide for excellent properties for dielectric constant loss tangent and temperature coefficient of dielectric constant. In addition electrical substrate materials comprising of a conductive outer layer supported on a thin sheet of insulating material is also disclosed.

No. of Pages : 29 No. of Claims : 24

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : OLIGONUCLEOTIDES FOR THE DETECTION OF PLASMODIAL SP AND AN ASSAY THEREOF

(51) International classification	:C12P	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THE REGISTRAR, BIRLA INSTITUTE OF
(32) Priority Date	:NA	TECHNOLOGY & SCIENCE
(33) Name of priority country	:NA	Address of Applicant : THE REGISTRAR, BIRLA
(86) International Application No	:NA	INSTITUTE OF TECHNOLOGY & SCIENCE, PILANI-333031,
Filing Date	:NA	RAJASTHAN, INDIA
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)PROF. ASHIS DAS
Filing Date	:NA	2)DEEPAK PAKALAPATI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention concerns the oligonucleotide molecules for the detection of Plasmodium sp. wherein these molecules hybridize under medium to high stringency conditions to unique 28S rRNA IrDNA sequences of the plasmodial species (Genus) and Plasmodium falciparum and Plasmodium vivax (species-specific) and a microtitreplate based method of detection of the presence of the parasite nucleic acids in the samples. The invention describes a method to detect all the plasmodia easily in a high throughput manner, permitting large scale mass examination, useful for epidemiological research and antimalarial programmes.

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

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR LOCATING FAULTS IN COMMUNICATIONS NETWORKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H03F3/68,H04K1/02,H04L25/00 :2010903266 :21/07/2010 :Australia :PCT/AU2011/000917 :19/07/2011	 (71)Name of Applicant : 1)KAELUS PTY LTD Address of Applicant :34 Corporate Drive Cannon Hill Queensland 4170 Australia (72)Name of Inventor : 1)DELFORCE Greg 2)HORSFIELD Brendan
(87) International Publication No	:WO 2012/009757	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

(19) INDIA

The present invention relates to a device for the location of passive intermodulation faults in a coaxial cable network. The test apparatus (100) according to one embodiment of the present invention utilises a pair of high

power frequency synthesised unmodulated RF carriers (101) and (102) are generated inside the HPA module of the apparatus. The power and frequency of (101) and (102) can be independently set to a range of values are combined inside the instrument and then applied to the input of the device under test (DUT). The PIM signals (107 108 109) generated in the DUT are combined to produce the primary PIM signal (103). The apparatus also includes two receivers (110 111 112 113 114 115) for the detection of 103 and (104). These signals are downconverted to 455 kHz. The two 455 kHz waveforms are digitised with a dual channel A/D converter (116 117) and the amplitude ratio and phase offset between the digitised waveforms are calculated and stored.

No. of Pages : 65 No. of Claims : 30

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MILK BASED PROTEIN HYDROLYSATES AND INFANT FORMULAE AND NUTRITIONAL COMPOSITIONS MADE THEREOF

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	n :A61K38/01,A23J3/34,A23L1/305 :10186222.5 :01/10/2010 :EPO	 (71)Name of Applicant : 1)NESTEC S.A. Address of Applicant :Ave. Nestlà 55 CH 1800 Vevey Switzerland
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/EP2011/067096 :30/09/2011 :WO 2012/042013 :NA :NA	 (72)Name of Inventor : 1)AFFOLTER Michael 2)BUREAU FRANZ Isabelle 3)MAYNARD Françoise 4)MERCENIER Annick 5)PANCHAUD Alexandre

(57) Abstract :

A composition comprising protein hydrolysates derived from milk is obtained by the treatment of enzymes derived from microorganisms. A trypsin like enzyme and a chemotrypsin like enzyme are used. The composition is in particular intended for inducing tolerance in infants with the effect of modulating the potential occurrence of allergies later in life. The composition can also be used in sick adult patients. Preferably the composition is an infant formula infant follow up formula growing up milk or baby food or an enteral complete nutritional composition.

No. of Pages : 36 No. of Claims : 22

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : ABSORBENT ARTICLE HAVING FASTENING MEMBERS WITH INDICIUM

(51) International classification	:A61F13/56,A61F13/62	(71)Name of Applicant :
(31) Priority Document No	:2708725	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:27/07/2010	Address of Applicant :One Procter & Gamble Plaza Cincinnati
(33) Name of priority country	:Canada	Ohio 45202 U.S.A.
(86) International Application No	:PCT/US2011/045133	(72)Name of Inventor :
Filing Date	:25/07/2011	1)DOBRIN George Christopher
(87) International Publication No	:WO 2012/015710	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fastening member a process of making a fastening member and an absorbent article that includes a fastening member are disclosed. The fastening member includes a tape an actual fastener and an indicium in the form of a macro mechanical fastener. The macro mechanical fastener indicium helps a care giver attach the fastening member to a complementary surface.

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

(19) INDIA

(22) Date of filing of Application :13/12/2012

(43) Publication Date : 26/09/2014

(62) Divisional to Application Number :NA Filing Date :NA	(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NA	 (71)Name of Applicant : 1)TOPPER SUN ENERGY TECHNOLOGY CO. LTD. Address of Applicant :NO. 458-9 Sinsing Rd. Hukou Township Hsinchu County 30353 Taiwan R.O.C. (72)Name of Inventor : 1)LUO Chia-Ching
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(54) Title of the invention : PUll Control Apparatus of Solar Tracking Power Generation Mechanism

(57) Abstract :

A pull control apparatus of solar tracking power generation mechanism includes a solar power generation module two-dimensionally movably disposed on a support assembly via a carrier platform. Two link assemblies are disposed between the solar power generation module and the support assembly which intersect each other. Each link assembly is composed of a power source a drive member drivable by the power source and two connection cables. Two drive sections are disposed on each drive member which are synchronously operable. First ends of the two connection cables are respectively connected to the two drive sections in reverse directions. Second ends of the two connection cables are respectively connected to two opposite sections of the carrier platform corresponding to two lateral sides of the support assembly. The connection cables are prevented from slipping on the drive members during rotation.

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

(19) INDIA

(22) Date of filing of Application :21/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : SENSITIVE AND SPECIFIC IMMUNOSENSOR FOR THE VIBRIO CHOLERA DETECTION

 (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) International Publication No (36) International Publication No (37) International Publication No (37) International Publication No (37) International Publication No (37) Name of Inventor : (37) International Publication No (38) International Publication Number (30) Putent of Addition to Application Number (31) Patent of Application Number (32) Priority Date (33) Name of priority Country (34) Address of Applicant :AMITY UNIVERSITY CAMPUS, SECTOR-125, NOIDA-201303, Uttar Pradesh India (72) Name of Inventor : (73) Patent of Addition to Application Number (74) Patent of Addition to Application Number (74) Patent of Addition to Application Number (75) Patent of Addition to Application Number (74) Patent of Addition to Application Number (75) Patent of Addition to Application Number (76) Patent of Addition to Applic	 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA :NA :NA :NA :NA :NA	SECTOR-125, NOIDA-201303, Uttar Pradesh India (72)Name of Inventor : 1)PRATIMA R. SOLANKI
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(57) Abstract :

The present invention relates to a novel capacitive immunosensor based on protein conjugate Ab-Vc coated onto ant-Ti02-RGO/ITO nanohybrid for estimation of Vibrio cholerae. This BSA/Ab-Vc/antTi02-RGO/ITO immunoelectrode offers excellent detection range 10 ng/ml to 450 ng/ml, higher sensitivity of about 21.8 xl0-3 J.IF/ng mr! cm-2 and better regeneration accuracy of about 95%.

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

(19) INDIA

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SUFU RIPENING AGENT AND METHOD FOR QUICKLY PREPARING SUFU BY USING THE SAME

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A23L1/202,A23L1/221 :201010261248.5 :20/08/2010 :China :PCT/CN2011/001235 :27/07/2011 :WO 2012/022112 :NA :NA :NA :NA	 (71)Name of Applicant : 1)DSM IP ASSETS B.V. Address of Applicant :Het Overloon 1 NL 6411 Te Heerlen Netherlands (72)Name of Inventor : 1)WANG Jianming 2)ZHAO Shaohua
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(57) Abstract :

The present invention relates to a method of preparing preserved bean curd characterizing in that at least one protease is added into soybean milk before the mould is inoculated. It further relates to the use of protease in a method of preparing preserved bean curd. The method overcomes the shortcoming of existing technology to provide a quicker ripening production process compared to the traditional method of preserved bean curd.

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

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ESTERS OF HEXANOIC ACIDS AS INTERMEDIATES FOR THE PREPARATION OF ATORVASTATIN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C07D319/06,C07D319/08 :10177138.4 :16/09/2010 :EPO :PCT/EP2011/065706 :12/09/2011 :WO 2012/034958 :NA :NA	 (71)Name of Applicant : 1)DSM SINOCHEM PHARMACEUTICALS NETHERLANDS B.V. Address of Applicant :Alexander Fleminglaan 1 NL 2613 AX Delft Netherlands (72)Name of Inventor : 1)LANGE DE Ben 2)ELSENBERG Henricus Leonardus Marie 3)VAESSEN Henricus Wilhelmus Leonardus Marie
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	· :NA :NA	

(57) Abstract :

The invention relates to compounds of general formula (3) wherein is allyl, 2-butyl, cyclohexyl, 3-methyl-2- butyl or 4-methyl-2-pentyl, a method for the preparation of compounds of general formula (3) and their use in the preparation of atorvastatin.

No. of Pages : 13 No. of Claims : 6

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : ANTIOXIDANT AGENT PROCESS FOR PRODUCTION OF ANTIOXIDANT AGENT AND PROCESS FOR PRODUCING METALLIC MATERIAL

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C23D5/00,C09K15/02,C21D1/70 :2010162159 :16/07/2010 :Japan	 (71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
 (86) International Application No Filing Date (87) International Publication 	:PCT/JP2011/066008 :13/07/2011	Tokyo 1008071 Japan (72)Name of Inventor : 1)SHIMODA Kazuhiro 2)YAMAKAWA Tomio
No (61) Patent of Addition to Application Number Filing Date	:WO 2012/008501 :NA :NA	3)MURAMATSU Koji 4)INOUE Yuji 5)NISHIMORI Junichi 6)HIDAKA Yasuyoshi
(62) Divisional to Application Number Filing Date	:NA :NA	7)MATSUMOTO Keishi 8)KATO Takahisa 9)AKIYAMA Shuichi

(57) Abstract :

Provided is an antioxidant agent which can prevent the formation of scale on the surface of a heated metallic material more effectively compared with conventional antioxidant agents. This antioxidant agent comprises multiple glass frits having different softening points and an inorganic compound having a melting point of 600 C or lower. The inorganic compound can be softened mostly in a low temperature range around 600 C. The multiple glass frits can be softened mostly in a temperature range from 600 to 1300 C. Therefore, the antioxidant agent can cover the surface of a metallic material in a broad temperature range and can prevent the oxidization of the surface of the metallic material and thereby prevent the formation of scale on the surface.

No. of Pages : 65 No. of Claims : 11

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : MANAGEMENT OF FUNGAL DETERIORATION OF STORED MEDICINAL PLANT PRODUCTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:NA :NA	 (71)Name of Applicant : 1)FOREST RESEARCH INSTITUTE Address of Applicant :FOREST RESEARCH INSTITUTE, P.O. NEW FOREST DEHRADUN-248 006, UTTARKHAND, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)HARSH N.S.K
(61) Patent of Addition to Application Number	:NA	2)THAPLIYAL, VAISHALI
Filing Date	:NA	3)KATHAIT, SHAILJA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for the management of fungal deterioration of stored medicinal plant is provided in the present invention which utilizes the volatile effect of essential oils in controlling the fungi in storage.

No. of Pages : 33 No. of Claims : 5

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : UNINTERRUPTED TRANSPORTATION TO DELIVER BULKY GOODS

(51) International classification(31) Priority Document No(32) Priority Date	:NA :NA	 (71)Name of Applicant : 1)Susilo Dwijantoro Address of Applicant : Apartemen Taman Rasuna U 09-05-G
(33) Name of priority country(86) International Application No		RT/RW.006/010 Menteng Atas Setiabudi Jakarta Selatan Indonesia
Filing Date	:NA	2)Ramaditya Marendra Djan
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Susilo Dwijantoro
Filing Date	:NA	2)Ramaditya Marendra Djan
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an uninterrupted transportation using rail as the path. Specifically formed an uninterrupted transportation system adopted conveyor to deliver bulky goods using a number of carriages interconnected into a series driven by a locomotive on rail. The system covers a locomotive (1) runs on rail (19) as primary driver driven by primary motor (10) which is assisted by auxiliray motor (15 16); a pair of rail (19) located on pad (21) as the path of said train the path formed endless path; a number of carriages (2) to deliver bulky goods from loading station to unloading station interconnected each other and connected on the locomotive (1); a number of pads (21) to fix rail provided on a basement (20) as foundation for the rail (19); an integrated controlling device to control whole existing system which is controlled by a computer device with predetermined set-up;...

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

(22) Date of filing of Application :24/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : TRACKING AND MAINTAINING AFFINITY OF MACHINES MIGRATING ACROSS HOSTS OR **CLOUDS**

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:NA :NA :NA :NA	 (71)Name of Applicant : 1)UNISYS CORPORATION Address of Applicant :C/O PATENT & TECHNOLOGY LAW GROUP MS/2NW 801 LAKEVIEW DRIVE, SUITE 100, BLUE BELL, PA 19422, UNITED STATES OF AMERICA
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor : 1)RAMYA MALANGI CHIKKALINGAIAH
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Affinities between hosts in a virtualized environment may be monitored, such as by analyzing application interactions and network communications. Hosts that are determined to have dependencies on each other may be migrated together to improve performance of the hosts, such as by reducing network traffic. A method for migrating hosts may include determining an affinity between a plurality of hosts on a plurality of servers, identifying a host from the plurality of hosts for migration from a first server of the plurality of servers to a second server of the plurality of servers, and migrating the host from the first server to the second server. The servers may be part of different interconnected clouds.

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

(19) INDIA

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SCROLL TY	PE FLUID MACHINE	
 (54) International classification (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		 (71)Name of Applicant : 1)SANDEN CORPORATION Address of Applicant :20 Kotobuki cho Isesaki shi Gunma 3728502 Japan (72)Name of Inventor : 1)HIRAWATARI Sueji 2)IJIRI Makoto 3)KUDO Takayuki

(57) Abstract :

A scroll-type fluid machine in which: a fixed scroll and a moveable scroll are disposed in a housing; a fluid pocket, the volume of which varies, is formed between the fixed scroll and the moveable scroll; and a thrust plate for receiving the reaction force in the axial direction of pressure applied within the fluid pocket is disposed between the bottom plate of the moveable scroll and the housing. The scroll-type fluid machine is characterized in that at least the surface of the thrust plate facing the bottom plate of the moveable scroll is subjected to tin plating. As a consequence, it is possible to efficiently produce, at a low cost, a thrust bearing which is disposed between the bottom plate of the moveable scroll and the housing, exerts excellent seizure resistance, and has a high PV limit level and a low friction coefficient.

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

(19) INDIA

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

(51) International classification	:H03D7/16	(71)Name of Applicant :
(31) Priority Document No	:12/847951	1)SENSUS USA INC.
(32) Priority Date	:30/07/2010	Address of Applicant :8601 Six Forks Road Suite 700 Raleigh
(33) Name of priority country	:U.S.A.	NC 27615 U.S.A.
(86) International Application No	:PCT/US2011/034974	(72)Name of Inventor :
Filing Date	:03/05/2011	1)ROUQUETTE Robert E.
(87) International Publication No	:WO 2012/015509	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : GFSK RECEIVER ARCHITECTURE AND METHODOLOGY

(57) Abstract :

A Gaussian Frequency Shift Key (GFSK) receiver includes a receiver front end to receive a GFSK modulated signal and convert the received GFSK modulated signal to a baseband frequency modulated signal a channel filter to reduce channel interference which is adjacent to a desired channel of the baseband frequency modulated signal a demodulator to demodulate the channel filtered baseband modulated signal and to recover a sequence of symbols a digital filter to reduce inter symbol interference (ISI) from the sequence of symbols a sheer to produce symbol decisions based on the filtered sequence of symbols and a symbol to bit mapper to map the symbol decisions to data bits.

No. of Pages : 43 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :21/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : AN ELECTRICAL SWITCH ASSEMBLY COMPRISING A COVER ELEMENT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA	 (71)Name of Applicant : 1)NOVAR ED&S LIMITED Address of Applicant :Honeywell House Arlington Business Park Bracknell Berkshire RG12 1EB U.K.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date (87) International Publication No	:NA : NA	1)RANJITH BK 2)RAVINDER VERMA
(61) Patent of Addition to Application Number	:NA	3)VARUN MEHTA
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

An electric switch assembly (1) comprising a rocker (13) actuatable to a pivoted configuration to throw the switch, and a cover element (21) arranged to cover the rocker (13), the cover element (21) being pivotably moveable such that the rocker (13) may be actuated through the cover element (21), 10 characterised in that the cover element (21) is resiliently biased towards an unpivoted configuration in which it presents a level surface (23a) above the rocker (13).

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

(19) INDIA

(22) Date of filing of Application :24/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : THIN FILM TRANSISTOR WITH A CURRENT-INDUCED 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 	:NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR Address of Applicant :Kanpur Uttar Pradesh 208016 India (72)Name of Inventor : 1)Baquer MAZHARI 2)Ankita GANGWAR
 (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 thin film transistor (TFT) includes a hole transport layer having a first side and a second side and an electron transport layer having a first side and a second side. The first side of the electron transport layer is directly interfaced to the second side of the hole transport layer. The electron transport layer includes a material having greater ionization potential and greater electron affinity than the hole transport layer thereby forming a hole barrier and an electron barrier at the junction between the electron transport layer and the hole transport layer. A channel in the TFT is created by current injected into the electron transport layer from a gate electrode rather than by an electrostatic field generated by voltage applied to the gate electrode.

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

(19) INDIA

(22) Date of filing of Application :24/12/2012

(54) Title of the invention : HEAD KNEADING MAG	CHINE	
(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MOHD HANIEF
(32) Priority Date	:NA	Address of Applicant :MECHANICAL ENGINEERING
(33) Name of priority country	:NA	DEPARTMENT NATIONAL INSTITUTE OF TECHNOLOGY
(86) International Application No	:NA	(N.I.T), SRINAGAR, KASHMIR-190006 Jammu & Kashmir
Filing Date	:NA	India
(87) International Publication No	: NA	2)M. SHAFI CHAROO
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MOHD HANIEF
(62) Divisional to Application Number	:NA	2)M. SHAFI CHAROO
Filing Date	:NA	

(57) Abstract :

The machine consists of a head band (bladder having five chambers), a set of five tubes which connects the chambers of the head band with an air compressor through a manually operated valve. The air coming from the air compressor inflates the head band thus pushing the inner walls of the head band against the human head causing the kneading effect. By operating the valve the head band can be deflated and inflated alternately. Therefore head band can be inflated and deflated by operating the valve giving a desired kneading effect.

No. of Pages : 7 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR THE CORROSION INHIBITING COATING OF METAL SURFACES USING PHOSPHOROUS CONTAINING POLYESTER

(51) International classification	:C09D5/00	(71)Name of Applicant :
(31) Priority Document No	:10 2010 032 787.5	1)BASF COATINGS GMBH
(32) Priority Date	:29/07/2010	Address of Applicant :Glasuritstrasse 1 48165 MÃ ¹ /4nster
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/062480	(72)Name of Inventor :
Filing Date	:20/07/2011	1)BAUTISTA MESTER Rafael
(87) International Publication No	:WO 2012/013560	2)STEFFENS Alexandra
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

The invention relates to a method for the corrosion-inhibiting coating of metal surfaces, which in a first step involves cleaning the metal surface and 5 optionally treating it with a pretreatment composition and in a second step involves coating the metal surface cleaned and optionally pretreated in step (Iw)i th a primer (P) which comprises at least one binder (BM) and at least one crosslinking agent (V), and also at least one phosphorus-containing polyester component (A), (A) being an acidic esterification product of 10 phosphonic acid, of monophosphoric acid andlor of polyphosphoric acid,) andlor of the anhydrides thereof andlor of the esters thereof, with at least one polyester (B) which contains at least two hydroxyl groups.

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

(19) INDIA

(22) Date of filing of Application :21/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : KIT FOR DEMONSTRATING PROTEIN-PROTEIN INTERACTION IN CYTOPLASM OF PLANTS (51) International classification :C12P (71)Name of Applicant : (31) Priority Document No **1)AMITY UNIVERSITY** :NA (32) Priority Date Address of Applicant : AMITY UNIVERSITY CAMPUS. :NA (33) Name of priority country SECTOR-125, NOIDA-201303, Uttar Pradesh India :NA (72)Name of Inventor : (86) International Application No :NA Filing Date :NA **1)DR. V. BHUVANESHWAR** (87) International Publication No : NA 2)P.K. PAUL (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 economical and efficient kit for determining protein-protein interactions in plants by in vivo crosslinking of plant tissue using vacuum infiltration and chemical cross-linker to arrest the interacting proteins. The cytoplasmic interacting proteins are analyzed by comparing the protein profile using Sodium Dodecyl Sulphate- Polyacrylamide gel electrophoresis followed by Coomassie brilliant blue staining. The differences in the protein pattern demonstrate the interacting proteins in cytoplasm of plants due to the transduction of signals and other metabolic alterations

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

(19) INDIA

(22) Date of filing of Application :21/12/2012

(54) Title of the invention : A MICROENCAPSULATION OF CITRONELLA OIL FOR SLOW RELEASE INSECT REPLLANT FORMULATION

(57) Abstract :

The present invention relates to a natural citronella oil based insect repellent formulation and a method of preparation thereof .The active slow release formulation comprising the natural citronella oil encapsulated in the liposphere solid vehicle which is coated with natural hydrophilic polymer. The formulation shows better stability, less skin penetration and skin availability in different environmental conditions.

No. of Pages : 15 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION (19) INDIA		(21) Application No.3963/DEL/2012 A
(22) Date of filing of Application :21/12/2012		(43) Publication Date : 26/09/2014
(22) Date of fining of Application .21/12/2012		(43) Fublication Date . 20/09/2014
(54) Title of the invention : DEVELOPMENT OF NATUR CHOLINESTERASE INHIBITORY ACTIVITY	RAL PES	TICIDES FROM PLANTS WITH ACETYL
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:NA :NA :NA :NA	 (71)Name of Applicant : 1)AMITY UNIVERSITY Address of Applicant :AMITY UNIVERSITY CAMPUS, SECTOR-125, NOIDA-201303, Uttar Pradesh India (72)Name of Inventor :
Filing Date (87) International Publication No	:NA : NA	1)TANU JINDAL 2)ANUJ RANJAN
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	: NA :NA :NA :NA	<i>2)</i> AINUJ KAINJAIN

(57) Abstract :

Filing Date

The present invention relates to pesticides composition. The synergetic natural composition obtained from various plant extracts have acetylcholinesterase inhibitory and work as good natural pesticides. The natural pesticides composition comprising Calotropis procera, Lantana camara and Ricinus communis can be used against various pests like maize weevil. The use of natural pesticides serves various advantages like they are eco-friendly in nature, less toxic, biodegradable and safe for mankind and environment.

:NA

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

(22) Date of filing of Application :26/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : A METHOD FOR WEB BREAK PREVENTION IN A ROTARY PRESS AND EQUIPMENTS USED FOR THE SAME

 (71)Name of Applicant : (71)Name of Applicant : (71)BENNETT, COLEMAN & CO. LTD. Address of Applicant :7, BAHADURSHAH ZAFAR MARG, A NEW DELHI-110001, INDIA (72)Name of Inventor : (72)Name of Inventor : (72)SUMIT SINGH A
A A

(57) Abstract :

The present invention relates to a method of operating a rotary press, and more particularly to a method of operating a rotary press in the event of a power failure so as to prevent web breakage and equipments used for the same. The method characterized in that an uninterrupted energy source is provided for selected components to prevent breakage of the web travelling in the press.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING MOBILITY WITH A SPLIT HOME AGENT ARCHITECTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L29/06 :61/366314 :21/07/2010 :U.S.A. :PCT/IB2011/052748 :23/06/2011 :WO 2012/010994 :NA :NA :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor : 1)HADDAD Wassim
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(57) Abstract :

A method implemented by a network element functioning as a home agent (HA) for a mobile node (MN) communicating with a corresponding node (CN) using Mobile Internet Protocol version 6 (MIPv6) the method including selecting by the HA a virtual home agent (VHA) in the network to provide home agent services to the MN with a better quality of service than the HA sending a flow switch request (FSR) message to the selected VHA the FSR message including a home keygen token an address of the CN and a care of address of the MN the FSR message to cause the selected VHA to direct the CN to send data traffic for the MN to the selected VHA instead of the HA and receiving a flow switch acknowledgement (FSA) message from the VHA indicating that the selected VHA has successfully redirected the data traffic from the CN to the MN.

No. of Pages : 31 No. of Claims : 13

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : MULTI-MODE PORTABLE LIGHTING DEVICE (51) International classification :H02J (71)Name of Applicant : 1)ADITYA PRAKASH (31) Priority Document No :NA Address of Applicant :A-77 FIRST FLOOR MALVIYA (32) Priority Date :NA (33) Name of priority country NAGAR, NEW DELHI 110017 India :NA **2)AMIT BERIYA** (86) International Application No :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA **1)ADITYA PRAKASH** (61) Patent of Addition to Application Number :NA **2)AMIT BERIYA** Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to a multi-mode lighting device which includes a main body, having the battery and circuit placement, to which a housing having plurality of light emitters being power selectively is coupled, wherein the said lighting device can be used in multiple modes or applications by very simply changing the coupling orientation of the light emitting housing to the main body. The said main body is comfortable and stable in various modes of use by virtue of the cross-section modification along its axial length and placements of batteries and electrical circuit inside the said main body to balance the weight in appropriate manner.

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

(19) INDIA

(22) Date of filing of Application :21/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : NANOCLAD PIPE WELD REPAIR, SYSTEMS AND METHODS :B27N (71)Name of Applicant : (51) International classification 1)FLUOR TECHNOLOGIES CORPORATION (31) Priority Document No :NA (32) Priority Date :NA Address of Applicant :3 POLARIS WAY, ALISO VIEJO, CA 92628, UNITED STATES OF AMERICA (33) Name of priority country :NA (86) International Application No (72)Name of Inventor: :NA Filing Date :NA **1)PRIETO, ROBERT** (87) International Publication No : NA 2)RAJAGOPALAN, LAKSHMANAN (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

An in situ apparatus, system, and method for cladding or repairing cladding in installed pipelines are presented. The apparatus can include a coating collar, a material reservoir, a cladding head, an adjustable cladding chamber, and a chamber controller. The coating collar can include an external surface, a first circumferential wall, and a second circumferential wall and forms the adjustable cladding chamber along with interior wall of the pipe. The coating collar can have an aperture to include and allow deployment of the cladding head through it. The cladding head can be operatively coupled with the cladding material reservoir to allow efficient deployment of the cladding material on the pipe surface. The chamber controller can be coupled with the adjustable cladding chamber to control dimensions of the chamber thus restricting and controlling the environment and enabling efficient functioning of the cladding head and limiting grain growth in applied nanoclad materials.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND APPARATUS TO PROVIDE PROACTIVE REALTIME FEEDBACK BASED ON ANALYTICS COLLECTED THROUGH DEVICES HELD BY STUDENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04N :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)DAMNISH KUMAR Address of Applicant :A-89, SEC-63, NOIDA, UP. 201301 India 2)VISHAL GUPTA 3)PUNEET MATHUR 4)RAJEEV GUPTA 5)TUSHAR VOHRA (72)Name of Inventor : 1)DAMNISH KUMAR 2)VISHAL GUPTA 3)PUNEET MATHUR 4)RAJEEV GUPTA 5)TUSHAR VOHRA
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(57) Abstract :

The present invention is method and apparatus to provide feedback to assist learning based on data captured from mobile and portable PCs. Such method comprises of receiving data via a controller of the mobile terminal, a packet including keyed and handwritten input and pressure information regarding the input; receiving data related to time spent on each section of the screen, via the controller; receiving geo-location from the device, via the GPS; receiving pressure information, stretching of screen, time spent on the screen, scrolling of the screen; and analyzing such data and information to provide information to teachers and feedback to students on several pre-defined parameters. The mobile device user continuously move from one screen to the other with a slide or tap on the device.

No. of Pages : 16 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

(51) International classification	:A61K51/08	(71)Name of Applicant :
(31) Priority Document No	:1013808.9	1)GE HEALTHCARE LIMITED
(32) Priority Date	:18/08/2010	Address of Applicant : Amersham Place Little Chalfont Little
(33) Name of priority country	:U.K.	Chalfont Buckinghamshire HP7 9NA U.K.
(86) International Application No	:PCT/EP2011/063890	(72)Name of Inventor :
Filing Date	:11/08/2011	1)IVESON Peter Brian
(87) International Publication No	:WO 2012/022676	2)BHALLA Rajiv
(61) Patent of Addition to Application	:NA	3)INDREVOLL Bard
Number		4)GETVOLDSEN Gareth
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : PEPTIDE RADIOTRACER COMPOSITIONS

(57) Abstract :

The present invention relates to imaging agent compositions comprising radiolabelled c Met binding peptides suitable for positron emission tomography (PET) imaging in vivo. The c Met binding peptides are labelled with the radioisotope F. Also disclosed are pharmaceutical compositions methods of preparation of the agents and compositions plus methods of in vivo imaging using the compositions especially for use in the management of cancer.

No. of Pages : 48 No. of Claims : 19

(19) INDIA

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

(43) Publication Date : 26/09/2014

(57) Abstract :

A housing (10) defining a duct (11) for fluid flow contains a cylinder arrangement (18 20) mounted in or at an outlet end of the duct. An input piston (30) is exposed to the fluid flow through the duct and an obturator member (21) is mounted in the duct (11) and arranged to periodically close the duct downstream of the input piston (30) such that the body of fluid flowing through the duct applies an increased pressure to the input piston. Resulting movement of the input piston can be used to directly provide mechanical power generate electricity or provide compression of a volatile fluid which when ignited provides thrust through rapid exit of combustion products.

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

(19) INDIA

(22) Date of filing of Application :06/12/2012

(54) Title of the invention : RECHARGEABLE BATTERY POWDRED UTILITY PUMP WITH SERIES CENTRIFUGAL PUMP CONFIGURATION

(51) International classification	:F04D29/42,	(71)Name of Applicant :
(31) Priority Document No	:NA	1)FLOW CONTROL LLC.
(32) Priority Date	:NA	Address of Applicant :1 KONDELIN ROAD,
(33) Name of priority country	:NA	GLOUCESTER, MASSACHUSETTS 01930, UNITED STATES
(86) International Application No	:NA	OF AMERICA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MEZA, HUMBERTO V.
(61) Patent of Addition to Application Number	:NA	2)MOORMANN, RANDALL H.
Filing Date	:NA	3)INGERSOLL, MARK F.
(62) Divisional to Application Number	:NA	4)SCHOPPERLE, JEFFREY B.
Filing Date	:NA	5)KENNEY, JOEL A.

(57) Abstract :

A utility pump is provided featuring a housing and battery configuration, where the housing is configured with a series configuration of integral pumps, and also configured with a battery receiving portion having electrical terminals for receiving power for providing to the series configuration of the integral pumps, and where the battery has a protruding portion with corresponding electrical terminals configured to contact the electrical terminals to provide power to the series configuration of the integral pumps when the protruding portion of the battery is inserted into the battery receiving portion of the housing and rotated in one direction to an ON position, and also configured not to contact the electrical terminals when the battery is not rotated to the ON position.

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

(19) INDIA

(22) Date of filing of Application :06/12/2012

 (71)Name of Applicant : 1)ARVIND KUMAR NIRALA Address of Applicant :VILLAGE POST ANOPPURA, BIA-KALA DERA, DT: JAIPUR, RAJASTHAN-303801, India (72)Name of Inventor : 1)ARVIND KUMAR NIRALA

(57) Abstract :

The present invention relates to a security system for a vehicle, comprising three mobile motherboards, plurality of micro switches coupled to the motherboards that controls the ignition and power supply of a fuel pump and a battery. The security system is operational under certain conditions, in the first condition, the user of the vehicle is automatically informed and alerted about an unauthorized user during an emergency once a micro switch connected to Key 8 is pressed; in the second condition, the system is operational by a password provided by the user to generate a command, identify at least one ring to determine the mode of the system and further connect to the police station to locate the position of the vehicle with the help of a Key 5.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NITIN PANDEY
(32) Priority Date	:NA	Address of Applicant :Ground Floor Indo Asia Towers Plot
(33) Name of priority country	:NA	No. 56 Sector 44 Gurgaon 122002 Haryana India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NITIN PANDEY
(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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(54) Title of the invention : A Method and System for Providing Multithreaded Communication

(57) Abstract :

The present disclosure provides a system and method multithreaded communication. A user operating at a client device communicates a request for searching a particular keyword(s) to another user. Said communicating user in response performs a search at his/her client device. Further the chat server is specifically configured to simultaneously and in parallel present said search process in progress and results so produced in real time at the client device of said requesting user.

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

(19) INDIA

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR TWO DIMENSIONAL PRINTING ON A THREE DIMENSIONAL PRINTING 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 	:B44C5/04 :8842010 :19/08/2010 :Chile :PCT/CL2011/000047 :18/08/2011 :WO 2012/022006 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BIENZOBĂ S SAFFIE Fernando AndrÃs Address of Applicant :Chucre Manzur GalpÃ³n 7 Providencia 7520289 Santiago Chile (72)Name of Inventor : 1)BIENZOBĂ S SAFFIE Fernando AndrÃs
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(57) Abstract :

The invention relates to a 2D printing method on a 3D printing support consisting of forming a printing support comprised of a plurality of colored fibers that follow a printing pattern which once joined and shaped into a block can be transversally cut thereby obtaining printed sheets according to said printing pattern. The invention further relates to the printing support comprised of a block (1) wherein in one embodiment same is composed of a plurality of hollow tubes (2) having a cavity that can be filled with a coloring means and in another embodiment same is composed of solid tubes. After the coloring means hardens and the block (1) solidifies the latter can be transversally cut parallel to the printing face (4) into a plurality of strips (5) that will depend on the required volume of advertising signs posters or banners among others.

No. of Pages : 42 No. of Claims : 55

(19) INDIA

(22) Date of filing of Application :03/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : METAMATERIAL STRUCTURES FOR Q-SWITCHING IN LASERS

 (51) International classification (31) Priority Document No (32) Priority Date (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)INDIAN INSTITUTE OF TECHNOLOGY KANPUR Address of Applicant :Kanpur Uttar Pradesh 208016 INDIA (72)Name of Inventor : 1)Govind Dayal SINGH 2)Ramakrishna SUBRAMANIAM ANANTHA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Techniques described herein are generally related to metamaterial structures for Q-switching in laser systems. The various described techniques may be applied to methods systems devices or combinations thereof. Some described metamaterial structures may include a substrate and a first conductive layer disposed on a first surface of the substrate. A dielectric layer may be disposed on a first surface of the first conductive layer and a second conductive layer having a substantially symmetric geometric shape may be disposed on a first surface of the dielectric layer. The second conductive layer may cover a portion of the first surface of the dielectric layer.

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

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : ORAL GEL FOR SENSITIVITY AND TOOTH PAIN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:A61K9/00, :NA :NA :NA :NA :NA : NA :NA	 (71)Name of Applicant : 1)COLGATE-PALMOLIVE COMPANY Address of Applicant :300 PARK AVENUE, NEW YORK, NEW YORK 10022, UNITED STATES OF AMERICA (72)Name of Inventor : 1)POTNIS SHASHANK 2)SUBRAMANYAM RAVI 3)NAIR RAJITHA
(61) Fatch of Addition to Application Number(62) Divisional to Application NumberFiling Date	:NA :NA :NA	

(57) Abstract :

Disclosed herein are orally acceptable topical analgesic gels comprising a mixture of analgesic oils comprising (a) clove oil and/or eugenol, (b) a cooling agent, and (c) camphor; in an orally acceptable gel base, the gel base comprising an anionic polymer and a basic amino acid, and the analgesic gel providing controlled release of the mixture of analgesic oils following application to a tooth; together with methods of making and using the same.

No. of Pages : 23 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : ORAL GEL FOR RELIEF OF TOOTH PAIN			
(51) International classification	:A61K9/00.	(71)Name of Applicant :	
(31) Priority Document No	:NA	1)COLGATE-PALMOLIVE COMPANY	
(32) Priority Date	:NA	Address of Applicant :300 PARK AVENUE, NEW YORK,	
(33) Name of priority country	:NA	NEW YORK, 10022, UNITED STATES OF AMERICA	
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA	1)POTNIS SHASHANK	
(87) International Publication No	: NA	2)SUBRAMANYAM RAVI	
(61) Patent of Addition to Application Number	:NA	3)NAIR RAJITHA	
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

Disclosed herein are orally acceptable topical analgesic gels comprising a mixture of analgesic oils comprising (a) clove oil and/or eugenol, (b) a cooling agent, and (c) camphor; in an orally acceptable gel base, the gel base providing controlled release of the mixture of analgesic oils following application to a tooth; together with methods of making and using the same.

No. of Pages : 18 No. of Claims : 20

(22) Date of filing of Application :31/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : A RAPID AND COST EFFECTIVE PROCESS FOR ASSESSMENT OF GENETIC PURITY IN HYBRIDS OF PEARL MILLET

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHAUDHARY CHARAN SINGH HARYANA
(32) Priority Date	:NA	AGRICULTURAL UNIVERSITY
(33) Name of priority country	:NA	Address of Applicant : CHAUDHARY CHARAN SINGH
(86) International Application No	:NA	HARYANA AGRICULTURAL UNIVERSITY HISAR-125004
Filing Date	:NA	HARYANA, INDIA
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)NEELAM RANI YADAV
Filing Date	:NA	2)SANDEEP YADAV
(62) Divisional to Application Number	:NA	3)RAM CHANDER YADAV
Filing Date	:NA	4)HARI PRAKASH YADAV

(57) Abstract :

The present disclosure relates to a process for identifying genotypes of pearl millet; said method comprising the following steps: i)Providing pearl millet leaf samples; ii) extracting genomic DNA from said samplefollowed by purification; and ii) subjecting the purified genomic DNA to polymerase chain reaction with primers selected from the group consisting of OPB-1, OPB-2, OPB-3, OPB-4, OPB-5, OPB-6, OPB-7, OPB-8, OPB-9, OPB-10, OPB-11, OPB-12, OPB-13, OPB-14, OPB-15, OPB-16, OPB-17, OPB-18, OPB-19, OPB-20, OPC-1, OPC-2, OPC-3, OPC-4, OPC-5, OPC-6, OPC-7, OPC-8, OPC-9, OPC-10, OPC-11, OPC-12, OPC-13, OPC-14 and OPC-15 to obtain amplified DNA followed by gel electrophoresis and identifying the genotypes of pearl millet. 19

No. of Pages : 21 No. of Claims : 11

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR OPTIMIZING PARAMETERS OF ORTHOPAEDIC PROCEDURES

(51) International classification	n:A61F2/46,A61B5/107,G06F17/50	(71)Name of Applicant :
(31) Priority Document No	:61/373646	1)SMITH & NEPHEW INC.
(32) Priority Date	:13/08/2010	Address of Applicant :7135 Goodlett Farms Parkway Cordova
(33) Name of priority country	:U.S.A.	TN 38016 U.S.A.
(86) International Application	:PCT/US2011/047784	(72)Name of Inventor :
No	:15/08/2011	1)MC KINNON Brian W.
Filing Date	.13/08/2011	2)MARINESCU TANASOCA Ruxandra Cristiana
(87) International Publication	:WO 2012/021895	3)WINEBARGER Randy
No	. WO 2012/021893	4)BOWERS William L.
(61) Patent of Addition to	:NA	5)WIEBE James B.
Application Number	:NA :NA	6)LENZ Nathaniel M.
Filing Date	.NA	7)WILKINSON Zachary C.
(62) Divisional to Application	:NA	8)HADDOCK Sean M.
Number	:NA :NA	9)LANDON Ryan L.
Filing Date	.11/2	

(57) Abstract :

Systems and methods for optimizing parameters of an orthopaedic procedure for a particular patient including parameters relating to the anatomic and biomechanic fit of an implant or implant system implanted into the patient s joint. These systems and methods may utilize patient specific information gathered pre operatively in conjunction with optimization algorithms to determine an optimal implant design and an optimal position and orientation for implantation of the implant into the particular patient s joint.

No. of Pages : 63 No. of Claims : 17

(22) Date of filing of Application :31/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : A NOVEL SOLAR ENERGY BASED DC(DIRECT CURRENT) MICRO-GRID SYSTEM FOR POWER GENERATION AND POWER SUPPLY AND METHOD FOR WORKING OF SAME

(51) International classification	:H02J3/32,	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THE ENERGY AND RESOURCES INSTITUTE (TERI)
(32) Priority Date	:NA	Address of Applicant :DARBARI SETH BLOCK, IHC
(33) Name of priority country	:NA	COMPLEX, LODI ROAD, NEW DELHI-110003 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. JITENDRA TIWARI
(87) International Publication No	: NA	2)MR. IH REHMAN
(61) Patent of Addition to Application Number	:NA	3)MS. MANJUSHREE BANERJEE
Filing Date	:NA	4)MS. PARIMITA MOHANTY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates generally to the field of power generation systems and the optimum power distribution mechanisms for small target sites at a micro level and is in particular directed towards novel solar energy based de micro-grid system for power generation and power supply for a small cluster size within, a specified distance. The inventive concept involves a centralized power generation (solar panels) and storage (battery) system and provision of DC current to surrounding householdsJ commercial entities (small shops) with installed LED (light-emitting diode) luminaries during a fixed time. Solar powered micro-grids are modular in nature and can be tailored to suit local demand.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA	(21) Application No.3986/DEL/2012 A
(22) Date of filing of Application :21/12/2012	(43) Publication Date : 26/09/2014
(54) Title of the invention : RETAIL CART	
(31) Priority Document No11(32) Priority Date11(33) Name of priority country11(86) International Application No11Filing Date11(87) International Publication No11(61) Patent of Addition to Application Number11Filing Date11(62) Divisional to Application Number11	 (47J) (71)Name of Applicant : (1)SHARMA Pradeep Kumar Address of Applicant :VARIOUS INNOVATIVE SYSTEMS HYBRID NANO UTILITIES 450 HMT Industrial Estate Phase - 1 Panchkula (Haryana) Chandigarh - 134115 INDIA (72)Name of Inventor : (1)SHARMA Pradeep Kumar (2)KAUSHIK Abhishek (72)Name of Inventor : (72)Name of Inventor : (74) (72)Name of Inventor : (74) (72)Name of Inventor : (75) (74) (74) (74) (74) (74) (74) (74) (74

(57) Abstract :

The invention relates to a hybrid solar powered retail cart for delivery or selling of various products. The cart comprises a storage unit along with an ambience control unit to maintain the storage unit at desired temperatures, a solar panel on the top of the cart, a fuel engine in the cart, and at least one electric battery to drive the cart, wherein the electric battery can be charged by one or both of the solar panel and the fuel engine.

No. of Pages : 19 No. of Claims : 16

(22) Date of filing of Application :24/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND SYSTEM FOR FINGERLINE (PHALANGE) MAPPING TO AN INPUT DEVICE OF A COMPUTING DEVICE

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)UNISYS CORPORATION
(32) Priority Date	:NA	Address of Applicant :C/O PATENT & TECHNOLOGY
(33) Name of priority country	:NA	LAW GROUP MS/2NW, 801 LAKEVIEW DRIVE, SUITE 100,
(86) International Application No	:NA	BLUE BELL, PA 19422, UNITED STATES OF AMERICA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KENNETH ROHIT D'SOUZA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

A method and system for mapping characters of an input device of a computing device to fingerline positions of a user. The method includes embedding at least one character corresponding to the input device of the computing device to a fingerline position. The method also includes registering a character corresponding to the input device of the computing device using a designated registration fingerline position, wherein the designated registration fingerline position does not have any characters embedded thereto.

No. of Pages : 20 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :24/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROTOCOL FOR BIOMETRIC DEVICE CAPTURE AND QUALITY ANALYSIS

(31) Priority Document No:N(32) Priority Date:N(33) Name of priority country:N(86) International Application No:NFiling Date:N(87) International Publication No:1(61) Patent of Addition to Application Number:NFiling Date:N	NA NA NA NA	 (71)Name of Applicant : 1)UNISYS CORPORATION Address of Applicant :C/O PATENT & TECHNOLOGY LAW GROUP MS/2NW, 801 LAKEVIEW DRIVE, SUITE 100, BLUE BELL, PA 19422, UNITED STATES OF AMERICA (72)Name of Inventor : 1)SUBHASH JOSE
6	NA NA	
• •	NA	

(57) Abstract :

Systems and methods are disclosed herein to a computer-implemented method for communicating with peripheral devices comprising loading, by a computer, a configuration file specifying supported peripheral devices and defining commands for each supported peripheral device; receiving, by a computer, a selection of one of the supported peripheral devices from a list of peripheral devices presented in an interface; calling, by a computer, a device handler for the selected peripheral device; invoking, by a computer, protocols for the selected peripheral device that are specified by the device handler corresponding to the selected peripheral device; and sending, by a computer, commands entered through the interface to the selected peripheral device using the invoked protocols of the device handler corresponding to the selected peripheral device.

No. of Pages : 26 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :06/10/2000

(43) Publication Date : 26/09/2014

(54) Title of the invention : A NOVEL SOLID BIOSENSOR AND A PROCESS FOR PRODUCING 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 	:C12N 1/34 :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)DEPARTMENT OF SCIENCE AND TEHNOLOGY Address of Applicant :TECHNOLOGY BHAVAN, NEW MEHRAULI ROAD, NEW DELHI 110 016, INDIA (72)Name of Inventor : 1)PREM CHANDRA PANDEY
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(57) Abstract :

A solid state acetylcholine sensor electrode which comprises a metal electrode with a neutral conducting polymer in neutral/undoped state and acetyl choline enzyme which is immobilized between P3CHTh and an organically modified sol gel glass [precursors 3-aminopropyl triethoxy silane and 2-(3,4-epoxy cycio hexyl)-ethyl tri methoxy silane] and if desired, an insulating protective outet covering in such a manner so as to allow fluid contact with the resultant electrode.

No. of Pages : 23 No. of Claims : 48

(19) INDIA

(22) Date of filing of Application :24/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : A Method Of Determining Density Of 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 (61) Patent of Addition to Application Number Filing Date 		A Fluid (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)MAY Andrzej Michal 2)GORAVAR Shivappa Ningappa 3)KOMMAREDDY Vamshi Krishna Reddy 4)T. S. Vignesh
(61) Patent of Addition to Application Number	:NA	3)KOMMAREDDY Vamshi Krishna Reddy

(57) Abstract :

A method for determining density of a fluid is disclosed. The method includes receiving parameters including temperature of the fluid and bulk modulus of the fluid. The method further includes receiving time of flight of an ultrasonic wave in the fluid as provided by an ultrasonic density measurement system. Based on the above parameters i.e. temperature of fluid bulk modulus of fluid and time of flight of ultrasonic wave in the fluid the method includes the step of calculating a value of density with an accuracy that corresponds to an error range of less than about 0.5%. The method additionally includes the step of providing the value of density as calculated.

No. of Pages : 28 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :05/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : POLYSACCHARIDES BASED MUCOSAL VACCINES

(51) International classification	:C12P	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Department of Biotechnology
(32) Priority Date	:NA	Address of Applicant :Block-2 6-8th floor C.G.O. Complex
(33) Name of priority country	:NA	Lodi Road New Delhi-110003 INDIA
(86) International Application No	:NA	2)ISF College of Pharmacy
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Amit Kumar Goyal
(61) Patent of Addition to Application Number	:NA	2)Goutam Rath
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides polysaccharide based vaccine compositions and methods of preparing thereof. More specifically the present invention provides mucosal vaccine formulations which are developed utilizing naturally occurring polysaccharides. The vaccine compositions of the present invention are stable and retain the conformational stability of protein antigen during formulation and storage.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : A SENSOR ASSEMBLY FOR SENSING PARAMETERS OF A FLUID

(51) International classification	:A63B53/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:NA	NEW YORK 12345, UNITED STATES OF AMERICA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KUMAR KM, MANOJ NMN
(87) International Publication No	: NA	2)KOMMAREDDY, VAMSHI KRISHNA REDDY
(61) Patent of Addition to Application Number	:NA	3)A., YEGNESWARAN
Filing Date	:NA	4)DEVKAR, GANESH
(62) Divisional to Application Number	:NA	5)NAGARANAVILE, NATARAJA
Filing Date	:NA	ASWATHANARAYANA

(57) Abstract :

A sensor assembly is disclosed. The sensor assembly includes a sensor rod and a holder for securely holding at least a part of the sensor rod, such that at least a part of the sensor rod is immersed in the fluid. Further, the assembly includes an enclosure connected to the holder and a transducer assembly mounted in the enclosure. The transducer assembly is located in proximity of the sensor rod and is arranged to transmit an ultrasonic wave along the sensor rod and receive a reflected wave there from for sensing at least one parameter of the fluid.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : SNR ENHANCEMENT FOR THE END REFLECTIONS ON ULTRASONIC SENSOR ROD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA	 (71)Name of Applicant : 1)GENERAL ELECTRIC COMPANY Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 UNITED STATES OF AMERICA (72)Name of Inventor : 1)KOMMAREDDY, VAMSHI KRISHNA REDDY 2)A., YEGNESWARAN 3)NAGARANAVILE, NATARAJA ASWATHANARAYANA
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(57) Abstract :

A ultrasonic sensor is provided. The ultrasonic sensor includes a ultrasonic portion configured to sense at least one parameter of a fluid, a reference portion including a first end and a second end. The second end of the reference portion is coupled to the ultrasonic portion. The ultrasonic sensor also includes a selectively attenuating portion provided in the reference portion.

No. of Pages : 36 No. of Claims : 25

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESS OF EXPEDITING ACTIVATION OF HEAT EXPANDABLE ADHESIVES/COATINGS USED IN MAKING PACKAGING SUBSTRATES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	n:B29C44/32,B29C35/14,B32B3/28 :61/379030 :01/09/2010 :U.S.A. :PCT/US2011/048928	 (71)Name of Applicant : 1)LBP MANUFACTURING INC. Address of Applicant :1325 S. Cicero Avenue Cicero IL 60804 U.S.A. (72)Name of Inventor : 1)FU Thomas Z.
Filing Date (87) International Publication No	:24/08/2011 :WO 2012/030596	2)COOK Matthew R.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method for manufacturing a multilayer sheet material includes at some point during passage of the sheet material through a machine system heating the multilayer sheet material with a microwave heater to expand a heat expandable adhesive or coating applied to or within the multilayer sheet material. Various types of multilayer substrates may be created depending on the steps used and the application of the heat expandable adhesive or coating. Additionally a monolayer sheet may be coated with a pattern of heat expandable coating before passage of the monolayer sheet through the machine system that heats the monolayer sheet to expand the heat expandable coating applied to the monolayer sheet. The microwave heater used by the machine system may be a planar type and have a plurality of microwave guides surrounding a space through which the sheet material(s) pass. The microwave heater may be operable at multiple frequencies.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYNTHESIS AND USE OF KINASE INHIBITORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition Application Number Filing Date (62) Divisional to Application Number Filing Date 	:01/339942 :30/06/2010 :U.S.A. :PCT/US2011/042169 :28/06/2011 :WO 2012/012139	 (71)Name of Applicant : 1)PONIARD PHARMACEUTICALS INC. Address of Applicant :300 Elliot Avenue West Suite 500 Seattle Washington 98119 4114 U.S.A. (72)Name of Inventor : 1)LEI Yixiong 2)BEHRENS Carl Henry 3)LI Hui Yin 4)LI Hui Yin
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(57) Abstract :

An improved synthesis of a class of inhibitor of Focal Adhesion Kinase (FAK) is provided wherein use of an expensive palladium based catalyst is reduced and reaction yields and product purities are improved. Two key reactions of coupling of aryl halides with anilines are optimized with the surprising discovery that the palladium based catalyst can be dispensed with entirely in one of the reactions. The invention also provides the use of the FAK inhibitory compounds in the treatment of inflammatory and immune disorders and of arthritis.

No. of Pages : 46 No. of Claims : 48

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : COMMUNICATION PROTOCOL FOR WIRELESS SENSOR NETWORKS USING COMMUNICATION AND ENERGY COSTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA	 (71)Name of Applicant : 1)UNISYS CORPORATION Address of Applicant :C/O PATENT & TECHNOLOGY LAW GROUP MS/2NW, 801 LAKEVIEW DRIVE, SUITE 100, BLUE BELL, PA 19422, UNITED STATES OF AMERICA (72)Name of Inventor : 1)TANUSRI ROY
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(57) Abstract :

A system, method, apparatus and software are disclosed for data communication within a wireless sensor network comprising a plurality of sensors and a base station, with the sensors organized into a plurality of clusters. Each sensor is to determine a communication cost comprising an amount of power or energy required for the sensor to communicate with all other sensors within its selected cluster, and to select a sensor having a lowest communication cost as a cluster head sensor. When the sensor is the cluster head sensor, it is to determine and transmit a TDMA data transmission schedule to the other sensors within the selected cluster, to receive and aggregate sensor data from these other sensors, to transmit a data transmission request to the base station designating an amount of aggregated data to be transmitted, and to transmit the aggregated data to the base station during a designated time interval.

No. of Pages : 36 No. of Claims : 25

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : COMPOSITE FILM METHOD FOR PRODUCING A COMPOSITE FILM AND A FILM COMPOSITE CONSISTING OF AT LEAST ONE COMPOSITE FILM AND APPARATUS FOR PRODUCING A COMPOSITE FILM

(31) Priority Document No(32) Priority Date	:B32B27/08,B32B7/02,B32B3/24 :10 2010 031 362.9 :15/07/2010	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No Filing Date	:PCT/EP2011/059032 :01/06/2011	(72)Name of Inventor : 1)EKENHORST Dirk
(87) International Publication No	:WO 2012/007223	
(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 composite film (lo), in particular for packaging (1) in the food industry, having at least one sealing layer (12), which consists of sealable material and is connected, at least indirectly, to a first layer (11) which acts as an outer layer, wherein the sealing layer (12) has a lower melting point than the first layer (11). According to the invention, it is provided that, on that side of the sealing layer (12) which is directed away from the first layer (11), a second layer (13), which acts as an inner layer, is arranged in operative connection with the sealing layer (12), that the second layer (13) has a higher 0 melting point than the sealing layer (12), and that the second layer (13) has at least one through-opening (17; 17a to 17c), which is covered over by the sealing layer (12).

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

(19) INDIA

(22) Date of filing of Application :12/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A PROCESS FOR THE PRODUCTION OF CYCLOSPORIN-A

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61K :NA :NA :NA	 (71)Name of Applicant : 1)M/S INDIAN COUNCIL OF MEDICAL RESEARCH Address of Applicant :V. RAMALINGASWAMI BHAWAN, ANSARI NAGAR, NEW DELHI-110029 India
 (85) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA : NA	 (72)Name of Inventor : 1)A. MARY MANONMANI 2)I. GEETHA
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)K. BALARAMAN

(57) Abstract :

This invention relates to a process for the production of Cyclosporin-A (Cyc-A) comprising the steps of inoculating a nutrient medium with the fungus Tolypocladium sp., strain NRRL No. 18950 followed by cultivation under static conditions to obtain a fermented medium with the fungal biomass, harvesting the biomass and subjecting the harvested biomass to extraction followed by purification to obtain pure Cyc-A, wherein said nutrient medium comprises glucose, glycerol, casein acid hydrolysate, malt extract, peptide, L-valine.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : FREIGHT WAGONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:01/07/2011	 (71)Name of Applicant : 1)UNITED GROUP RAIL SERVICES LIMITED Address of Applicant :Level 5 369 Royal Parade Parkville VIC 3052 Australia (72)Name of Inventor : 1)WATTERS Jim
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This invention is in the field of railway rolling stock and in particular freight wagons. In a first aspect the invention is a freight wagon end casting. In a second aspect the invention is a method for manufacturing a freight wagon. The invention is a monolithic steel freight wagon end casting comprising: At a first end draft pocket rear stop surfaces to react against draft gear. At a second end opposite the first end a center sill interface to connect to the center sill member. On either side a bolster interface to connect to a bolster. And underneath a center plate to engage the bogie.

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

(19) INDIA

(22) Date of filing of Application :12/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : OIL COLLECTOR DEVICE & QUOT			
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F04F :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)DEEPAK KUMAR Address of Applicant :H NO. 292, WARD NO. 7, LALHARI ROAD, NEAR SHIV MANDIR, GANAUR, Rajasthan India 2)NISHANT SHARMA (72)Name of Inventor : 1)DEEPAK KUMAR 2)NISHANT SHARMA 	

(57) Abstract :

Oil Spill Removing Device and a Method Thereof The present invention relates to an oil spill removing device and a method thereof and more particularly for removing oil fiom liquids such as water and purifying the same. The present invention provides a device for removing spilled oil from water, said device comprising of an open container, said container comprising: one or more discs having radius based on size of the open container; an electrical circuit connected to the discs; and one or more collectors connected to the discs for collecting the oil separated fiom the water.

No. of Pages : 30 No. of Claims : 19

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : TREATMENT OF DIABETES WITH PANCREATIC ENDOCRINE PRECURSOR CELLS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority	:A61K35/12,A61K38/18,A61K38/22 :61/373109 :12/08/2010 :U.S.A.	 (71)Name of Applicant : 1)JANSSEN BIOTECH INC. Address of Applicant :800/851 Ridgeview Drive Horsham PA 19044 U.S.A. (72)Name of Inventor :
country	.U.S.A.	1)XU Jean
(86) International Application No Filing Date	:PCT/US2011/047410 :11/08/2011	
(87) International Publication No	:WO 2012/021698	
(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 method for lowering blood glucose levels in an animal by transplanting a population of pancreatic endocrine precursor cells into an animal.

No. of Pages : 37 No. of Claims : 1

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A PATIENT POSITIONING DEVICE PRIMARILY DEVELOPED FOR STEREOTACTIC BODY RADIO SURGERY (SBRT)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61G13/02 :12/838417 :16/07/2010 :U.S.A. :PCT/US2011/044400 :18/07/2011	
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	3)KIRK J. Damon 4)FISHER Steven M. (72)Name of Inventor : 1)COPPENS Daniel D. 2)RABENO David M. 3)KIRK J. Damon 4)FISHER Steven M.

(57) Abstract :

The present invention provides a patient positioning device which enables the latest advances in Stereotactic Radiation Therapy. The geometry which incorporates at least one window or lateral cut out is designed to allow clear treatment access to the patient during non coplanar treatment regimes through the use of windows or lateral cut outs. A laterally positionable diaphragm compression device allows the full use of the geometry. The development of a stand alone device and a couch top insert device allows for a maximum number of protocol methods while minimizing the skin surface radiation dose to the patient.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : REMEDIATION OF PHYSIOLOGICALLY ACTIVE COMPOUNDS FROM WASTE WATER (51) International classification :C02F1/58 (71)Name of Applicant : 1)MOLYCORP MINERALS LLC (31) Priority Document No :61/354031 (32) Priority Date Address of Applicant :5619 Denver Tech Center Pkwy Suite :11/06/2010 (33) Name of priority country 1000 Greenwood Village CO 80111 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/040214 (72)Name of Inventor : 1)BURBA John L. Filing Date :13/06/2011 (87) International Publication No :WO 2011/156817 2)WHITEHEAD Charles F. (61) Patent of Addition to Application 3)HASSLER Carl R. :NA Number **4)CABLE Robert** :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract :

Filing Date

The present invention is directed to the removal of one or more selected target materials in particular a physiologically active compound contaminant from various streams using a rare earth fixing agent.

:NA

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : AN IMPROVED BIORESORBABLE POLYMERIC VASCULAR STENT DEVICE (51) International classification :A61F2/91 (71)Name of Applicant : 1)SHALYA MEDICAL TECHNOLOGIES (INDIA) PVT. (31) Priority Document No :NA (32) Priority Date :NA LTD. (33) Name of priority country :NA Address of Applicant :B-24 Ansal Tower 38 Nehru Place (86) International Application No Delhi India :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA 1)Naresh Bhatnagar (61) Patent of Addition to Application Number :NA 2)Abhinav Sood Filing Date :NA 3)Aanchal Satija (62) Divisional to Application Number :NA 4)Avinash Kumar Filing Date :NA

(57) Abstract :

The present invention relates to an improved bioresorbable polymeric vascular device. Particularly the present invention relates to bioresorbable expandable medical devices such as stents for supporting and maintaining the patency of a body lumen. The invention relates to stent design made of bioresorbable and biocompatible polymer which fits within the body lumen namely blood vessels and is useful in treating various cardiovascular disorders like atherosclerosis restenosis or cannanlicular obstructions. It also relates to delivering the drug via stent scaffold to adjacent vessel wall which leads to uniform distribution of drug particles within the polymeric stent scaffold. It also relates to bioresorbable stent which remains radio-opaque till the scaffold disappears completely from the lumen.

No. of Pages : 63 No. of Claims : 25

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : ADJUSTABLE AXLE ASSEMBLY FRONT FOR AGRICULTURE AND CONSTRUCTION EQUIPMENT'S TRACTORS.

(51) International classification	:A01B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ESCORTS LIMITED,
(32) Priority Date	:NA	Address of Applicant : AGRI MACHINERY GROUP, 18/4,
(33) Name of priority country	:NA	MATHURA ROAD, FARIDABAD-121007, Haryana India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)S.K. GARG
(87) International Publication No	: NA	2)R.K. SINGHAL
(61) Patent of Addition to Application Number	:NA	3)SHARAD KAPUR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A OVCI steering system with adjustable axle assembly front for sriculture and construction equipments tractors Thjs invention relates to a novel steering system with adjustable axle assembly front for agriculture and construction equipments tractors comprising of an adjustable axle assembly front connected with block IrOnt center on one side and block rear center on other side wherein a support assembly front axle is provided in connection with the block front center and block rear center. It is associated with the following Uvarliageous features:- Suitable for heavy duty application Applicable to agriculture and construction equipments tractors. Adjustable axle and stoppers to reduce the to rning radius of venicic, thereby requiring less space of turning. Weouction in stress level on the front axle asem oiy. Robust. look, increases tractors. - More cost effective and reliable for heavy load applications. Improves aesthetics of the Vehicle.

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

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

(54) Title of the invention : AN ENCAPSULATING MATERIAL FOR UNDERWATER PROJECTOR AND AN ENCAPSULATED UNDERWATER PROJECT

(51) International classification:C130(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(63) Patent of Addition Number:NA(64) Patent of Application Number:NA(65) Divisional to Application Number:NAFiling Date:NAFiling Date:NAFiling Date:NA	 (71)Name of Applicant : 1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION Address of Applicant :MINISTRY OF DEFENCE, GOVERNMENT OF INDIA, ROOM NO 348-8 WING, DRDO BHAWAN, RAJAJI MARG, NEW DELHI-110105, INDIA (72)Name of Inventor : 1)REJI JOHN 2)SHIV KUMAR 3)POTURAJU PRASHANT SATYANARAYAN 4)MANAPURATHU RAMAKRISHNAN SUBASH CHANDRABOSE
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(57) Abstract :

This invention relates to a method of control, reduction or prevention of cavitation of underwater acoustic projectors and more specifically cavitation control and prevention by using a semi-solid or gel material encapsulation around the acoustic projectors. Thus the current invention is to provide a mechanism for avoiding the initiation of cavitation in vicinity of the acoustic project along with this invention is to provide a material suitable for the prevention of cavitation by developing a suitable composition for the material.

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

(22) Date of filing of Application :12/03/2013

(54) Title of the invention : BIO-FOLIAR IS AN ECO-FRIENDLY FORMULATION APPLIED FOR THE GROWTH AND PRODUCTIVITY OF DIFFERENT MULBERRY VARIETIES

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A01N :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)DHIRAJ KUMAR Address of Applicant :DEPARTMENT OF APPLIED ANIMAL SCIENCES, BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY, VIDYA VIHAR, RAI BARELI ROAD, LUCKNOW-226025, UP, INDIA (72)Name of Inventor : 1)DHIRAJ KUMAR 2)VENKATESH KUMAR R.
• •	:NA :NA	

(57) Abstract :

Bio-foliar is an eco-friendly formulation of different natural products. The objective of the present study was to enhance the gro, yield, plant nutrients and biochemical content in ap instant available form. Bio-foliar efficacy was analyzed on five different mulberry varieties namely S-1, S-146, S-1635, BR-2 and AR-14 for their performance on growth, yield and biochemical constituents. Bio-foliar spray was able, to enhance growth and productivity (shoot length, no. of slioot per plant, no. of leaves per plant, leaf area, fi-esh weight of Jeaves, leaf yield), plant nutrients (N, P, K, OC, Ca, Mg, Fe, Zn, Cu, Mn and S) and biochemical contents (protein, carbohydrates, chlorophyll and carotenoids) in different mulberry varieties.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : CONTINUOUS GAS FILLING PROCESS AND APPARATUS FOR FABRICATION OF INSULATING GLASS UNITS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:12/824327 :28/06/2010	 (71)Name of Applicant : 1)PRAXAIR TECHNOLOGY INC. Address of Applicant :39 Old Ridgebury Road Danbury CT 06810 U.S.A. 2)INTEGRATED AUTOMATION SYSTEMS LLC (72)Name of Inventor : 1)McHUGH Michael Patrick
(61) Patent of Addition to Application	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method and apparatus for filling insulating glass units with one or more insulating gases (e.g. Argon and Krypton gas). The insulating gases are supplied to gas filling tubes that are inserted into one or more interpane spaces of the insulating glass units. Each interpane space may be filled with more than one insulating gas. A control unit controls the injection of the insulating gases in accordance with gas filling data received by the control unit.

No. of Pages : 32 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SALT COME	POUND	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D417/00 :61/376501 :24/08/2010 :U.S.A.	 (71)Name of Applicant : 1)SGC PHARMA INC. Address of Applicant :207 Grandview Road Ottawa ON K2H 8B9 Canada (72)Name of Inventor : 1)BENDER Robert 2)CHAU Ho Lun Joseph 3)COWART Doug

(57) Abstract :

A salt compound and methods for mitigating neurodegeneration effecting neuroprotection and/or effecting cognition enhancement in a subject using the salt compound are described. Neurological or cognitive conditions are treated by administering to a subject an effective amount of a therapeutic salt compound comprising a nitrate ester.

No. of Pages : 26 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :14/02/2013

(54) Title of the invention : SYNTHESIS OF NEW SIALOOLIGOSACCHARIDE DERIVATIVES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (36) International Application No Filing Date (51) International Publication No (52) Divisional to Application Number Filing Date (51) Date (52) Divisional to Application Number (51) Date (51) Patent (52) Divisional to Application Number (53) NA 	 (71)Name of Applicant : 1)GLYCOM A/S Address of Applicant :Diplomvej 373 Ã~ 1st fl. DK 2800 Kgs. Lyngby Denmark (72)Name of Inventor : 1)SCHROVEN Andreas 2)CHAMPION Elise 3)DEKANY Gyula 4)RÃ-HRIG Christoph 5)VRASIDAS Ioannis 6)PÉREZ FIGUEROA Ignacio 7)HEDEROS Markus 8)BOUTET Julien 9)Ã GOSTON Ã gnes 10)KOVà CS PÉNZES Piroska 11)HORVÃ TH Ferenc 12)RISINGER Christian 13)PIPA Gergely 14)DEMKÃ SÃ;ndor 15)KRÃ-GER Lars
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(57) Abstract :

The invention relates to a method for the synthesis of compounds of general formula (1A) and salts thereof where in one of the R groups is an a-sialyl moiety and the other is H, X1represents a carbohydrate linker ,A is a D-glucopyranosyl unit optionally substituted with fucosyl, Ris a protecting group that is removable by hydrogeno lysis, the integer m is 0 or 1, by a transsialidation reaction.

No. of Pages : 98 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :21/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : NOVEL SILA ANALOGS OF DEET AS INSECT REPELLANTS (51) International classification :A01N (71)Name of Applicant : **1)COUNCIL OF SCIENTIFIC & INDUSTRIAL** (31) Priority Document No :NA (32) Priority Date :NA RESEARCH (33) Name of priority country :NA Address of Applicant : ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110001, INDIA. (86) International Application No :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA 1) DUMBALA SRINIVASA REDDY (61) Patent of Addition to Application Number :NA **2)REMYA RAMESH** Filing Date :NA **3)SEETHARAM SINGH BALAMKUNDU** (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to Aza Sila compounds of formula I, useful as insect repellent. The invention further discloses process for preparation of the compounds of formula I. wherein, A is selected from the group consisting of branched or unbranched (Cl-Cl2) alkyl, branched or unbranched (Cl -Cl2) alkynyl; or substituted or unsubstituted 4 to 6 membered acyclic saturated or unsaturated compounds, wherein the substituents may be selected from the group consisting of halogen, hydrogen, (C 1-C6) alkyl, aryl, arylalkyl and heterocyclic; or A is independently selected from the group consisting of the following moiety; wherein, X and Y are identical or different and independently selected from the group -C-, -N, - 0 or -S; where Rl,R2, R3 and R4 are identical or different and each independently selected from the group consisting of hydrogen, linear or branched (C 1 -C6) alkyl, aryl, arylalkyl, hydroxyl and heterocyclic; and wherein, the halogen includes -C1, -I, -Br and -F.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : A PROCESS OF PREPARING A CALLUS CULTURE EXTRACT OF FICUS RELIGIOSA L. HAVING INDUCED ACETYCHOLINESTERASE INHIBITORY ACTIVITY AND COMPOSITION THEREOF

(51) International classification	:C12Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHAUDHARY DEVI LAL UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :SIRSA-125055, HARYANA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SIWACH, PRIYANKA
Filing Date	:NA	2)GILL, ANITA, RANI
(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 process for preparing a callus culture extract of Ficus religiosa L. having enhanced

acetylcholinesterase inhibitory activity which can be used in the treatment of Alzheimers Disease. Callus culture of Ficus religiosa enables large scale production of the extract associated with high acetylcholinesterase inhibitory activity, which would not have been feasible with naturally occurring Ficus religiosa plants.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : A PROCESS FOR PREPARING A HAIRY ROOT CULTURE EXTRACT OF FICUS RELIGIOSA L. HAVING INDUCED ACETYLCHOLINESTERASE INHIBITORY ACTIVITY AND COMPOSITION 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 	:NA :NA	 (71)Name of Applicant : 1)CHAUDHARY DEVI LAL UNIVERSITY Address of Applicant :SIRSA-125055, Haryana India (72)Name of Inventor : 1)SIWACH, PRIYANKA 2)GILL, ANITA, RANI
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(57) Abstract :

The present invention provides a process for preparing a hairy root culture extract of Ficus religiosa 1. having enhanced acetylcholinesterase inhibitory activity which can be used in the treatment of Alzheimers Disease. Hairy root cultures of Ficus religiosa, produced by genetic transformation by Agrobacterium rhizogenes, enable large scale production of the extract associated with high acetylcholinesterase inhibitory activity, which would not have been feasible with naturally occurring Ficus religiosa plants.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : PIPERIDINE DERIVATIVES AND THEIR USE FOR THE TREATMENT OF METABOLIC DISORDERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition t Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D211/34,C07D401/04,C07D401/12 :10168113.8 :01/07/2010 :EPO :PCT/EP2011/061012 :30/06/2011 :WO 2012/001107 ^O :NA :NA :NA	 (71)Name of Applicant : 1)BOEHRINGER INGELHEIM INTERNATIONAL GMBH Address of Applicant :Binger Strasse 173 55216 Ingelheim am Rhein Germany (72)Name of Inventor : 1)ROTH Gerald Juergen 2)FLECK Martin 3)LEHMANN LINTZ Thorsten 4)NEUBAUER Heike 5)NOSSE Bernd
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(57) Abstract :

The invention relates to new piperidine derivatives of the formula (I) to their use as medicaments to methods for their therapeutic use and to pharmaceutical compositions containing them.

No. of Pages : 325 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :11/03/2013

(54) Title of the invention : ROTARY THREAD CUTTING DEVICE FOR SEWING MACHINE THEREOF (51) International classification :F16C (71)Name of Applicant : 1)KAULIN MFG. CO., LTD. (31) Priority Document No :NA Address of Applicant :11F., NO. 128, SEC. 3, MINSHENG E. (32) Priority Date :NA (33) Name of priority country RD., SONGSHAN DISTRICT, TAIPEI CITY TAIWAN (R.O.C.) :NA (86) International Application No :NA China Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA **1)PEI-CHIA LIN** (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date

:NA

(57) Abstract :

A rotary thread cutting device (1) for a sewing machine includes a cam (10), an actuator (20), a drive mechanism (30), a rotary blade base (40), and a blade module (50). The actuator (20) is fixed to the sewing machine (8) and has a push rod (22); the drive mechanism (30) including a pushed assembly (31) having a first extension portion (311) connected to and actuated by the push rod (22) and a second extension portion (312) disposed to match and driven by the cam (10), an axial rod (32) hinged to the sewing machine (8), and a drive arm (33); the pushed assembly (31) and the drive arm (33) are sleeved around the two ends of the axial rod (32); the rotary blade base (40) is sleeved around and hinged to the sleeve (83); the rotary blade base (40) is connected to the drive arm (33); the blade module (50) includes a fixed blade (51) mounted to the sewing machine (8) and a movable blade (52) corresponding to the fixed blade (51) and attached to the rotary blade base (40), wherein the movable blade (52) and the fixed blade (51) together cut a thread (9) during a return stroke. Thus, stability of thread cutting is improved, frictional wear on the blades is reduced, and the service life of the blades is increased.

No. of Pages : 20 No. of Claims : 10

(19) INDIA

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

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:F23D14/22 :61/363627 :12/07/2010	(71)Name of Applicant : 1)LAIR LIQUIDE SOCIETE ANONYME POUR LETUDE ET LEXPLOITATION DES PROCEDES GEORGES CLAUDE
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Distribute Application Number 	:U.S.A. :PCT/US2011/043692 :12/07/2011 :WO 2012/009345 :NA :NA	 (72)Name of Inventor : 1)PRABHAKAR Rajeev S. 2)TSIAVA Remi Pierre 3)MORTBERG Magnus 4)GRAND Benoit
(62) Divisional to Application Number Filing Date	:NA :NA	5)LEROUX Bertrand 6)GAUTAM Vivek

(54) Title of the invention : DISTRIBUTED COMBUSTION PROCESS AND BURNER

(57) Abstract :

During a heating phase injection of a jet of fuel and oxidant (fuel annularly enshrouding oxidant or oxidant annularly enshrouding fuel) from a fuel oxidant nozzle is combusted in a combustion space. During a transition from the heating phase to a distributed combustion phase an amount of a secondary portion of either the fuel or oxidant is injected as a jet into the combustion space while the primary portion of that same reactant from the fuel oxidant nozzle is decreased. At some point during the transition phase a jet of actuating fluid is injected at an angle towards the jet of reactants from the fuel oxidant nozzle and/or towards the jet of the secondary portion of reactant. The jet of primary portions of reactants and/or secondary portion of reactant is caused to be bent/deviated towards the other of the two jets. The staging of the secondary portion of reactant is increased until a desired degree of staging and commencement of a distributed combustion phase are achieved.

No. of Pages : 77 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :12/03/2013

(54) Title of the invention : SLING COMPRESSOR		
 (54) Title of the invention : SLING COMPRESSOR (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F02D :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)SRIL PNEUMATICS Address of Applicant :79-A, RAJENDRA NAGAR INDUSTRIAL AREA, G.T. ROAD, MOHAN NAGAR, SAHIBABAD, GHAZIABAD-201005 Uttar Pradesh India (72)Name of Inventor : 1)KUMAR, VINOD
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved system for reciprocating mechanism of compressors and/or engines for getting better power/fuel efficiency. Herein, multiple cylinders or compression chambers are used in a single line, by placing the biggest cylinder or compression chamber on the opposite side of pivot and then smaller one placing towards the pivot in reduced sizes and so on. This system makes sure that all the neighboring cylinders or compression chambers stock lengths are in a special location ratio from the pivot position so as to obtain maximum efficiency.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : IMPROVED PISTON OF DIESEL ENGINE (51) International classification :B23B (71)Name of Applicant : (31) Priority Document No 1)ESCORTS LIMITED, :NA (32) Priority Date Address of Applicant : AGRI MACHINERY GROUP, 18/4, :NA (33) Name of priority country MATHURA ROAD, FARIDABAD-121007 Haryana India :NA (86) International Application No (72)Name of Inventor : :NA **1)RAJEEV DHIMAN** Filing Date :NA (87) International Publication No : NA 2)VIKAS DHIMAN (61) Patent of Addition to Application Number :NA **3)SHALABH PARASHAR** Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

This invention relates to an improved piston of diesel engine comprising of atleast one slot on anti thrust side of piston skirt to reduce sliding friction between piston and liner. It results in reduced friction of skirt zone and also reduced fuel consumption, thereby reducing emission of carbon dioxide.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : COOKING SYSTEM		
(51) International classification	:F24C15/20	(71)Name of Applicant :
(31) Priority Document No	:NA	1)FIRST ENERGY PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :B-101 TO B-105, 1ST FLOOR, B-
(33) Name of priority country	:NA	WING, SIGNET CORNER, S.NO. 134, BANER, PUNE-411045
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MAHESH YAGNARAMAN
(61) Patent of Addition to Application Number	:NA	2)MUKUND DEOGAONKAR
Filing Date	:NA	3)NILESH DESHPANDE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cooking system with indirect heating comprising a cooking surface (25), a jacket (26) in thermal communication with the cooking surface (25) and having an inlet and an outlet, a heat exchanger (24) having an inlet and an outlet and the outlet of the heat exchanger (24) is connected to the inlet of the jacket (26), a stove (23) in thermal communication with the heat exchanger (24), an expansion tank (27) connected to the outlet of the jacket (26), a pump (28) connected between the inlet of the heat exchanger (24) and the expansion tank (27) for transferring fluid from the expansion tank (27) to the heat exchanger (24) and a control element for controlling the fluid circulation between the heat exchanger (24) and the jacket (26).

No. of Pages : 23 No. of Claims : 15

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

(54) Title of the invention : COMPOSITION FOR IMMEDIATE AND EXTENDED RELEASE

(51) International classification:C07(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAKa </th <th> (71)Name of Applicant : (71)Name of Applicant : POLARIS AVENUE 144, 2132 JX-HOOFDDORP, THE NETHERLANDS (72)Name of Inventor : 1)VARINDER AHUJA 2)RAJAN VERMA 3)UMESH VINAYAKRAO BARABDE 4)ARNE HAGSTEN 5)KRISTIN WANNERBERGER 6)RAMBABU BOORUGU 7)AMOL VILASRAO SOMWANSHI </th>	 (71)Name of Applicant : (71)Name of Applicant : POLARIS AVENUE 144, 2132 JX-HOOFDDORP, THE NETHERLANDS (72)Name of Inventor : 1)VARINDER AHUJA 2)RAJAN VERMA 3)UMESH VINAYAKRAO BARABDE 4)ARNE HAGSTEN 5)KRISTIN WANNERBERGER 6)RAMBABU BOORUGU 7)AMOL VILASRAO SOMWANSHI
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(57) Abstract :

The subject invention relates to fast dissolving pharmaceutical composition comprising an active ingredient for immediate release and further comprising controlled release dosage form comprising an active ingredient for controlled release.

No. of Pages : 61 No. of Claims : 40

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : PAEDIATRIC HIP SPICA TABLE		
(51) International classification	:A61M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAURABH SINGH
(32) Priority Date	:NA	Address of Applicant :4/59, VISHAL KHAND, GOMTI
(33) Name of priority country	:NA	NAGAR, LUCKNOW-226010 Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SAURABH SINGH
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to Paediatric hip spica table comprising of a stand supporting a slider plate detachably attached with said stand, wherein the stand comprising of atleast two longitudinal bars provided in parallel, which arc bent with an inclination upwards to support the slider plate. It is associated with the following advantageous features :- a Easy to assemble and use. Application of a plaster in the optimum position leads to enhancement of patient comfort and recovery with tendency to mitigate against complication. Cost effective.

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

(19) INDIA

(22) Date of filing of Application :14/03/2012

(54) Title of the invention : FINGER MILLET BASED HEALTH DRINK POWDER AND A PROCESS FOR THE PREPARATION OF THE SAME

(51) International classification		(71) Nome of Applicant .
(51) International classification	:A25L1/105	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMRENDRA KUMAR
(32) Priority Date	:NA	Address of Applicant :H. NO. 315, RED BUILDING, RAJ
(33) Name of priority country	:NA	GURU CHOWK, BETTIAH-845438, W. CHAMPARAN,
(86) International Application No	:NA	BIHAR, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)AMRENDRA KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a synergistic formulation for finger millet based health drink powder comprising finger millet (Eleusine coracana), pulses, skim milk powder, stabilizer, emulsifier etc. and also a process for preparing the said health drink. The said health drink powder is a rich source of proteins, calcium and fibre, and fat content is quite low. The said health drink powder has enhanced solubility and sensory profile.

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

(19) INDIA

(22) Date of filing of Application :21/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : TROLLEY CONVEYOR	۲.	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		 (71)Name of Applicant : 1)TSUBAKIMOTO CHAIN CO. Address of Applicant :3-3-3 Nakanoshima Kita-ku Osaka-shi Osaka 530-0005 Japan (72)Name of Inventor : 1)ATSUSHI NAKAGAMI

(57) Abstract :

A trolley conveyor includes a rail provided in a hanging manner along a conveyor line; a plurality of trolleys, which are guided and supported by the rail to move in the extension direction 5 of the rail, for conveying an object W; and a drive unit for driving the respective trolleys, wherein each of the trolleys has: a guided and supported unit, which is guided and supported by the rail; a connecting bar member, which is laid between guided and supported units, for connecting the guided and supported units with 10 each other; and an attachment unit, which is fixed to the connecting bar member and to which the conveyed object W is attached, and the attachment unit is connected with the connecting bar member with a pivot substantially parallel to the longer direction of the connecting bar member.

No. of Pages : 45 No. of Claims : 13

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : SOLID HERBICIDE COMPOSITIONS WITH BUILT IN ADJUVANT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:A01N25/08,A01N25/12,A01N39/02 :61/364615 :15/07/2010 :U.S.A. :PCT/US2011/043929 :14/07/2011 :WO 2012/009489 :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)DAVE Hiteshkumar 2)LIU Lei 3)BOUCHER Raymond 4)OUSE David 5)MANN Richard 6)GIFFORD James 7)HUANG Yi hsiou 8)MCVEIGH NELSON AEndrea 9)LOGAN Martin C. 10)BATBA Achish
(62) Divisional to Application Number Filing Date	:NA :NA	10)BATRA Ashish

(57) Abstract :

The present invention concerns stable herbicidal solid compositions containing built in adjuvant which exhibit improved herbicidal efficacy when used to control weeds in flooded rice paddies or fields.

No. of Pages : 36 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :12/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROVIDING CONNECTIVITY IN WIRELESS COMMUNICATION NETWORKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA	 (71)Name of Applicant : 1)ALCATEL LUCENT Address of Applicant :3, AVENUE OCTAVE GREARD, 75007 PARIS, France (72)Name of Inventor : 1)VALLIAPPAN, MUTHUVEERAPPA
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(57) Abstract :

A method to provide connectivity to User Equipments (UE) (102) utilized by subscribers of telecom service providers in a Long Term Evolution (LTE) communication network is described. The method includes identifying a plurality of Public Land Mobile Networks (PLMNs) 102 sharing a base station 104, where the plurality of PLMNs comprises at least a primary PLMN 102- 1. The method also includes determining a connectivity status associated with at least the primary PLMN 102-1. The method further includes encoding the connectivity status of at least the primary PLMN 102-1 into a Modified SIB Typel message, where the Modified SIB Typel message includes information necessary for a UE 106 to camp on the base station 104.

No. of Pages : 36 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :02/01/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR A MAINTENANCE FREE POINT ON WAVE CIRCUIT BREAKER

(51) International classification	:H02H3/00, H02H3/04, H02J13/00, H02J3/14	 (71)Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, 6TH FLOOR, DR. ANNIE BESANT ROAD, WORLI, MUMBAI - 400 030,
(31) Priority Document No	:NA	MAHARASHTRA, INDIA.
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)VAIDYA TUSHAR
(86) International Application No	:NA	2)NAMJOSHI YOGENDRA
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 system for auto-calibration of a circuit breaker for point-on-wave switching, said circuit breaker comprising a plurality of parameters per at least a pole, said circuit breaker comprising a controller adapted to provide at least a control signal for actuation of said circuit breaker, said control signal being adapted to compensate for at least a computed switching time difference, system comprising: a parameter defining module adapted to define parameters; a pole defining means adapted to define number of poles; an acquisition module adapted to acquire time delays in relation to each selected parameter per defined pole; a current sensing means and a voltage sensing means adapted to sense current values and voltage values, as a function of time; a wavelet transformation means adapted to apply wavelet transform method in order to obtain wavelet transformed current values (as a function of time) and wavelet transformed voltage values (as a function of time), respectively; plotting means adapted to plot graphs; acquisition module further comprising a peak and zero detecting means adapted to detect at least a voltage peak value (as a function of time); and computation means adapted to compute switching time difference by computing a difference in values of said current changeover value (as a function of time) and said voltage peak value (as a function of time).

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION (21) Application No.1725/MUMNP/2013 A (19) INDIA (22) Date of filing of Application :13/09/2013 (43) Publication Date : 26/09/2014 (54) Title of the invention : SYSTEM AND METHOD USING A CLIENT LOCAL PROXY SERVER TO ACCESS A DEVICE HAVING AN ASSIGNED NETWORK ADDRESS (51) International classification :H04L29/08,H04L29/12 (71)Name of Applicant : (31) Priority Document No :61/452031 **1)OUALCOMM INCORPORATED** (32) Priority Date :11/03/2011 Address of Applicant :Attn: International IP Administration (33) Name of priority country 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/028536 (72)Name of Inventor : Filing Date :09/03/2012 1)HERSHKO Yuval Corey (87) International Publication No :WO 2012/125474 2)STRAUSS Nir (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A communications system includes a mobile computing device having a dynamic address and mobile web server software. A client local proxy server has an IP address to which a web client can reliably and consistently establish an internet connection. In response to receiving a request from the web client to access the mobile computing device the client local proxy server acts as an intermediary opening up a communications path between the web client and the assigned address of the mobile computing device. The mobile computing device repeatedly registers the current version of its address with the client local proxy server. The mobile computing device and proxy server software require only targeted configuration changes to perform the disclosed intermediary routing operations.

No. of Pages : 34 No. of Claims : 18

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : COPOLYMER 1 PROCESS FOR PREPARATION AND ANALYTICAL METHODS THEREOF

(51) International classification	n:C07K2/00,C07K14/00,A61P25/28	(71)Name of Applicant :
(31) Priority Document No	:409/MUM/2011	1)USV LIMITED
(32) Priority Date	:14/02/2011	Address of Applicant :B.S.D. Marg Station Road Govandi
(33) Name of priority country	:India	Mumbai 400088 MAHARASHTRA, INDIA.
(86) International Application	:PCT/IN2012/000104	(72)Name of Inventor :
No	:14/02/2012	1)SATHE Dhananjay Govind
Filing Date	.14/02/2012	2)NAIDU Avinash Venkatraman
(87) International Publication	:WO 2012/123959	3)SUBRAMANIAN Sundaram
No	. WO 2012/123939	4)BHATTACHARYYA Anindya Sibnath
(61) Patent of Addition to	:NA	5)SHEKHAWAT Rakesh
Application Number	:NA :NA	6)SAKSENA Divya Lal
Filing Date	.INA	7)SUKUMAR Ramanujam
(62) Divisional to Application	:NA	8)PATIL Sanjay Vyankatrao
Number	:NA :NA	
Filing Date	.110	

(57) Abstract :

The present invention relates to analytical methods such as molecular weight determination of polypeptide in particular Glatiramer acetate. The present invention further relates to an improved process for preparation of polypeptides or pharmaceutically acceptable salts thereof particularly Glatiramer acetate also known as Copolymer 1. The present invention further relates to characterization of Glatiramer acetate by peptide mapping.

No. of Pages : 70 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CELLULAR COMMUNICATION SYSTEM UTILIZING UPGRADED MOVING RELAYS AND METHODS USEFUL IN CONJUNCTION 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 (62) Divisional to Application Number Filing Date 	:08/03/2012 :WO 2012/120510 :NA :NA :NA	 (71)Name of Applicant : 1)ELTA SYSTEMS LTD Address of Applicant :100 Yitzchak Hanassi Blvd. P.O.B. 330 77102 Ashdod Israel (72)Name of Inventor : 1)SHOSHAN Yaakov 2)SCHWARTZ Adi 3)KOIFMAN Gil
•		

(57) Abstract :

A moving cellular communication system comprising at least one upgraded moving relay including at least two base station functionalities and at least one mobile station functionality and a relay resource manager all co located wherein each base station functionality from among the at least two base station functionalities of the upgraded moving relay is operative to communicate via antennae with at least one mobile station thereby to define a first radio link therebetween and wherein each base station functionality has a connection to its co located relay resource manager wherein each mobile station functionality of the upgraded moving relay communicates via antennae with a unit which has base station functionality thereby to define at least one second radio link respectively wherein the relay resource manager in each individual moving relay comprises a radio resource manager; and functionality for exchanging information with relay resource managers is included in moving relays other than the individual moving relay.

No. of Pages : 78 No. of Claims : 53

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : APPARATUS AND METHODS FOR DYNAMIC SPECTRUM ALLOCATION IN SATELLITE COMMUNICATIONS

(51) International classification	:H04W72/00	(71)Name of Applicant :
(31) Priority Document No	:211663	1)ELTA SYSTEMS LTD
(32) Priority Date	:10/03/2011	Address of Applicant :100 Yitzchak Hanassi Blvd. P.O.B. 330
(33) Name of priority country	:Israel	77102 Ashdod Israel
(86) International Application No	:PCT/IL2012/050074	(72)Name of Inventor :
Filing Date	:05/03/2012	1)YANAI Yossef
(87) International Publication No	:WO 2012/120511	2)LEVY Ehud
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
11		
Filing Date	:NA	

(57) Abstract :

A communication system comprising Satellite Communication apparatus providing communication services to at least a first set of communicants the first set of communicants including a first plurality of communicants wherein the communication services are provided to each of the communicants in accordance with a spectrum allocation corresponding thereto thereby to define a first plurality of spectrum allocations apportioning a first predefined spectrum portion among the first set of communicants; and Dynamic Spectrum Allocation apparatus operative to dynamically modify at least one spectrum allocation corresponding to at least one of the first plurality of communicants without exceeding the spectrum portion.

No. of Pages : 35 No. of Claims : 39

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : AN IP BASED CELLULAR COMMUNICATION SYSTEM UTILIZING ADVANCED TUNNELS AND ENCAPSULATION METHODS USEFUL IN CONJUNCTION 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 (62) Divisional to Application Number Filing Date 	:08/03/2012 :WO 2012/120515 :NA :NA :NA	 (71)Name of Applicant : 1)ELTA SYSTEMS LTD Address of Applicant :100 Yitzchak Hanassi Blvd. PO Box 330 77102 Ashdod Israel (72)Name of Inventor : 1)SHERMAN Itay
Filing Date	:NA	

(57) Abstract :

A dynamic hierarchical cellular system implementing multi hop encapsulation wherein in at least one message destined for an individual base station functionality the individual base station functionality s header is encapsulated within an individual mobile station functionality s header so as to allow said message to be routed by said router to the individual base station functionality via the individual mobile station functionality.

No. of Pages : 80 No. of Claims : 58

(22) Date of filing of Application :14/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : AUTO CRUSTING MICROPOROUS ELASTOMER COMPOSITION FOR USE IN POLYURETHANE FOAM FILLED TIRE

(51) International classification	:C08G18/78,C08G18/66,C08G18/42	(71)Name of Applicant : 1)SHANDONG DONGDA INOV POLYURETHANE CO.
(31) Priority Document No	:201110148612.1	LTD.
(32) Priority Date	:03/06/2011	Address of Applicant :D#803 High & New Technology
(33) Name of priority country	y:China	Innovation Service Center No.135 Zhengtong Road Zibo
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:PCT/CN2012/000337 :19/03/2012	Development Zone Zibo Shandong 255086 China (72)Name of Inventor : 1)SUN Qingfeng 2)SUN Zhaoren 3)LUAN Sen 4)NIU Fugang
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to an auto crusting microporous elastomer composition for use in a polyurethane foam filled tire. The composition consists of constituent A and constituent B. Constituent A comprises polyether polyols polymeric polyols a crosslinking agent and/or a chain extender a foam stabilizer a catalyst and a foaming agent. Constituent B is an alcohol modified isocyanate where the mass content of NCO is between 18.0% and 20.0%. The mixing mass ratio between constituent A and constituent B is 100:70 to 100. A microporous elastomer material prepared from the composition material is provided with great mechanical properties and is allowed to replace an existing regular polyester shoe sole material in manufacturing the polyurethane foam filled tire.

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

(19) INDIA

(22) Date of filing of Application :17/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : GLUCOSYL	STEVIA COMPOSITIO	N
(51) International classification	:A23L1/236	(71)Name of Applicant :
(31) Priority Document No	:13/074179	1)PURECIRCLE USA INC.
(32) Priority Date	:29/03/2011	Address of Applicant :915 Harger Road Suite 250 Oak Brook
(33) Name of priority country	:U.S.A.	IL 60523 1492 U.S.A.
(86) International Application No	:PCT/US2011/033737	(72)Name of Inventor :
Filing Date	:25/04/2011	1)MARKOSYAN Avetik
(87) International Publication No	:WO 2012/134502	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract :		1

Glucosyl stevia compositions are prepared from steviol glycosides of Stevia rebaudiana Bertoni. The glucosylation was performed by cyclodextrin glucanotransferase using the starch as source of glucose residues. The short chain glucosyl stevia compositions were purified to >95% content of total steviol glycosides. The compositions can be used as sweetness enhancers flavor enhancers and sweeteners in foods beverages cosmetics and pharmaceuticals.

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

(19) INDIA

(22) Date of filing of Application :17/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : EGG COLLECTING MACHINE (71)Name of Applicant : (51) International :B65G47/57,A01K31/16,A01K43/00 1)HYTEM CO. LTD. classification (31) Priority Document No :NA Address of Applicant :2 10 Technoplaza Kakamigahara shi (32) Priority Date :NA Gifu 5090109 Japan (72)Name of Inventor : (33) Name of priority :NA 1)TSUBAI Yasushi country (86) International 2)BAN Kazuhito :PCT/JP2011/058706 Application No :06/04/2011 Filing Date (87) International Publication :WO 2012/137319 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to :NA Application Number :NA Filing Date

(57) Abstract :

Provided is an egg collecting machine (1) configured so that the rolling of hen eggs (3) toward a centralized egg collecting conveyor (7) is assisted in a roll out region (a) to save the labor of cleaning and maintenance work. The conveying and rolling device (8) of the egg collecting machine (1) is provided with: an endless conveyor (11) having at at least a part thereof a vertical path (\tilde{A}) and rotationally driven; a rotation support section (13) for supporting the rotation of the endless conveyor (11); hen egg placement sections (6) attached at equal intervals to the endless conveyor (11) and holding hen eggs (3) placed thereon; a roll out mechanism section (15) provided with a start point side roll out support section (37) and an end point side roll out support section (41) and changing the path of the endless conveyor (11) to an oblique path to tilt the hen egg placement sections (6) causing the hen eggs (3) to roll out; and discharge plates (16 17) provided so as to protrude from the end point side rotating shaft of the end point side roll out support section (41) the discharge plates (16 17) operating in association with the rotation of the end point side rotating shaft and making contact near the end point position with hen eggs (3) toward the centralized egg collecting conveyor (7).

No. of Pages : 29 No. of Claims : 2

(22) Date of filing of Application :18/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : AGENTS FOR ELIMINATING TUMOUR-INITIATING CELLS

(51) International classification	A61P 35/00	(71)Name of Applicant : 1)GODAVARI BIOREFINERIES LIMITED Address of Applicant (SOMAINA DIJAYAN) 45 (47)
(31) Priority Document No(32) Priority Date	:NA :NA	Address of Applicant :SOMAIYA BHAVAN, 45/47, MAHATMA GANDHI ROAD, FORT, MUMBAI-400001,
(32) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SANGEETA SRIVASTAVA
(87) International Publication No	:N/A	2)ANNETTE MARTIN
(61) Patent of Addition to Application Number	:NA	3)MAITHILI ATHAVALE
Filing Date	:NA	4)KEDAR SHUKRE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides agents useful for eliminating tumour initiating cells, compositions thereof, uses thereof and methods of using the same.

No. of Pages : 65 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :18/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : 'METHOD FOR PRODUCING STABLE, MONODISPERSED, NANOMETRIC MAGNESIUM HYDROXIDE AND RESULTING PRODUCT'.

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	NL/a/2006/000070 03/10/2006 Mexico PCT/MX2007/000045	 (71)Name of Applicant : 1)SERVICIOS ADMINISTRATIVOS PENOLES S.A. DE C.V. Address of Applicant :CALZADA MANUEL GOMEZ MORIN NO.444, COL. TORREON RESIDENCIAL, TORREON COAHUILA.C.P.27268, MEXICO (72)Name of Inventor : 1)MARTà NEZ MARTà NEZ Jesðs Manuel 2)BENAVIDES PEREZ, RICARDO 3)BOCANECERA POLAS, LOSE CERTIPUDIS
(62) Divisional to Application Number :	549/MUMNP/2009 19/03/2009	3)BOCANEGRA ROJAS, JOSE GERTRUDIS.

(57) Abstract :

The invention relates to a method for preparing nanometric particles of magnesium hydroxide, having an average diameter of between 90 and 110 nm or in the 20 to 160 nm range and having monodispersion characteristics and stability over periods longer than 12 months in a wide range of concentrations. The method comprises three phases, namely: a reaction phase performed in two steps, i.e. a first maturation step carried out in a micromixed zone and a second purification step involving stabilisation of the suspension; a second phase in which the particles are matured using a chemical-mechanical treatment; and a third phase which is designed to purify and concentrate the material and to prepare said material for integration into the desired medium. The particles obtained can be redispersed in different media, such as alkyd, phenolic, nitrocellulose, polyurethane, vinyl and acrylic resins, water, alcohols and a wide variety of organic materials and polymers such as high- and low-density polyethylene, nylon, ABS and/or mixtures thereof.

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

(19) INDIA

(22) Date of filing of Application :19/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : FRICTION MATERIAL				
(51) International classification(31) Priority Document No(32) Priority Date		 (71)Name of Applicant : 1)NISSHINBO BRAKE INC. Address of Applicant :31 11 Nihonbashi Ningyocho 2 chome 		
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:Japan :PCT/JP2012/001760 :14/03/2012 :WO 2012/127817	Chuo ku Tokyo 1038650 Japan (72)Name of Inventor : 1)YAMAMOTO Kazuhide 2)HATTORI Yasuki		
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA			

(57) Abstract :

[Problem] To provide a friction material having sufficient and stable braking power and mechanical strength for use in disk brake pads and brake shoes in automotive braking apparatuses. [Solution] A friction material not containing single metal elements or alloys wherein the friction material contains planar titanate having an average grain diameter of 10 to 50 μ m and hydrous magnesium silicate to a combined total of 20 to 30% by volume of the total weight of the friction material and the volume ratio of the planar titanate and hydrous magnesium silicate is from 12:1 to 5:1. It is also desirable that the average grain diameter of the planar titanate be from 20 to 40 μ m and that the planar titanate be potassium hexatitanate.

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

(19) INDIA

(22) Date of filing of Application :19/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : EXTENSION TELEPHONE MANAGEMENT SYSTEM METHOD FOR RUNNING EXTENSION TELEPHONE MANAGEMENT SYSTEM AND PROGRAM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04M3/00 :NA :NA :NA :PCT/JP2012/074916 :27/09/2012 :WO 2014/049782 :NA :NA :NA	 (71)Name of Applicant : 1)DENTSU KOGYO CO. LTD. Address of Applicant :K 11 BLDG. 5 11 2 Higashi Oi Shinagawa ku Tokyo 1400011 Japan (72)Name of Inventor : 1)ARIWAKA Nobuo
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(57) Abstract :

[Problem] When the operating state of a contract line representing an external line is changed without notification in a case in which a telephone communication system is built using extension telephones the operating state of the corresponding extension telephone also undergoes a change. In the prior art a problem was presented in that such a change in the operating state of an extension telephone was difficult to appropriately track and manage. [Solution] In order to resolve the above problem the present invention provides an extension telephone management system in which: an ID is assigned to an external line and whether the external line is operational or is out of operation is managed in association with the ID whereby the identity of the external line is recognized even when there is a change in the operating state and such a transition in various types of information about a line that accompanies a change in a line number such as the one described above is readily tracked and managed; and information about the correspondence between the extensions and the external lines is also stored the information indicating which of the external numbers can be used by the telephone apparatus that has been assigned an extension number whereby the operating state of the extension line that accompanies the change in the operating state of the external line can also be appropriately tracked and managed.

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

(22) Date of filing of Application :19/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR FEEDING THERMAL ENERGY INTO AN EXHAUST EMISSION CONTROL UNIT CONNECTED IN THE EXHAUST GAS SYSTEM OF AN INTERNAL COMBUSTION ENGINE

(51) International classification(31) Priority Document No(32) Priority Date	1 :F01N9/00,F01N3/025,F01N3/035 :10 2011 001 596.5 :28/03/2011	 (71)Name of Applicant : 1)HJS EMISSION TECHNOLOGY GMBH & CO. KG Address of Applicant :Dieselweg 12 58706 Menden Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication No 	:PCT/EP2012/055296 :26/03/2012 :WO 2012/130789	1)BAIER Bettina 2)MAURER Bernd 3)SCHREWE Klaus 4)NOACK Frank
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The invention relates to a method for feeding thermal energy into an exhaust emission control unit (2) connected in the exhaust gas system of an internal combustion engine by heating the exhaust gas flowing to the exhaust emission control unit (2). Said exhaust gas is heated to a SET temperature. In said method the exhaust gas discharged from the internal combustion engine is heated to the SET temperature by converting hydrocarbons (HCs) metered into the exhaust gas flow at two oxidation catalytic converters (7 10) series connected in the flow direction of the exhaust gas.

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

(19) INDIA

(22) Date of filing of Application :03/01/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESS TECHNOLOGY FOR SOY BUTTER.

(51) International classification		(71)Name of Applicant :
	A23L1/23	1)CENTRAL INSTITUTE OF AGRICULTURAL
(31) Priority Document No	:NA	ENGINEERING - INDIAN COUNCIL OF
(32) Priority Date	:NA	AGRICULTURAL RESEARCH (ICAR)
(33) Name of priority country	:NA	Address of Applicant :NABIBAGH, BERASIA ROAD,
(86) International Application No	:NA	BHOPAL 462 038 Madhya Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DIPIKA AGRAHAR MURUGKAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates with the development of process technology for soy butter from sprouted soybeans, which may be used as a high protein, cholesterol free spread/butter. The process has been developed by using sprouted soybeans as the start material for the production of soy butter. The first step is moisturizing whole soybeans for 1- 4 h with an amount of water at room temperature (20-35 °C) sufficient to increase the moisture content to around 50-60%, sprouting the beans for 40-72h at 20-35 °C at 80-95 % RH. The sprouted beans are then blanched for 5-20min, roasted at a temperature of I00-160°C for 60-120 min to volatilize the water in the said sprouted beans to produce a roasted soybean product. powdering the roasted soybean product to a very small particle size such that about 95% of the solids present in the said powdered product passes a 200 micron sieve followed by addition of 30-37% oil, 0.5-1% salt and 5-10% sugar. The soybean oil mixture is manually homogenized to get a smooth paste which can be used as a vegetable butter or spread.

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

(19) INDIA

(22) Date of filing of Application :19/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : HEATING MODULE FOR AN EXHAUST GAS PURIFICATION SYSTEM

(57) Abstract :

A heating module (1) for an exhaust gas purification system connected to the outlet of an internal combustion engine comprises a catalytic burner with an HC injector (14) and with an oxidation catalytic converter (12) positioned downstream of the HC injector (14) in the flow direction of the exhaust gas for supplying thermal energy to an exhaust gas purification unit of the exhaust gas purification system. It is provided here that the heating module (1) has a main section (2) a secondary section (3) which comprises the catalytic burner (12 14) and a device (4 5) for controlling the exhaust gas mass flow flowing through the secondary section (3). In a first embodiment the main section (2) has in the inlet region of the heating module (1) an overflow pipe portion (6) which has overflow openings (7) between which overflow diverting chambers (8) is situated parallel to the main section (2) of the heating module (1) the secondary section portion (11) with the oxidation catalytic converter (12). In another embodiment it is provided that the secondary section from the main section (2) between which diverting chambers (8) is situated parallel to the main section (2) of the heating module (1) the secondary section portion (11) with the oxidation catalytic converter (12). In another embodiment it is provided that the secondary section from the main section (2) between which diverting chambers (8) is situated parallel to the main section (2) of the heating module (1) the secondary section portion (11) with the oxidation catalytic converter (12).

No. of Pages : 36 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :20/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : LASER WELDING APPARATUS AND LASER WELDING METHOD

(51) International classification	:B23K26/08,B23K26/24	(71)Name of Applicant :
(31) Priority Document No	:2011-098801	1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) Priority Date	:26/04/2011	Address of Applicant :1 Toyota cho Toyota shi Aichi ken 471
(33) Name of priority country	:Japan	8571 Japan
(86) International Application No	:PCT/IB2012/000785	(72)Name of Inventor :
Filing Date	:20/04/2012	1)OGURA Shuhei
(87) International Publication No	:WO 2012/146965	2)KAWAKITA Atsushi
(61) Patent of Addition to Application	:NA	3)YUI Toshiki
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		•

(57) Abstract :

A laser welding apparatus generates laser by a laser oscillator converges the laser by a condenser lens and applies the laser to an upper sheet (101) and a lower sheet (102) superposed together so as to weld the upper sheet (101) and the lower sheet (102) to each other. According to this apparatus by laser irradiation a melt pool Y is formed in the upper sheet (101) and the lower sheet (102) superposed together. Furthermore by laser irradiation the melt pool Y is caused to flow and the upper sheet (101) and the lower sheet (102) are welded together.

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

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PREPARATION METHOD OF RIGID POLYURETHANE

(51) International classification	:C08G18/48,C08G18/76,C08G18/66	(71)Name of Applicant : 1)SHANDONG DONGDA INOV POLYURETHANE CO.
(31) Priority Document No	:201110330929.7	LTD.
(32) Priority Date	:27/10/2011	Address of Applicant :No.135 Zhengtong Road Development
(33) Name of priority country	y:China	Zone Zibo Shandong 255086 China
(86) International Application No Filing Date	:PCT/CN2012/000338 :19/03/2012	(72)Name of Inventor :1)CHEN Hailiang2)ZHANG, FANG
(87) International Publication	¹ :WO 2013/060088	3)CHEN, WEI 4)CHEN, YOULIANG
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is a preparation method of rigid polyurethane. A chain extender is heated at 100 110°C to melt and is mixed and reacts with a prepolymer with the mass ratio being 20 29.4:100. The mixing temperature is 60 75°C. The produce is poured into a mold and undergoes vulcanization at 100 110°C for 30 minutes before de molding. Finally the produce undergoes vulcanization at 90 110°C for 8 10 hours to obtain rigid polyurethane. In weight percent diisocyanate (24.5 50%) and polymer polyol (50 75.5%) react at 80 85°C for 2 3 hours so as to obtain the prepolymer with isocyanate accounts for 7 10%. The chain extender is an amine based chain extender. Therefore the problem of decreased product hardness incurred by intermolecular hydrogen bond breakage and decreased intermolecular forces when the rigid polyurethane is at high temperature is solved and rigid polyurethane with the Shore hardness greater than D60 at room temperature and the Shore hardness still greater than D50 at 80°C is obtained.

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

(19) INDIA

(22) Date of filing of Application :23/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND DEVICE FOR COUPLING A DC SUPPLY LINE TO A TELEPHONE LINE OR COAXIAL CABLE

(51) International classification (31) Priority Document No	n:H04B3/02,H04L25/02,H04L12/10 :AN2011A000029	(71)Name of Applicant : 1)A TLC S.R.L.
(32) Priority Date	:01/03/2011	Address of Applicant : Via G.B. Martini 2 I 00198 Roma RM
(33) Name of priority country	:Italy	Italy
(86) International Application No Filing Date	:PCT/IB2012/050974 :01/03/2012	(72)Name of Inventor : 1)MARCHETTI Stefano
(87) International Publication No	:WO 2012/117371	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A coupling device that implements a related method for remote powering wide band digital telecommunication devices through telephone lines or coaxial cables installed in all buildings has an AC blocking transistor inserted in the electrical path from a voltage supply line to the telephone line or coaxial cable. The transistor has a first current terminal coupled to the supply line and a second current terminal coupled to the telephone line and it is controlled with a DC control voltage such to keep it in a substantially linear functioning condition at the edge of a saturation condition during the normal functioning whatever the supply current that flows through the transistor is destined to the connected telecommunication devices. This may be done by properly generating this control voltage by means of a dedicated voltage generator or by nulHfying the DC component of the difference of potential between the control terminal and the second current terminal for example through a low pass filter that generates the voltage on the control terminal as a low pass replica of the voltage on the second current terminal.

No. of Pages : 34 No. of Claims : 10

(22) Date of filing of Application :23/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SILANE CROSSLINKABLE POLYMER 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 	 a: C08K5/54,C08L43/04,H01B7/00 :11161487.1 :07/04/2011 :EPO :PCT/EP2012/056296 :05/04/2012 :WO 2012/136775 :NA :NA :NA 	 (71)Name of Applicant : BOREALIS AG Address of Applicant :IZD Tower Wagramerstrasse 17 19 A (72)Name of Inventor : DAHLEN Kristian ANKER Martin NYLANDER Perry SULTAN Bernt Ake FAGRELL Ola
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(57) Abstract :

The invention is directed to a silane crosslinkable polymer composition which comprises a polyolefin (a) bearing hydrolysable silane group(s) containing units. The polymer composition is suitable for producing crosslinkable articles preferably one or more layers of a cable. The formed article preferably a cable is preferably crosslinked before the enduse thereof.

No. of Pages : 46 No. of Claims : 18

(22) Date of filing of Application :23/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SILANE CROSSLINKABLE POLYMER COMPOSITION

	n:C08L43/04,H01B3/44,C08L23/08	
(31) Priority Document No	:11161485.5	1)BOREALIS AG
(32) Priority Date	:07/04/2011	Address of Applicant :IZD Tower Wagramerstrasse 17 19 A
(33) Name of priority country	:EPO	1220 Vienna Austria
(86) International Application	DCT/ED2012/05/204	(72)Name of Inventor :
No	:PCT/EP2012/056294	1)DAHLEN Kristian
Filing Date	:05/04/2012	2)GKOURMPIS Thomas
(87) International Publication	WO 2012/12/772	3)SULTAN Bernt Ake
No	:WO 2012/136773	4)ANKER Martin
(61) Patent of Addition to		5)NYLANDER Perry
Application Number	:NA	6)FAGRELL Ola
Filing Date	:NA	7)LINDBOM Lena
(62) Divisional to Application		8)VERHEULE Bart
Number	:NA	
Filing Date	:NA	
1 ming Dute		

(57) Abstract :

The invention is directed to a silane crosslinkable polymer composition which comprises a polyolefin (a) bearing hydrolysable silane group(s) containing units. The polymer composition is suitable for producing crosslinkable articles preferably one or more layers of a cable. The formed article preferably a cable is preferably crosslinked before the enduse thereof.

No. of Pages : 53 No. of Claims : 18

(21) Application No.1722/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : RECEIVER MODULE FOR SOLAR POWER STATION WITH IN BUILT THERMAL MONITORING

(57) Abstract :

Receiver module (MR) to form a solar power station receiver said receiver module (MR) of longitudinal axis comprising a metal structure (4) and an absorber module (MA) the metal structure (4) defining a cavity (6) extending along the longitudinal axis and in the bottom of which the absorber module (MA) is housed said cavity (6) being provided with an opening intended to be oriented toward at least one mirror (2) of the solar power station said opening being flanked by two lateral portions (9) of the metal structure (4) running longitudinally one on each side of the cavity (6) said receiver module (MR) also comprising thermocouples (G D) (20) arranged on each of the portions (9) that are lateral with respect to the longitudinal axis (X) in order to detect a temperature difference between a reference temperature and two points of the metal structure (4) that are on opposite sides of the longitudinal axis.

No. of Pages : 32 No. of Claims : 16

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : DEVICES METHODS AND APPARATUSES FOR INFERRING A POSITION OF A MOBILE DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G01P13/00,G06F3/033,G06F3/01 :61/470001 :31/03/2011 :U.S.A. :PCT/US2012/031620 :30/03/2012	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor : 1)GROKOP Leonard Henry
(87) International Publication No	:WO 2012/135726	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Components methods and apparatuses are provided that may be used to characterize a spectral envelope of at least one signal received from one or more inertial sensors of a mobile device co located with a user engaged in an activity and to infer a position of the mobile device with respect to the user engaged in an activity based at least in part on the characterization of the spectral envelope.

No. of Pages : 39 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :24/09/2013

(43) Publication Date : 26/09/2014

(51) International classification	:D03D47/30	(71)Name of Applicant :
(31) Priority Document No	:BE 2011/0209	1)PICANOL
(32) Priority Date	:06/04/2011	Address of Applicant : Karel Steverlyncklaan 15 B 8900 Ieper
(33) Name of priority country	:Belgium	Belguim
(86) International Application No	:PCT/EP2012/054138	(72)Name of Inventor :
Filing Date	:09/03/2012	1)PEETERS Jozef
(87) International Publication No	:WO 2012/136442	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : AIR SUPPLY UNIT AND METHOD FOR APPLYING AN AIR SUPPLY UNIT

(57) Abstract :

The invention relates to an air supply unit (1) for supplying air to a blowing device (3) of an airjet weaving machine with a main body (2) comprising a main duct (4) for supplying air at a first pressure from an inlet (7) to an outlet (8) a secondary duct (9) for supplying air at a second pressure from an inlet (13) to the outlet (8) with a first air flow control valve (14) provided in the main duct (4) and with a second air flow control valve (20) provided in the secondary duct (9) wherein the secondary duct (9) ends in the main duct (4) downstream of the first air flow control valve (14) and wherein a non return valve (21) is provided in the secondary duct (9) downstream of the second air flow control valve (20). The invention further relates to a method for applying an air supply unit (1).

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

(19) INDIA

(22) Date of filing of Application :24/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SELF BINDING PIGMENT HYBRID			
 (54) Title of the invention : SELF BINDI (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 		 (71)Name of Applicant : 1)OMYA INTERNATIONAL AG Address of Applicant :Baslerstrasse 42 CH 4665 Oftringen Switzerland (72)Name of Inventor : 1)GANE, PATRICK A.C. 2)BURI Matthias 3)RENTSCH Samuel 4)BRIDY, JULIE 	
Filing Date	:NA		

(57) Abstract :

The present invention relates to a process for preparing self binding pigment particles from an aqueous mineral pigment material suspension having a solid content of 45 to 80 wt. % based on the total weight of the suspension.

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

(19) INDIA

(22) Date of filing of Application :24/09/2013

(43) Publication Date : 26/09/2014

(51) International classification :B01J35/02 (71)Name of Applicant : 1)PANASONIC CORPORATION (31) Priority Document No :2012-013728 (32) Priority Date :26/01/2012 Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka (33) Name of priority country :Japan 5718501 Japan :PCT/JP2012/002959 (72)Name of Inventor : (86) International Application No Filing Date :01/05/2012 1)MARUO Yuko (87) International Publication No :WO 2013/111199 2)INO Daisuke (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD FOR DECOMPOSING ORGANIC COMPOUND CONTAINED IN AQUEOUS SOLUTION

(57) Abstract :

Provided is a method for decomposing at least one of organic compound contained in an aqueous solution by using a titanium dioxide photocatalyst that is excellent in both photocatalytic activity and solid-liquid separation performance for water treatment. The method includes- a step of adding catalyst particles into the aqueous solution; a step of decomposing the organic compound by irradiating the aqueous solution with light having a wavelength of 200 nanometers or more and 400 nanometers or less while stirring the catalyst particles in the aqueous solution; and a step of stopping the stirring, and separating the catalyst particles from the aqueous solution by sedimentation. The catalyst particles are composed only of titanium dioxide particles and zeolite particles, the titanium dioxide particles are adsorbed on outer surfaces of the zeolite particles, the zeolite particles have a silica/alumina molar ratio of 10 or more, and the catalyst particles are contained in the aqueous solution at a concentration of 0.4 grams/liter or more and 16 grams/liter or less.

No. of Pages : 37 No. of Claims : 5

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : SOLAR ENERGY HEAT POWER GENERATING SYSTEM AND THERMOELECTRIC CONVERSION DEVICE THEREOF

(51) International classification(31) Priority Document No(32) Priority Date	:F02C1/00,F02C6/00 :201110197353.1 :14/07/2011	 (71)Name of Applicant : 1)XIANGTAN ELECTRIC MANUFACTURING CO. LTD Address of Applicant :No.302 Xiashesi Street Xiangtan Hunan
(33) Name of priority country	:China	411101 China
(86) International Application No		(72)Name of Inventor :
Filing Date	:26/04/2012	1)WANG Shuhui
(87) International Publication No	:WO 2013/007123	2)WANG Minhui
(61) Patent of Addition to Application	:NA	3)ZHANG Yuelei
Number	:NA	4)MOU Mi
Filing Date		5)LI Yueying
(62) Divisional to Application Number	:NA	6)MA Yingzhao
Filing Date	:NA	

(57) Abstract :

A solar energy heat power generating system and thermoelectric conversion device thereof the thermoelectric conversion device comprising a power generator (5) an air compressor a turbine and an intermediate body (12) fixedly connected between the air compressor and the turbine; the interior of the intermediate body (12) is rotatably connected to a transmission shaft (28); the transmission shaft (28) is fixedly connected to the rotating shaft of the power generator (5); the air compressor impeller (7) of the air compressor and the turbine impeller (18) of the turbine are both installed on the transmission shaft (28); the power generator (5) is also connected to a conducting wire (3) for inputting current; the solar energy heat power generating system comprises a heat collector and the turbine is located downstream of the heat collector.

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

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR ACCESSING THE OUTER SURFACE OF WIND TURBINE TOWERS AND DEVICE FOR USE WITH THIS 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 	:02/03/2012	 (71)Name of Applicant : 1)INNEO TORRES S.L. Address of Applicant :Orense 12 1° E 28020 Madrid Spain (72)Name of Inventor : 1)FERNà NDEZ GÃMEZ Miguel à ngel 2)JIMENO CHUECA Josà Emilio
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Method for accessing the outer surface of wind turbine towers comprising the following steps: attaching an external peripheral rail on the outer surface of the tower; making an orifice above said rail; arranging a working platform on the base of the tower; inserting a cable reel in the orifice; raising the platform by driving the cable reel until it is near the peripheral rail; arranging means for suspension and horizontal displacement on the horizontal rail; connecting the platform to said means for suspension and horizontal displacement and displacing the platform as needed.

No. of Pages : 29 No. of Claims : 17

(22) Date of filing of Application :24/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR MULTIPLE SIMULTANEOUS GROUP COMMUNICATIONS IN A WIRELESS 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 	:H04L29/06, H04W84/08, H04W4/10 :11/357,267 :17/02/2006 :U.S.A. :PCT/US2007/062045 :13/02/2007 :WO/2007/098331	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn: International IP Administration, 5775 Morehouse Drive, San Diego, California 92121-1714, United States of America (72)Name of Inventor : 1)REICH, Jason, Anthony 2)CROCKETT, Douglas, Marion
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filed on	:1634/MUMNP/2008 :30/07/2008	

(57) Abstract :

A system and method enable a wireless device to support simultaneously multiple push-to-talk (PTT) communications and interrupt certain PTT communication with higher priority ones. A user (302) subscribes to multiple PTT communication groups (314, 316) and designates one of the groups as the primary group. The wireless device receives and plays PTT communications from the multiple PTT communication groups and interrupts playing of a PTT communication from a non-primary group if a PTT communication is received from the primary PTT communication group.

No. of Pages : 31 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :24/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PRODRUGS OF D ISOGLUTAMYL [D/L] TRYPTOPHAN

(51) International classification	:C07D209/20,A61K38/05,A61K9/72	(71)Name of Applicant : 1)APOTEX TECHNOLOGIES INC.
(31) Priority Document No	:61/470467	Address of Applicant :150 Signet Drive Toronto Ontario M9L
(32) Priority Date	:31/03/2011	1T9 Canada
(33) Name of priority	:U.S.A.	(72)Name of Inventor :
country	10.5.11.	1)TAM Tim Fat
(86) International	:PCT/CA2012/000304	2)LEUNG TOUNG Regis
Application No	:30/03/2012	3)WANG Yingsheng
Filing Date		4)ZHAO Yanqing
(87) International Publication	ⁿ .WO 2012/120671	5)XIN Tao
No	WO 2012/129071	6)LI Wanren
(61) Patent of Addition to	NT A	7)WODZINSKA Jolanta Maria
Application Number	:NA	8)RABADIA Vrajlal S.
Filing Date	:NA	9)FEENEY Christopher John
(62) Divisional to	N7.4	
Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided are carboxylic ester derivatives of formula (I) methods of preparing them and methods for using them. These compounds are prodrugs of D isoglutamyl [D/L] tryptophan. The bioconversion of some of the prodrugs to the parent drug D isoglutamyl D tryptophan (or) was tested in human hepatocytes and in human blood. pharmacokinetic studies following oral administration of some of the prodrugs to rats are also reported.

No. of Pages : 95 No. of Claims : 53

(19) INDIA

(22) Date of filing of Application :14/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : POLYETHER ESTER POLYOL AND USAGE THEREOF

 (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 (63) Divisional to (64) Patent of Addition to (65) Divisional to (65) Divisional to (66) Divisional to (66) Divisional to (66) Divisional to (66) Divisional to (67) Divisional to (68) Divisional to (69) Divisional to (60) Divisional to (61) Patent of Number (62) Divisional to (63) Divisional to (64) Patent of Pat	 (71)Name of Applicant : 1)SHANDONG DONGDA INOV POLYURETHANE CO. LTD. Address of Applicant :D#803 High & New Technology Innovation Service Center No.135 Zhengtong Road Zibo Development Zone Zibo Shandong 255086 China (72)Name of Inventor : 1)LI Jian 2)CHEN Hailiang 3)LIU Zhaoyang
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(57) Abstract :

Disclosed are a polyether ester polyol and usage thereof. The polyether ester polyol having a molecular weight of 1000 2000is prepared by a condensation reaction of a polypropylene oxide polyether polyol having a molecular weight of 400 1000 a dibasic acid and a low molecular diol under a certain reaction condition. The polyether ester polyol thus prepared is mixed with a diisocyanate and reacted under a temperature range of from 75 to 85 for three hours then the air bubbles are removed from the mixture under vacuum to obtain a polyurethane prepolymer. A polyurethane elastomeric article is produce by the reaction of the polyurethane prepolymer and an aromatic diamine curing agent. The polyether ester polyol thus produced has ester bonds and also ether bonds and is terminated by primary hydroxyl group so has a high reactivity. The polyurethane elastomeric article made from the polyether ester polyol has both the excellent mechanical properties of polyester polyurethane product and the excellent hydrolysis resistance properties of polyether polyurethane product.

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

(22) Date of filing of Application :14/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MICROPOROUS POLYURETHANE ELASTOMER COMPOSITION WITH EXCELLENT DYNAMIC PERFORMANCE AND METHOD FOR PREPARING SAME

(32) Priority Date:23/12/2011(33) Name of priority country:China	 1)SHANDONG DONGDA INOV POLYURETHANE CO. LTD. Address of Applicant :D# 803 High & New Technology Innovation Service Center No.135 Zhengtong Road Zibo Development Zone Zibo Shandong 255086 China (72)Name of Inventor : LI Jian SUN Qingfeng SUN Zhaoren
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(57) Abstract :

The present invention relates to the preparation of a microporous polyurethane elastomer composition with excellent dynamic performance consisting of a component A and a component of modified isocyanate. The component A comprises a polymer of polyol a chain extender a foaming agent a catalyst A a catalyst B a foam stabiliser and an anti oxidant. The present invention has the following advantages: (1) the present invention is a microporous polyurethane elastomer material prepared by semi prepolymerisation and the two groups of fractional materials have similar viscosity and mixed mass ratio a low mixture temperature; the materials are easy to mix and the conditions for controlling the process are simple and easy to operate. (2) The microporous polyurethane elastomer material prepared from the composition provided by the present invention has a ratio of dynamic to static stiffness of =1.35 an impact resilience of =75% a rate of change in size of =20% without damage to appearance after 3 million fatigue tests and can be used in the preparation of high performance products such as vibration damping blocks for high speed railways and vibration damping elements in vehicles.

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

(22) Date of filing of Application :25/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : NOVEL SUBSTITUTED TRIAZOLYL PIPERAZINE AND TRIAZOLYL PIPERIDINE DERIVATIVES AS GAMMA SECRETASE MODULATORS

(51) International classification	:C07D249/10,A61K31/4196	(71)Name of Applicant :
(31) Priority Document No	:11159639.1	1)JANSSEN PHARMACEUTICALS INC.
(32) Priority Date	:24/03/2011	Address of Applicant :1125 Trenton Harbourton Road
(33) Name of priority country	:EPO	Titusville NJ 08560 U.S.A.
(86) International Application No	:PCT/EP2012/055079	2)CELLZOME LIMITED
Filing Date	:22/03/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/126984	1)BISCHOFF François Paul
(61) Patent of Addition to Applicatio	n.NA	2)VELTER Adriana Ingrid
Number	:NA :NA	3)VAN BRANDT Sven Franciscus Anna
Filing Date	.INA	4)BERTHELOT Didier Jean Claude
(62) Divisional to Application	:NA	
Number	:NA :NA	
Filing Date	.1 1/ 1	

(57) Abstract :

The present invention is concerned with novel substituted triazolyl piperazine and triazolyl piperidine derivatives of Formula (I) wherein R R R R R R X Y Y L and L have the meaning defined in the claims. The compounds according to the present invention are useful as gamma secretase modulators. The invention further relates to processes for preparing such novel compounds pharmaceutical compositions comprising said compounds as an active ingredient as well as the use of said compounds as a medicament.

No. of Pages : 68 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :16/09/2013

(43) Publication Date : 26/09/2014

(51) International classification	:A41C3/00,A41C3/12	(71)Name of Applicant :
(31) Priority Document No	:61/446278	1)THOMPSON Elizabeth Chabner
(32) Priority Date	:24/02/2011	Address of Applicant :20 Kensington Road Scarsdale NY
(33) Name of priority country	:U.S.A.	10583 U.S.A.
(86) International Application No	:PCT/US2012/025221	(72)Name of Inventor :
Filing Date	:15/02/2012	1)THOMPSON Elizabeth Chabner
(87) International Publication No	:WO 2012/115834	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : RADIATION TREATMENT BRASSIERE

(57) Abstract :

A radiation treatment bra and method for its use are disclosed. In the illustrative embodiment the bra includes adjustable elements (110 112 114) and a medial window (108). During radiation treatment planning the elements (110 112 114) are adjusted to establish a reference breast geometry. The reference breast geometry is reproduced prior to an actual treatment session by repeating the original adjustment of the elements as necessary. The medial window (108) enables a light field to be projected onto the patient s chest and read therefrom thereby establishing proper alignment of the patient to the radiation treatment machine.

No. of Pages : 38 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :16/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESS FOR PREPARING SELF BINDING PIGMENT 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 Filing Date (62) Divisional to Application Number Filing Date 	:C09C1/02,D21H17/00 :11160900.4 :01/04/2011 :EPO :PCT/EP2012/055053 :22/03/2012 :WO 2012/130702 :NA :NA :NA :NA	 (71)Name of Applicant : 1)OMYA INTERNATIONAL AG Address of Applicant :Baslerstrasse 42 CH 4665 Oftringen Switzerland (72)Name of Inventor : 1)BRIDY, JULIE 2)BURI Matthias 3)RENTSCH Samuel 4)MEUWLY Julie
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(57) Abstract :

The present invention relates to a process for preparing self binding pigment particles from an aqueous mineral pigment material suspension having a solid content of 45 to 80 wt. % based on the total weight of the suspension.

No. of Pages : 35 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :26/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CLINKER SUBSTITUTE BASED ON CALCINED CLAY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority 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/EP2012/053120 :24/02/2012 :WO 2012/126696 :NA :NA	 (71)Name of Applicant : 1)OUTOTEC OYJ Address of Applicant :Riihitontuntie 7 FI 02200 Espoo Finland (72)Name of Inventor : 1)GASAFI Edgar 2)MISSALLA Michael
	:NA :NA	

(57) Abstract :

This invention relates to a clinker substitute methods for producing the same the use thereof construction materials such as cement mortar and concrete containing the clinker substitute and methods for producing these construction materials.

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

(19) INDIA

(22) Date of filing of Application :26/09/2013

(43) Publication Date : 26/09/2014

(51) International classification	:A61M29/02	(71)Name of Applicant :
(31) Priority Document No	:61/472950	1)SANOVAS INC.
(32) Priority Date	:07/04/2011	Address of Applicant :2597 KERNER BLVD., SAN
(33) Name of priority country	:U.S.A.	RAFAEL, CA 94901, UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2012/032747	(72)Name of Inventor :
Filing Date	:09/04/2012	1)GUNDAY Erhan H.
(87) International Publication No	:WO 2012/154358	2)GERRANS Lawrence J.
(61) Patent of Addition to Application	:NA	3)CHU Lon
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract		·

(54) Title of the invention : ELECTRICALLY CONDUCTIVE BALLOON CATHETER

(57) Abstract :

A balloon catheter having a mesh affixed thereto. The mesh is formed having members extending longitudinally and circumferentially about the balloon into columns and rows respectively. Each member of the mesh has a resistance or impedance that changes as the member is deformed such that when the member comprises a length (L) a measured resistance or impedance will be different than when the member comprise a length (L) where L is greater than L.

No. of Pages : 37 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :26/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ANATOMIC	AL VISUALIZATION W	TITH ELECTRICALLY CONDUCTIVE BALLOON CATHETER
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B5/103 :61/472950 :07/04/2011 :U.S.A. :PCT/US2012/032736 :09/04/2012 :WO 2012/139102 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SANOVAS INC. Address of Applicant :2597 KERNER BLVD., SAN RAFAEL, CA 94901, UNITED STATES OF AMERICA (72)Name of Inventor : 1)GUNDAY Erhan H. 2)GERRANS Lawrence J. 3)CHU Lon

(57) Abstract :

A balloon catheter for providing a 3 dimensional rendering of the interior of a cavity the catheter system including a controller a catheter connected to the controller and a balloon positioned on the catheter. The balloon includes a mesh having members extending longitudinally and circumferentially about the balloon where each member of the mesh has an electrical characteristic that changes as the member is deformed. The controller uses a measurement of the variable electrical characteristic to generate a three dimensional rendering of an interior surface of the cavity which can be rotating to different viewing angles.

No. of Pages : 39 No. of Claims : 47

(19) INDIA

(22) Date of filing of Application :26/09/2013

:NA

:NA

:NA

:NA

(43) Publication Date : 26/09/2014

(54) Title of the invention : FLUIDIC CENTRIPETAL DEVICE :G01N1/34,C12M1/10,C12M1/38, (71)Name of Applicant : (51) International classification c12q1/00 1)UNIVERSITÉ LAVAL (31) Priority Document No :61/450373 Address of Applicant :2325 rue de lUniversità QuÃbec QC (32) Priority Date :08/03/2011 G1V 0A6 Canada 2)GENEPOC INC. (33) Name of priority country :U.S.A. (86) International Application (72)Name of Inventor : :PCT/IB2012/051076 No 1)PEYTAVI RÃgis :07/03/2012 2)CHAPDELAINE SÃbastien Filing Date (87) International Publication :WO 2012/120463 No (61) Patent of Addition to

Filing Date (57) Abstract :

Number

Application Number

Filing Date

(62) Divisional to Application

A fluidic centripetal apparatus for testing components of a biological material in a fluid is presented. The fluidic centripetal device is adapted to be received within a rotatable holder. The apparatus comprises a fluidic component layer having fluidic features on at least a front face and a bottom component layer bonded to a rear of the fluidic component layer thereby creating a fluidic network through which the fluid flows under centripetal force. In one embodiment the fluidic feature may be a bottom fillable chamber coupled to an entry channel for receiving the fluid the chamber inlet being provided at an outer side of the bottom fillable chamber. In another embodiment the fluidic feature may be a retention chamber coupled to an entry channel for receiving the fluid a containing a liquid diluent the container maintaining the liquid diluent in the container until it releases it in the retention chamber upon application of an external force to the container thereby restoring the fluidic connection between the liquid diluent and the fluid in the retention chamber. Additionally the retention chamber can have a flow decoupling receptacle for receiving the fluid located at the outer side of the retention chamber and interrupting a fluidic connection between the entry and exit of the retention chamber. A test apparatus and a testing method using a fluidic centripetal device for testing components of a biological material in a fluid are also provided.

No. of Pages : 106 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :17/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PYRETHRIN BASED REPELLANT

(51) International classification	:A01N25/06,A01N53/00,A01P17/00	(71)Name of Applicant : 1)S. C. JOHNSON & SON INC.
(31) Priority Document No	:13/070744	Address of Applicant :1525 Howe Street Racine WI 53403
(32) Priority Date	:24/03/2011	UNITED STATES OF AMERICA
(33) Name of priority country:U.S.A.		(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2012/030094 :22/03/2012	1)PALKKI Kent M. 2)MUNAGAVALASA Murthy S.
(87) International Publication	ⁿ :WO 2012/129387	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed herein are insect repellant formulations and dispensing systems which avoid the need for synergists while still using highly effective pyrethrin repellant compounds. The formulations preferably are presented in aerosol form. Also disclosed are methods for spraying such formulations.

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

(22) Date of filing of Application :17/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CARRIER FOR INTERNAL COMBUSTION ENGINE EXHAUST GAS PURIFICATION CATALYST

(51) International classification:B01J23/10,B01D53/86,B01J32/00		(71)Name of Applicant :
(31) Priority Document No	:2011-096603	1)MITSUI MINING & SMELTING CO. LTD.
(32) Priority Date	:22/04/2011	Address of Applicant :1 11 1 Osaki Shinagawa ku Tokyo
(33) Name of priority country	:Japan	1418584 Japan
(86) International Application	:PCT/JP2011/074189	(72)Name of Inventor :
No	:20/10/2011	1)NAKAHARA Yuunosuke
Filing Date	.20/10/2011	2)WAKABAYASHI Takashi
(87) International Publication	:WO 2012/144098	3)IMADA Yasunori
No		4)HOUSHITO Ohki
(61) Patent of Addition to	:NA	5)NAGAO Yuki
Application Number	:NA	6)SAKAUE Takahiko
Filing Date	.1 17 1	7)NARA Akihiro
(62) Divisional to Application	:NA	8)AOKI Shinji
Number	:NA	
Filing Date	.1 1/2 1	

(57) Abstract :

A carrier for an internal combustion engine exhaust gas purification catalyst wherein CeO is supported on the surface of a core material comprising a CeO ZrO solid solution or a core material comprising a CeO ZrO LaO solid solution. The amount of CeO in the core material is 5% 35% by mass of the carrier mass the amount of LaO in the core material is 0% 10% by mass of the carrier mass and the amount of CeO supported on the surface of the core material is 5% -17% by mass of the carrier mass.

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

(19) INDIA

(22) Date of filing of Application :26/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PRODUCING A THREE DIMENSIONAL OBJECT AND STEREOLITHOGRAPHY MACHINE EMPLOYING SAID METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:B29C67/00 :VI2011A000099 :20/04/2011 :Italy :PCT/IB2012/000776 :19/04/2012 :WO 2012/143786 :NA :NA	 (71)Name of Applicant : 1)DWS S.R.L. Address of Applicant :Via Lago di Levico 3 I 36010 Zane (VI) Italy (72)Name of Inventor : 1)COSTABEBER Ettore Maurizio
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention is a method for producing a three dimensional object (11) in layers by means of a stereolithography machine (1) comprising: a container (2) containing a fluid substance (3) suited to solidify through exposure to predefined radiation (4a); means (4) suited to emit the predefined radiation (4a) and to solidify a layer of the fluid substance (3) adjacent to the bottom (2a) of the container (2); a modelling plate (5) suited to support the solidified layer (6) and associated with actuator means (7) suited to move it perpendicular to the bottom (2a) of the container (2); levelling means (8) arranged in contact with the fluid substance (3). The method comprises the following operations: selectively irradiating the layer of fluid substance (3) to obtain the solidified layer (6); extracting the solidified layer (6) from the fluid substance (3); redistributing the fluid substance (3) in the container (2) by moving the levelling means (8) so that they are passed between the modelling plate (5) and the container (2).

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

(19) INDIA

(22) Date of filing of Application :26/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : USE OF VINASSE IN THE PROCESS OF SACCHARIFICATION OF LIGNOCELLULOSIC BIOMASS

(51) International classification	:C12P19/02,C12P7/10,C12S3/00	
(31) Priority Document No	:PI 1101295-1	1)CTC CENTRO DE TECNOLOGIA CANAVIEIRA S.A
(32) Priority Date	:30/03/2011	Address of Applicant :Fazenda Santo Antônio s/n Bloco 01
(33) Name of priority country	:Brazil	CEP 13400 970 Santo Antônio SP Brazil
(86) International Application No:PCT/BR2012/000056		(72)Name of Inventor :
Filing Date	:05/03/2012	1)GALVÃfO CÃlia Maria Araújo
(87) International Publication No :WO 2012/129622		2)TEODORO Juliana Conceição
(61) Patent of Addition to	:NA	3)ANDRADE Liliane Pires
Application Number		4)TOME Josà Augusto Travassos Rios
Filing Date	:NA	5)NETO Oswaldo Godoy
(62) Divisional to Application	:NA	
Number		
Filing Date	:NA	

(57) Abstract :

The present invention relates to the use of vinasse in the process of saccharification/fermentation of lignocellulosic biomass independently of the form the biomass is in and independently of the intended use for the final hydrolysed broth produced. More specifically the present invention describes the beneficial effect that vinasse has on the process of saccharification of lignocellulosic biomass since said vinasse has among other features the ability to act as a buffer in the reaction medium particularly when such process occurs via an enzymatic route but not limited to same independently of the type of biomass that is being used and the type of pretreatment to which said biomass was submitted. The present invention further relates to fermentation processes such as ethanol production comprising the use of vinasse as a source of nutrients for example nitrogen (N) for the growth of microorganisms but not limited to same. The present invention is situated within the field of chemical engineering.

No. of Pages : 24 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :17/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MULTI RAD	IO COEXISTENCE	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W72/12 :61/469784 :30/03/2011 :U.S.A. :PCT/US2012/031198 :29/03/2012 :WO 2012/135491 :NA :NA :NA :NA	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :5775 Morehouse Drive Attn: International IP Administration San Diego California 92121 U.S.A. (72)Name of Inventor : 1)WANG Jibing 2)LINSKY Joel Benjamin

(57) Abstract :

In a mobile device capable of wireless communications using multiple radio access technologies (RATs) transmit communications of one RAT may cause interference with receive communications of another RAT. In the case of wireless local area network (WLAN) communications a CTS to Self message may control the timing of WLAN communications such that WLAN receptions do not overlap with transmissions of another RAT such as a Long Term Evolution (LTE) radio. The CTS to Self message timing control may be executed by a mobile device operating as a WLAN access point.

No. of Pages : 43 No. of Claims : 20

(22) Date of filing of Application :17/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND DEVICE FOR PROVIDING HEAT AND CARBON DIOXIDE TO VEGETABLES AND/OR ALGAE USING POWER STATION FLUE 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 N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:NA :NA :NA	 (71)Name of Applicant : 1)SUNSHINE KAIDI NEW ENERGY GROUP CO. LTD Address of Applicant :Kaidi Building T1 Jiangxia Avenue East Lake Hi Tech Development Zone Wuhan Hubei 430223 China (72)Name of Inventor : 1)CHEN Yilong 2)HU Shuchuan 3)ZHANG Yanfeng
	:NA :NA	

(57) Abstract :

Disclosed are a method and a device for providing heat and carbon dioxide to vegetables and/or algae using power station flue gas. The method comprises the steps of: introducing the flue gas into a first stage heat exchange station (5) to carry out a first heat exchange with air and provide hot air to a vegetable greenhouse (6) and/or an algae cultivation room (9); introducing a part of the flue gas which has experienced cooling in the first stage heat exchange station into a second stage heat exchange station (12) to carry out a second heat exchange with air and cool the flue gas temperature to an extent suitable for extracting carbon dioxide; extracting carbon dioxide from the flue gas and supplying the carbon dioxide into the vegetable greenhouse and/or the microalgae carbon absorbing pool of the algae cultivation room. The device mainly consists of a flue gas delivery pipe (4) connected to a flue gas induced draught fan (3) the first stage heat exchange station (5) a flue gas returning pipe (1) connected to a chimney the second stage heat exchange station (12) a CO pressure swing adsorption device (14) and a CO gas storage tank (16) etc. It reduces energy waste and environmental pollution due to direct emission by means of comprehensive utilization of the flue gas at the same time solves the difficult problem that the yield of vegetables and/or algae is insufficient in winter.

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

(22) Date of filing of Application :26/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : VACUUM ASSISTED RESIN TRANSFER MOLDING PROCESS AND APPARATUS WITH **REUSABLE RESIN DISTRIBUTION LINE**

 (86) International Application No Filing Date (87) International Publication No 	:U.S.A. :PCT/US2012/029067 :14/03/2012 :WO 2012/129028	20817 U.S.A. (72)Name of Inventor : 1)MILLER Alan K. 2)ROSARIO Theodore
(87) International Publication No (61) Patent of Addition to Application	:WO 2012/129028	
Number	:NA :NA	
(62) Divisional to Application Number	:NA :NA	

(57) Abstract :

A method and apparatus for a reusable resin distribution line for use in conjunction with a resin transfer molding apparatus is disclosed. The apparatus includes a soft tool (712) and a hard tool (712) (i.e. mold). Two inflatable bladders (562) are disposed on a side of the soft tool wherein a bridge (764) spans the bladders. The soft tool is coupled to the bridge. When the bladders are inflated the bridge moves away from the hard tool drawing the soft tool away from the hard tool in the region between the bladders. This creates a temporary passage or reusable resin distribution line for distributing resin to a reinforcement constituent disposed between the soft tool and the hard tool.

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

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : USE OF SUBSTITUTED DITHIINE DICARBOXIMIDES FOR COMBATING PHYTOPATHOGENIC FUNGI

 (51) International classification (31) Priority Document N (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:15/04/2011 :U.S.A. :PCT/EP2012/056430 :10/04/2012 :WO 2012/140001	 (71)Name of Applicant : 1)BASF SE Address of Applicant :67056 Ludwigshafen Germany (72)Name of Inventor : 1)GRAMMENOS Wassilios 2)RIGGS Richard 3)BOUDET Nadege 4)DIETZ Jochen 5)HADEN Egon 6)FEHR Marcus
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(57) Abstract :

The present invention relates to the use of dicarboximide derivatives of formula (I) as defined in the description and the N oxides and salts thereof for combating harmful fungi and seed coated with at least one such compound. The invention also relates to novel dicarboximide derivatives processes and intermediates for preparing these compounds and also to compositions comprising at least one such compound.

No. of Pages : 54 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :18/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHODS OF MONITORING AND ANALYZING METABOLIC ACTIVITY PROFILES DIAGNOSTIC AND THERAPEUTIC USES OF 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 	:G01N33/50 :61/472213 :06/04/2011 :U.S.A. :PCT/IL2012/050125 :04/04/2012 :WO 2012/137207 :NA :NA :NA :NA	 (71)Name of Applicant : 1)RAMOT AT TEL AVIV UNIVERSITY LTD. Address of Applicant :P.O. Box 39296 6139201 Tel Aviv Israel (72)Name of Inventor : 1)TIROSH Reuven 2)PATOLSKY Fernando 3)PERETZ SOROKA Hagit
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(57) Abstract :

A method of measuring a metabolic activity (MA) of a cell is provided. The method comprising independently measuring in an extracellular environment of the cell time dependent acidification profiles due to secretion of: (i) non volatile soluble metabolic products; (ii) non volatile soluble metabolic products and volatile soluble metabolic products; and (iii) volatile soluble metabolic products; wherein at least one of the time dependent acidification profiles is indicative of the metabolic activity of the cell. Also provided are clinical methods which make use of the assay.

No. of Pages : 76 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :19/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MOISTURE CURABLE SILYLATED POLYMER COMPOSITIONS WITH IMPROVED ADHESION TO CONCRETE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 		 (71)Name of Applicant : 1)MOMENTIVE PERFORMANCE MATERIALS INC. Address of Applicant :260 HUDSON RIVER ROAD, WATERFORD, NEW YORK 12188, UNITED STATES OF AMERICA (72)Name of Inventor : 1)HUANG Misty W. 2)NESHEIWAT Jeries I.
(87) International Publication No	:WO 2012/135443	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:NA :NA	
Number Filing Date	:NA	

(57) Abstract :

A moisture curable resin composition comprising (a) at least one moisture curable polymer having at least one hydrolysable silyl group; (b) at least one hydrocarbylalkoxysilane; and (c) at least one silane adhesion promoter containing a glycidoxy group. The composition may also contain additives including a catalyst for catalyzing the reaction between the moisture curable polymer having at least one hydrolysable silyl group (a) with water under curing conditions a filler a plasticizer and combinations thereof. The moisture curable resin composition is useful in the production of adhesives sealants and coatings for use in primerless concrete applications.

No. of Pages : 39 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :19/09/2013

(43) Publication Date : 26/09/2014

(51) International classification(31) Priority Document No(32) Priority Data	:A61F9/007, A61B 17/00 :NA	(71)Name of Applicant : 1)GRIESHABER OPHTHALMIC RESEARCH FOUNDATON
(32) Priority Date(33) Name of priority country(86) International Application No	:NA :NA :PCT/EP2011/052683	Address of Applicant :c/o Pricewaterhouse Coopers AG Neumarkt 4/ Kornhausstrasse 26 CH 9001 St. Gallen Switzerland (72) Name of Inventor :
Filing Date (87) International Publication No	:23/02/2011 :WO 2012/113450	1)GRIESHABER Hans R. 2)GRIESHABER Matthias 2)STECMANN Babart
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)STEGMANN Robert
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : IMPLANT FOR TREATING GLAUCOMA

(57) Abstract :

The invention relates to a tube designed as an implant to be inserted into the Schlemm s canal of an eye the Schlemm s canal being exposed at least at one point and mechanically stretched for example in the circumferential direction. The elongate tube which can be inserted into the stretched Schlemm s canal (15) has a plurality of first openings (38) which are arranged at a distance from each other in the axial direction and which are connected to the trabecular tissue (18) the interior (30) of the tube and the aqueous veins (20) of the episcleral venous system and which are spaced by spaced by ring parts (29) and a segment part (27) which is oriented in the axial direction and which is circular arc shaped according to the profile cross section of the tube and which has a plurality of openings (28) arranged at a distance from each other. In order to achieve the natural trans trabecular aqueous humor drainage the tube (25.4) is inserted into the Schlemm s canal (15) in such a way that either the second openings (28) of the segment part (27) are connected to the trabecular tissue (10) of the individual aqueous veins (20) or the segment part (27) and the second openings (28) are associated with the trabecular tissue (18).

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

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : USE OF SUBSTITUTED DITHIINE TETRACARBOXIMIDES FOR COMBATING PHYTOPATHOGENIC FUNGI

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A01N45/90,A01P5/00 :61/475693 :15/04/2011	 (71)Name of Applicant : (71)Name of Applicant : (72)Name of Inventor : (72)Name of Invento
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(57) Abstract :

The present invention relates to the use of dithiine tetracarboximide compounds of formula I as defined in the description and the N oxides and salts thereof for combating harmful fungi and seed coated with at least one such compound. The invention also relates to novel dithiine tetracarboximides processes and intermediates for preparing these compounds and also to compositions comprising at least one such compound.

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

(22) Date of filing of Application :05/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PRODUCING DIAMINE 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 (62) Divisional to Application Number Filing Date 	:C07C303/40,C07C309/73,C07C311/05 :2011-101528 :28/04/2011 :Japan :PCT/JP2012/061445 :27/04/2012 :WO 2012/147944 :NA :NA :NA	 (71)Name of Applicant : 1)TAKASAGO INTERNATIONAL CORPORATION Address of Applicant :37 1 Kamata 5 chome Ota ku Tokyo 1448721 Japan (72)Name of Inventor : 1)TOUGE Taichiro 2)HAKAMATA Tomohiko 3)NARA Hideki
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(57) Abstract :

The present invention provides a method for producing a compound represented by general formula (1) (wherein R R R R R A A n and n are as defined in the description) which is characterized by reacting a compound represented by general formula (2) (wherein R R A A n n and B are as defined in the description) with a diamine compound represented by general formula (3) (wherein R R are as defined in the description). The present invention is a method for producing a diamine compound which is useful for the formation of a ruthenium diamine complex under mild conditions said method being able to be put in industrial practice.

No. of Pages : 58 No. of Claims : 3

(22) Date of filing of Application :18/09/2013

(31) Priority Document No :20 2011 101 724.2 1)RUIA G (32) Priority Date :11/06/2011 Address	f Applicant : SLOBAL FASTENERS AG
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (87) International Publication Number (87) Internation	

(57) Abstract :

The invention relates to a cage nut (10) comprising a cage (12) with an opening and a nut body (14) that is accommodated in the cage (12) and comprises an enlarged flange (16) and a hollow cylindrical neck (18) with an internal thread (20). A spacer element (22) is arranged between the nut body (14) and the cage (12) and comprises at least one spring element (34) that acts perpendicularly in relation to the axial direction of the internal thread (20).

No. of Pages : 14 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :18/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : COUPLER SU	PPORT MECHANISM	
(51) International classification	:B61G3/00,B61G1/04	(71)Name of Applicant :
(31) Priority Document No	:61/473353	1)WABTEC HOLDING CORP.
(32) Priority Date	:08/04/2011	Address of Applicant :1001 Air Brake Avenue Wilmerding
(33) Name of priority country	:U.S.A.	Pennsylvania 15148 U.S.A.
(86) International Application No	:PCT/US2012/032068	(72)Name of Inventor :
Filing Date	:04/04/2012	1)PECKHAM Jason D.
(87) International Publication No	:WO 2012/138692	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A coupler for transit cars includes a coupler anchor a coupler mechanism supported to the coupler anchor by a deformation tube and draft gear element and a coupler support mechanism. The coupler support mechanism includes two support arms pivotally mounted to a lower part of a coupling connector. A tension rod is provided for each support arm to control the pivotal displacement of each support arm. Each support arm further includes a torsion spring which is loaded as the support arm is pivotally displaced in an upward direction and unloaded as the support arm is pivotally displaced in a downward direction. The position of each support arm may be adjusted independently thereby allowing adjustment of the coupler along longitudinal and lateral planes of the transit car.

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

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 26/09/2014

() in the F	 (71)Name of Applicant : 1)UNILEVER PLC Address of Applicant :Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K. (72)Name of Inventor : 1)ALONSO Coralie Claudine 2)GOLDING Stephen 3)THORNTHWAITE David William

(57) Abstract :

The invention provides an oral care composition comprising a coordination complex in which a metal cation preferably zinc is complexed to one or more ligands which are derived from one or more curcumin compounds preferably curcumin demethoxycurcumin and bis demethoxycurcumin. Such metal complexes have been found to be particularly effective in suppressing the activity of microbes found in the oral cavity.

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

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ME	THOD OF LAUNDERING FABRI	с
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C11D3/00,C11D3/37,C11D3/386 :11160937.6 :04/04/2011 :EPO :PCT/EP2012/053709 :05/03/2012 :WO 2012/136427 :NA :NA :NA	 (71)Name of Applicant : 1)UNILEVER PLC Address of Applicant :Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K. (72)Name of Inventor : 1)BENNETT Julie 2)GRAINGER David Stephen 3)PARRY Alyn James

(57) Abstract :

A method of laundering fabric onto which a cationic fabric softening active has been deposited and dried comprising the step of contacting the fabric with an aqueous wash liquor having the following composition: a) 15 to 600 ppm non soap surfactant b) at least 50 ppm ethoxylated polyethylene imine c)at least 25 ppm polyester soil release polymer the total level of polymer (b+ c) being at least 20 wt% of the level of non soap surfactant (a) d) 0.1 to 100 ppm enzyme selected from protease amylase cellulase e) optionally lipase enzyme.

No. of Pages : 47 No. of Claims : 9

(22) Date of filing of Application :19/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A SURVEILLANCE SYSTEM AND A METHOD FOR DETECTING A FOREIGN OBJECT DEBRIS OR DAMAGE IN AN AIRFIELD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Eiling Date 	:201101223-4 :21/02/2011 :Singapore :PCT/SG2012/000052 :21/02/2012 :WO 2012/115594 :NA :NA :NA	 (71)Name of Applicant : 1)STRATECH SYSTEMS LIMITED Address of Applicant :31 International Business Park #02 02 Creative Resource Singapore 609921 Singapore (72)Name of Inventor : 1)CHEW Khien Meow David
Filing Date	:NA :NA	

(57) Abstract :

A surveillance system and method for detecting a foreign object debris or damage in an airfield the surveillance system comprising one or more cameras doe capturing images of the airfield; a processing unit for detecting the foreign object debris or damage in the airfield from the images captured by the one or more cameras; and a weapons impact surveillance system for detecting weapon impact in the airfield and directing the one or more cameras to capture images in an area of the detected weapon impact.

No. of Pages : 80 No. of Claims : 54

(22) Date of filing of Application :19/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : BIOACTIVE BOTANICAL COSMETIC COMPOSITIONS AND PROCESSES FOR THEIR PRODUCTION

(51) International classification	:A61K8/97,A61Q19/00,A61Q19/08	(71)Name of Applicant : 1)AKZO NOBEL CHEMICALS INTERNATIONAL B.V.
(31) Priority Document No	:13/032187	Address of Applicant :Stationsstraat 77 NL 3811 MH
(32) Priority Date	:22/02/2011	Amersfoort Netherlands
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2012/025899 :21/02/2012	1)KOGANOV Michael 2)DUEVA KOGANOV Olga
(87) International Publication No	:WO 2012/148527	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention is directed to bioactive botanical cosmetic compositions derived from membrane and cell serum fractions of plant cell juice. The present invention also relates to the methods for preparing these bioactive botanical cosmetic compositions and the uses of these compositions in various cosmetic formulations and as topical skin cosmetic applications.

No. of Pages : 76 No. of Claims : 41

(19) INDIA

(22) Date of filing of Application :19/09/2013

(43) Publication Date : 26/09/2014

	IGEE
:A61F5/56,A61F13/02	(71)Name of Applicant :
:1100215-1	1)ENTPRO AB
:23/03/2011	Address of Applicant :VÃsterlÃnggatan 46 S 111 29
:Sweden	Stockholm Sweden
:PCT/SE2012/050309	(72)Name of Inventor :
:21/03/2012	1)ÃHNBLAD Peter
:WO 2012/128710	
·NIA	
.111/1	
:NA	
:NA	
	:1100215-1 :23/03/2011 :Sweden :PCT/SE2012/050309 :21/03/2012 :WO 2012/128710 :NA :NA :NA

(54) Title of the invention : AID FOR SUPPORTING OF JAW ANGLE

(57) Abstract :

An aid against snoring with a slingshot shaped outer splint which support the jaw angle and fixates the lower jaw to the cheek and upper jaw. The splint is pressure relieving pressure distributing bendable and therefore individually adjustable and adheres to the support (skin) (Fig. 1) from the jaw angle to cheek and upper jaw (and alternatively up over the bridge of the nose) (Fig. 4 and Fig. 5) and in that way prevent the lower jaw from falling backwards downwards and obstruct the air way in the throat during sleep.

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

(19) INDIA

(22) Date of filing of Application :19/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD SYSTEM AND DEVICE FOR IMPROVING SECURITY OF TERMINAL WHEN SURFING INTERNET

(51) International classification	:H04W4/12,H04W12/12,H04L29/06	(71)Name of Applicant : 1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY
(31) Priority Document No	:201110046003.5	LIMITED
(32) Priority Date	:23/02/2011	Address of Applicant :4/F. East 2 Block SEG Park Zhenxing
(33) Name of priority country	y:China	Rd. Futian District Shenzhen Guangdong 518044 China
(86) International Application No Filing Date	:PCT/CN2012/070393 :16/01/2012	(72)Name of Inventor :1)ZHAO Feng2)QI Fei
(87) International Publication No	¹ :WO 2012/113272	3)SONG Dan
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed are a method system and device for improving the security of a terminal when surfing the Internet. The method includes: the network side receives network security information reported by a terminal generates a network security policy according to the network security information reported by each terminal and sends a security indication to the terminal according to the network security policy; and the terminal gives a security prompt with respect to network information to be obtained or already obtained according to the security indication. The application of the present invention can improve the security of the terminal when surfing the Internet and save resources at the terminal side.

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

(19) INDIA

(22) Date of filing of Application :30/09/2013

(54) Title of the invention : EXCHANGER DEVICE

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10 2011 100 439.8 :04/05/2011 :Germany	 (71)Name of Applicant : 1)DRITTE PATENTPORTFOLIO BETEILIGUNGSGESELLSCHAFT MBH & CO. KG Address of Applicant :Berliner Strasse 1 12529 Schoenefeld Germany (72)Name of Inventor : 1)SCHMITZ RODE Thomas 2)STEINSEIFER Ulrich 3)ARENS Jutta 4)SCHLANSTEIN Peter 5)BORCHARDT Ralf
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(57) Abstract : The invention relates to an exchanger device for transferring mass and/or energy between a first and second medium. The device comprises a chamber which has a first inlet and outlet of the first medium and through which the first medium can flow and the chamber is equipped with at least one mass and/or energy permeable exchanger hollow fiber preferably a plurality of mass and/or energy permeable exchanger hollow fibers which is/are connected at one end to a second inlet and at the other end to a second outlet of the second medium wherein the second medium can flow through the fiber(s) and the first medium can flow around the fiber(s). The chamber is equipped with at least one pump element by means of which the first medium can be displaced out of the chamber and sucked into the chamber in a pulsing manner. The pump element has an elastically deformable element and is connected to a third inlet of a third medium that is used as a driving medium said pump element being expandable by the third medium.

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

(19) INDIA

(22) Date of filing of Application :25/09/2013

(43) Publication Date : 26/09/2014

(51) International classification	:G06Q10/02	(71)Name of Applicant :
(31) Priority Document No	:61/469547	1)SITA INFORMATION NETWORKING COMPUTING
(32) Priority Date	:30/03/2011	UK LIMITED
(33) Name of priority country	:U.S.A.	Address of Applicant :1 Londongate Blyth Road Hayes
(86) International Application No	:PCT/GB2012/000297	Middlesex UB3 1BW U.K.
Filing Date	:30/03/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/114078	1)CHOLAK Umit Murad
(61) Patent of Addition to Application	:NA	2)OZISIK Metin Gursel
Number	:NA :NA	3)RUBERG Timothy
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		1

(54) Title of the invention : IMPROVED INVENTORY SYSTEM AND METHOD THEREFOR

(57) Abstract :

An inventory control method and system is disclosed. The system comprises: a processor a receiver for receiving an availability request for a leg of a journey between an origin and destination wherein the availability request comprises one or more attributes defining the leg; and a comparator for comparing the attribute or attributes of the received availability request with data defining a plurality of products. Each product defined by one or more attributes comprising a further attribute which allows a local or non stop passenger to be distinguished from a connecting passenger. The processor is configured to determine the availability of one of the products in dependence upon the result of the comparison.

No. of Pages : 40 No. of Claims : 39

(22) Date of filing of Application :25/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND DEVICE FOR EXTRACTING DATA FROM A DATA STREAM TRAVELLING AROUND AN IP NETWORK

(51) International classification	:H04L12/26	(71)Name of Applicant :
(31) Priority Document No	:11 52475	1)QoSMOS
(32) Priority Date	:25/03/2011	Address of Applicant :Immeuble Le Cardinet 5 Impasse
(33) Name of priority country	:France	Chalabre F 75017 Paris France
(86) International Application No	:PCT/FR2012/050585	(72)Name of Inventor :
Filing Date	:21/03/2012	1)ABELA JÃrôme
(87) International Publication No	:WO 2012/131229	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

In a phase of configuration a state machine (20) is constructed with states and transitions configured according to at least one type of data to be extracted from a data stream travelling around an IP network. The transitions between states are activated by conditions defined as a function of rules of organization of the data of the stream according to an application layer protocol. One or more states are moreover selected for the extraction of data from the stream. Thereafter in a phase of real time analysis of the stream the stream data arising from IP packets travelling successively around the network are observed. When the state machine is in a current state a search is conducted as to whether a condition of activation of a transition to a target state is realized by the data observed from the stream and when such an activation condition is realized the state machine is toggled into the target state. The data from the stream are extracted when the state machine is in a state selected in the configuration phase.

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

(22) Date of filing of Application :26/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROVIDING WIRELESS TRANSMITTER ALMANAC INFORMATION TO MOBILE STATION BASED ON EXPECTED CONTRIBUTION TO FUTURE NAVIGATION OPERATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:13/046542 :11/03/2011 :U.S.A. :PCT/US2012/028743 :12/03/2012 :WO 2012/125541 :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)MOEGLEIN Mark L.
Number	:NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	
Filing Date	:NA	

(57) Abstract :

Examples disclosed herein may relate to transmitting almanac information associated with a subset of wireless transmitters to a mobile station. The subset of wireless transmitters may be determined at least in part by determining expected contributions of one or more wireless transmitters to a future navigation operation for the mobile station.

No. of Pages : 78 No. of Claims : 46

(19) INDIA

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : LOAD SUSPENSION MEANS		
 (54) Title of the invention : LOAD SUSPE (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B66C1/66 :10 2011 014 519.2 :18/03/2011 :Germany	 (71)Name of Applicant : 1)PFEIFER HOLDING GMBH & CO. KG Address of Applicant :Dr. Karl Lenz Strasse 66 87700 Memmingen Germany (72)Name of Inventor : 1)KINTSCHER Matthias
Filing Date	:NA	

(57) Abstract :

The invention relates to a load suspension means for attaching heavy precast concrete parts consisting of a cable piece (10) and a cable deflector (2) which serves to deflect the cable piece which protrudes out of the concrete (4) so as to follow a curvature (20) wherein the cable piece is part of a cable eyelet (1) the cable eyelet is formed by a cable loop the two ends of which are pressed into a tubular ferrule (7) at the same end or opposite ends (70) of the latter so as to lie substantially parallel to one another and wherein the cable deflector is arranged integrally on or in the tubular ferrule the tubular ferrule is arranged on or in the component the outer contour of the tubular ferrule is cylindrical and the cable deflector is provided at the outlet point of the cable piece on that inner wall of the tubular ferrule which faces the cable piece.

No. of Pages : 22 No. of Claims : 14

(22) Date of filing of Application :23/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CHEMICAL COMPOSITION WITH HYDROGEN PEROXIDE AND A NANOEMULSION OF LONG CHAINED ALCOHOLS

Filing Date	 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K9/107,A61K47/10,A61K47/26 :NA :NA :NA :PCT/EP2011/053100 :02/03/2011 :WO 2012/116744 :NA :NA :NA	 (71)Name of Applicant : PIBED LIMITED Address of Applicant :Denby Hall Way Denby Ripley Derbyshire DE5 8JZ U.K. (72)Name of Inventor : GRASCHA Pierre Bruno BATTUT Mylène
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(57) Abstract :

The present invention provides a chemical composition comprised of hydrogen peroxide and a nanoemulsion of long chained alcohols which in combination these constituents act synergistically boost the kill time rate of hydrogen peroxide. The peroxide based nanoemulsion formulation for application to skin includes a cosmetically approved peroxide containing compound present in a range to give from about 0.1 to about 4 wt./wt. % released hydrogen peroxide an organic acid present in a concentration from about 0.01 to about 5 wt./wt. % for adjusting a pH of the formulation in a range from about pH 1 to about pH 4 a long chained (C9 to C22) aryl and/or alky! alcohol present in a concentration from about 0.1 to about 40 wt./wt. % and an emulsifier present in a concentration from about 0.1 to about 20 wt./wt. % to render the formulation a nanoemulsion.

No. of Pages : 17 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :23/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : IMPROVED TECHNIQUES SYSTEMS AND MACHINE READABLE PROGRAMS FOR MAGNETIC RESONANCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:23/03/2012 :WO 2012/129512 :NA :NA :NA	 (71)Name of Applicant : MILLIKELVIN TECHNOLOGIES LLC Address of Applicant :35 Braintree Hill Office Park Suite 304 Braintree MA 02184 UNITED STATES OF AMERICA (72)Name of Inventor : KALECHOFSKY Neal
Filing Date	:NA :NA	

(57) Abstract :

The present disclosure provides various methods and systems for performing magnetic resonance studies. In accordance with many embodiments image or other information of interest is derived from super radiant pulses.

No. of Pages : 62 No. of Claims : 74

(19) INDIA(22) Date of filing of Application :24/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : USE OF GLYCEROPHOSPHOLIPIDS FOR JOINT LUBRICATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	:A61K31/685, A61K9/127 :60/847,651 :28/09/2006 :U.S.A. :PCT/IL2007/001215 :07/10/2007 :WO/2008/038292 :NA :NA :NA :803/MUMNP/2009 :23/04/2009	 (71)Name of Applicant : HADASIT MEDICAL RESEARCH SERVICES & DEVELOPMENT LIMITED Address of Applicant :P.O. Box 12000, Kiryat Hadassah, 91120 Jerusalem, Israel 2)TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD. 3)YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM (72)Name of Inventor : 1)BARENHOLZ Yechezkel 2)NITZAN Dorit 3)ETSION Izhak 4)SCHROEDER Avi 5)HALPERIN Grigory 6)SIVAN Sarit
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(57) Abstract :

The present invention concerns the use of liposomes having membranes with at least one phospholipid (PL) of the group consisting of a glycerophospholipid (GPL) having two, being the same or different, C12-C16 hydrocarbon chain and a sphingolipid (SPL) having a C12-C18 hydrocarbon chain, the one or more membranes having a phase transition temperature in which solid ordered (SO) to liquid disordered (LD) phase transition occurs, the phase transition temperature being within a temperature of about 20°C to about 39°C for lubrication of joints.

No. of Pages : 41 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :18/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : DEVICE FOR REMOVING ORGANIC AND CHEMICAL MICROBIC POLLUTANTS FROM WATER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C02F1/32,C02F1/36 :2011111756 :29/03/2011 :Russia :PCT/RU2012/000221 :27/03/2012 :WO 2012/134350 :NA :NA :NA :NA	 (71)Name of Applicant : 1)OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU «PLAZMA PRO» Address of Applicant :ul. B. Sadovaya 239 616 Saratov 410005 Russia (72)Name of Inventor : 1)BARKHUDAROV Eduard Mikhaylovich 2)TAKTAKISHVILI Merab Ivanovich 3)ANPILOV Andrey Mitrofanovich 4)KOSSYJ Igor Antonovich
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(57) Abstract :

The device is intended for removing microbiological organic and chemical pollutants from water. The technical result of the proposal is the production of a device which is simple to manufacture does not contain expensive mechanical and electronic devices and permits efficient action upon bacterial organic and chemical pollutants in water and solutions thereof (including for utilizing toxicants). The technical result is achieved in that the device for removing microbiological organic and chemical pollutants from water comprises a working chamber a liquid pumping system a system for feeding gas to the device and a multi electrode discharge device with gas injection into an interelectrode space wherein the working chamber is in the form of a dielectric cylindrical pipe for pumping liquid and the electrodes of the discharge device are mounted on the internal surface of the pipe in a ring with an identical gap therebetween wherein the surface of the electrodes is coated with a dielectric material between the working surfaces of the electrodes there are openings for the passage of gas into the cavity and into the interelectrode space and a system for feeding a high voltage and gas to the discharger is arranged outside the working chamber.

No. of Pages : 14 No. of Claims : 1

(22) Date of filing of Application :24/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PRODRUGS OF D GAMMA GLUTAMYL D TRYPTOPHAN AND D GAMMA GLUTAMYL L TRYPTOPHAN

(57) Abstract :

The present invention provides pro drugs of D gamma glutamyl [D/L] tryptophan said pro drugs are compounds of Formula I or pharmaceutically acceptable salts thereof wherein G is C C alkyl or benzyl T is C C alkyl or benzyl and is a chiral carbon in a (R) or (S) configuration provided that when is in the (R) configuration at least one of G and T is C C alkyl; and use of compounds of Formula I in a pharmaceutical composition.

No. of Pages : 56 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :07/10/2013

(54) Title of the invention : BELT DETA	CHMENT TOOL	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16H7/24 :2011-064787 :23/03/2011 :Japan :PCT/JP2012/001609 :08/03/2012 :WO 2012/127802 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BANDO CHEMICAL INDUSTRIES LTD. Address of Applicant :6 6 Minatojima Minamimachi 4 chome Chuo ku Kobe shi Hyogo 6500047 Japan (72)Name of Inventor : 1)KUNISADA Takashi

(57) Abstract :

A belt detachment tool 10 includes a detacher 11 and a pulley engagement portion 12. The detacher 11 includes a belt-climbing surface 11a, a belt-sliding surface 11b, and a belt-transferring surface 11e disposed therebetween. At least a belt contact portion of the belt-transferring surface 1 lc has a radius of curvature of 5-1 1 mm in plan view.

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

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 26/09/2014

:C25C7/02 (51) International classification (71)Name of Applicant : **1)THE DOSHISHA** (31) Priority Document No :2011-067365 Address of Applicant :601 Gembu cho Karasuma higashi iru (32) Priority Date :25/03/2011 Imadegawa dori Kamigyo ku Kyoto shi Kyoto 6028580, Japan (33) Name of priority country :Japan :PCT/JP2012/057426 (72)Name of Inventor : (86) International Application No Filing Date :23/03/2012 1)MORIMITSU Masatsugu (87) International Publication No :WO 2012/133136 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : ANODE FOR ELECTROWINNING AND ELECTROWINNING METHOD USING SAME

(57) Abstract :

Provided is an anode for electrowinning such that in electrowinning using a sulfuric acid based electrolyte solution the electric potential for oxygen generation is lower than for a lead electrode lead alloy electrode and coated titanium electrode the electrolysis voltage for electrowinning can be reduced and the basic units for electric energy can be reduced for a desired metal. This anode can be used as the anode for electrowinning of various types of metal and has superior mass producibility. The anode for electrowinning is used in the electrowinning that uses a sulfuric acid based electrolyte solution and a catalyst layer that includes noncrystalline ruthenium oxide and noncrystalline tantalum oxide is formed on a conductive base substance.

No. of Pages : 39 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :18/10/2013

(54) Title of the invention : EGG TRANSPORT DEVICE FOR A PACKAGING DEVICE FOR EGGS

(51) International classification	:B65G43/08,B65G47/31,B65B23/06	(71)Name of Applicant : 1)MOBA GROUP B.V.
(31) Priority Document No	:2006663	Address of Applicant :Stationsweg 117 NL 3771 VE
(32) Priority Date	:26/04/2011	Barneveld Netherlands
(33) Name of priority country	:Netherlands	(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication 	:22/03/2012	1)GROOTHERDER Berend Derk
No	:WO 2012/148263	
(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 egg transport device for a packaging device for eggs comprising a distribution conveyor which extends in a direction of transport from a feed outer end to a discharge outer end and which as seen in the direction of transport is bounded on either side by guides extending at least substantially in the direction of transport which egg transport device is adapted to deliver eggs over at least two discharge tracks of a discharge conveyor (12) which are distributed in a width direction extending at right angles to the direction of transport wherein the feed conveyor comprises at least over a part of its length at least two distribution belts (17) extending parallel to each other and drivable independently of each other by drive devices and distributing sections (9) lying in the line thereof and sensors (7 10) are further provided which during use detect the delivery of an egg to a distributing section (9).

No. of Pages : 19 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :18/10/2013

(43) Publication Date : 26/09/2014

(51) International classification :A61K31/4164 (71)Name of Applicant : 1)RDD PHARMA LTD. (31) Priority Document No :61/478949 Address of Applicant :7 Bezalel Street 87516 Ofakim Israel (32) Priority Date :26/04/2011 (72)Name of Inventor : (33) Name of priority country :U.S.A. 1)BARAK Nir (86) International Application No :PCT/IL2012/050148 2)RICE Howard Lawrence Filing Date :24/04/2012 (87) International Publication No :WO 2012/147084 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : OXYMETAZOLINE FOR THE TREATMENT OF ANO RECTAL DISORDERS

(57) Abstract :

The present invention provides methods for treating fecal incontinence by administering to a subject in need thereof compositions comprising oxymetazoline as an active ingredient. The present invention further provides kits comprising compositions of oxymetazoline suitable for topical application, for the treatment of fecal incontinence. The present invention is based in part on the unexpected increase In resting anal pressure obtained upon local administration of relatively low concentrations of oxymetazoline. Surprisingly, the inventors of the present invention have found that unlike other a adrenergic agonists, specifically, pheynilephnne, which either have a short term effect or does not exhibit a pronounced effect on a resting anal pressure, local administration of oxymetazoline provides a long term pronounced increase of the resting anal pressure.

No. of Pages : 27 No. of Claims : 44

(22) Date of filing of Application :25/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : 6 7 DIHYDRO PYRAZOLO[1 5 A]PYRAZIN 4 YLAMINE DERIVATIVES USEFUL AS INHIBITORS OF BETA SECRETASE (BACE)

(87) International :WO 2012/117027 Publication No :WO 2012/117027 (61) Patent of Addition to :NA Application Number :NA (62) Divisional to :NA Application Number :NA Filing Date :NA Mapplication Number :NA Filing Date :NA	 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	 (71)Name of Applicant : 1)JANSSEN PHARMACEUTICA NV Address of Applicant :Turnhoutseweg 30 B 2340 Beerse Belgium (72)Name of Inventor : 1)TRABANCO SUÃ REZ AndrÃs Avelino 2)GIJSEN Henricus Jacobus Maria 3)VAN GOOL Michiel Luc Maria 4)VEGA RAMIRO Juan Antonio 5)DELGADO JIMÉNEZ Francisca
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(57) Abstract :

The present invention relates to novel 6 7 dihydro pyrazolo[1 5 a]pyrazin 4 yl amine derivatives as inhibitors of beta secretase also known as beta site amyloid cleaving enzyme BACE BACEI Asp2 or memapsin2. The invention is also directed to pharmaceutical compositions comprising such compounds to processes for preparing such compounds and compositions and to the use of such compounds and compositions for the prevention and treatment of disorders in which beta secretase is involved such as Alzheimer s disease (AD) mild cognitive impairment senility dementia dementia with Lewy bodies Down s syndrome dementia associated with stroke dementia associated with beta amyloid.

No. of Pages : 91 No. of Claims : 8

(19) INDIA

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

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A01D46/26 :BO 2011 A 000207 :18/04/2011 :Italy :PCT/EP2012/055836 :30/03/2012 :WO 2012/143225 :NA :NA :NA :NA	 (71)Name of Applicant : 1)MINELLI ELETTROMECCANICA Address of Applicant :Via Costituzione 43 I 42015 Correggio (RE) Italy (72)Name of Inventor : 1)MINELLI Ermanno
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(54) Title of the invention : APPARATUS FOR PICKING OLIVES AND THE LIKE

(57) Abstract :

The apparatus for picking olives and the like comprises a support rod (2) suitable to be grasped; a shaker unit (3) comprising a containment box (7) suitable to be mounted at the top of the support rod (2); at least one comb sector (6 60) shaping a support structure (9 99) for a plurality of teeth (10) carried mobile by the containment box (7); a motor member for actuating the comb sector (6 60) in a substantially swinging motion. The support structure (9 99) is constrained rotatably in a sleeve (12 120 121) hinged to the containment box (7) at a transverse axis (13) so as to produce a first swinging motion of the support structure (9 99) about the transverse axis (13). The support structure (9 99) of the teeth (10) is further constrained to the containment box (7) at a portion distal to the sleeve (12 120 121) by means of an articulated joint (18) in such a way as to produce a second swinging motion of the support structure (9 99) about its longitudinal axis.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A01D46/26 :BO2011A000210 :18/04/2011 :Italy :PCT/EP2012/055892 :30/03/2012 :WO 2012/143231 :NA :NA :NA :NA	 (71)Name of Applicant : MINELLI ELETTROMECCANICA Address of Applicant :Via Costituzione 43 I 42015 Correggio (RE) Italy (72)Name of Inventor : MINELLI Ermanno
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(54) Title of the invention : APPARATUS FOR HARVESTING OLIVES AND SIMILAR PRODUCTS

(57) Abstract :

The apparatus for harvesting olives and similar products comprises a support body (2) suitable to be grasped; a shaker unit (3) comprising a containment box (7) suitable to be mounted at the top of the support body (2); at least one comb sector (6) shaping a support structure (9 90 99) provided with a plurality of teeth (10) carried mobile by the containment box (7); a motor member to actuate the comb sector (6) in a substantially swinging motion a motor shaft (12) arranged substantially aligned to the longitudinal axis of the support body (2) and suitable to be actuated in a rotary motion by the motor member. The apparatus also comprises a first kinematic chain (14) actuated by the motor shaft (12) suitable to transmit a first rotary motion and a second kinematic chain (15) also actuated by the motor shaft (12) and suitable to transmit a second motion of the substantially alternated type.

No. of Pages : 31 No. of Claims : 11

(21) Application No.1957/MUMNP/2013 A

(22) Date of filing of Application :21/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : HARD SURFACE TREATMENT COMPOSITION (51) International classification :C11D3/02,C11D3/37,C11D10/04 (71)Name of Applicant : **1)UNILEVER PLC** (31) Priority Document No :1293/MUM/2011 (32) Priority Date Address of Applicant :100 Victoria Embankment London :25/04/2011 (33) Name of priority country Greater London EC4Y 0DY U.K. :India (72)Name of Inventor : (86) International Application :PCT/EP2012/056036 1)DAS Somnath No :03/04/2012 Filing Date 2)DUTTA Kingshuk (87) International Publication **3)PRAMANIK Amitava** :WO 2012/146464 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The present invention is in the field of hard surface treatment compositions. The invention particularly relates to hard surface treatment compositions that provide easier cleaning upon the subsequent cleaning. It is an object of the present invention to provide a composition that upon use renders a surface hydrophobic and to provide good cleaning. It has been found that poly aluminium chloride and a soap in combination with a poly vinyl alcohol and non ionic or cationic surfactant provides both good cleaning and good stain/soil repellence.

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

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : TRANSMITTING MESSAGES BETWEEN INTERNATIONALIZED EMAIL SYSTEMS AND NON INTERNATIONALIZED EMAIL SYSTEMS

(51) International classification	·H04I.12/66 H04I.12/58	(71)Name of Applicant :
(31) Priority Document No	:13/075898	1)AFILIAS LIMITED
(32) Priority Date	:30/03/2011	Address of Applicant :2 LA TOUCHE HOUSE, IFSC,
(33) Name of priority country	:U.S.A.	DUBLIN 1, IRELAND.
(86) International Application No	:PCT/CA2012/000325	(72)Name of Inventor :
Filing Date	:28/03/2012	1)BAYLES Len Albert
(87) International Publication No	:WO 2012/129678	2)DAINOW Ernest
(61) Patent of Addition to Application	:NA	3)GALVIN James M.
Number	:NA :NA	4)REIDIBOIM Alexander
Filing Date	.NA	5)WU David
(62) Divisional to Application Number	:NA	6)YEE Joseph Chiu Kit
Filing Date	:NA	

(57) Abstract :

A method is provided for transmitting an email message from a sender to a selected recipient the selected recipient capable of receiving only email messages compliant with American Standard Code for Information Interchange (ASCII). However one or more of the sender or other recipients have a non ASCII email address. Accordingly mapped ASCII email addresses are created for each of the non ASCII email addresses as follows. A username is generated as a mapping of the non ASCII email address using a predefined mapping algorithm. A domain name is selected from one or more predefined domain names each of the domain names configured to resolve to a predefined gateway server. The username is concatenated with the domain name to create the mapped ASCII email address. Then the non ASCII email addresses is replaced with the mapped ASCII email address and the email message is sent to the selected recipient. A gateway server and computer readable medium configured to implement the method described above are also provided.

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

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PO	RTABLE COMPUTER SUPPORT	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:F16M13/04,A45F5/00,A47G1/24 :2736642 :11/04/2011 :Canada	 (71)Name of Applicant : 1)KIELLAND Peter J. Address of Applicant :310 Selby Avenue Ottawa Ontario K1Z 6R1 Canada
(86) International Application No Filing Date	:PCT/CA2012/000342 :05/04/2012	(72)Name of Inventor : 1)KIELLAND Peter J.
(87) International Publication No	:WO 2012/139198	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A support for a pad computer and the like includes a body support strap which may be placed around the neck or shoulders of a user and a body propping unit that positions a computer outwardly from the torso of the user. The body support strap connects to the body propping member preferably at a location proximately aligned with the center of gravity of the combined mass of the computer and computer support when the body popping member is deployed in its stand off position. In a preferred variant the body propping member is a U shaped strut assembly with two arms joined by a bridge. The body support strap connects to the arms. The arms are hinged at the sides of the computer. The bridge may be swung from an in use orientation spacing the computer outwardly from a user to a parked position wherein the bridge lies adjacent to an opposite transverse edge of the computer in the plane of the computer.

No. of Pages : 119 No. of Claims : 50

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16H25/12, F16H25/08 :1104394.0 :16/03/2011 :U.K. :PCT/GB2012/000225 :08/03/2012 :WO 2012/123694 :NA :NA :NA	 (71)Name of Applicant : 1)AKER SUBSEA LIMITED Address of Applicant :Unit 59 Clivemont Road Corwallis Industrial Estate Maindenhead Berkshire SL6 7BZ/GB U.K. (72)Name of Inventor : 1)OSWALD Walter
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(54) Title of the invention : SUBSEA ELECTRIC ACTUATORS AND LATCHES FOR THEM

(57) Abstract :

A subsea electric actuator comprises an electric motor and a telescopic drive connection (8) from the motor to a drive unit (10 11 12) which can be moved to and fro and converts rotary motion of the connection to linear motion of an actuating stem (5). A return spring (14) is operable on the drive unit to urge the actuating stem towards a datum state. An electromagnetic latch (15) is operative when set to maintain the drive unit in a predetermined position so as to decouple the action of the return spring whereby the stem can be advanced and retracted relative to the drive unit free from the action of the return spring. De energisation of the latch allows the return spring to operate on the drive unit to return the actuating stem to the datum state. Various forms of electromagnetic latch are described.

No. of Pages : 39 No. of Claims : 42

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

(43) Publication Date : 26/09/2014

:E05B1/00	(71)Name of Applicant :
:2011-095797	1)ALPHA CORPORATION
:22/04/2011	Address of Applicant :6 8 Fukuura 1 chome Kanazawa ku
:Japan	Yokohama shi Kanagawa 2360004 Japan
:PCT/JP2012/057639	2)NISSAN MOTOR CO. LTD.
:23/03/2012	(72)Name of Inventor :
:WO 2012/144294	1)KUDOH Shuichi
·NI A	2)ICHIKAWA Shinji
	3)YOSHIDA Ryuichi
.1NA	4)TSUJI Kouji
:NA	
:NA	
	:2011-095797 :22/04/2011 :Japan :PCT/JP2012/057639 :23/03/2012 :WO 2012/144294 :NA :NA :NA

(54) Title of the invention : VEHICLE DOOR HANDLE DEVICE

(57) Abstract :

This door handle device is provided with: a handle base; an introduction aperture that is opened in the door handle and that supports the handle base; an operation handle that is coupled to the handle base; and a gasket that is disposed between the handle base and the operation handle. A handle stopper of which one end passes through the introduction aperture and is borne by the handle base and of which the other end contacts the operation handle is integrally provided to the gasket.

No. of Pages : 25 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :18/09/2013

(54) Title of the invention : MOULDING MATERIAL FOR CUSHIONS

(43) Publication Date : 26/09/2014

		-
(51) International classification	:C08J9/32,B29C70/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TRYONIC LIMITED
(32) Priority Date	:NA	Address of Applicant :53 Burney Street London SE10 8EX
(33) Name of priority country	:NA	U.K.
(86) International Application No	:PCT/IB2011/051598	(72)Name of Inventor :
Filing Date	:13/04/2011	1)DEL GUASTA Andrea
(87) International Publication No	:WO 2012/140473	2)PARONETTO Giuseppe
(61) Patent of Addition to Application	:NA	3)ANTICHI Andrea
Number	:NA :NA	
Filing Date	.1NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		ł

(57) Abstract :

To mould light impact cushioning and multi impact objects a material is disclosed composed in weight of 20 50% of expanded particles and 80 50% of binding component the particles being in plastic material of closed shape hollow and filled with gas.

No. of Pages : 9 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PREPARING HIGH ACID RTD WHOLE GRAIN BEVERAGES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/454726 :21/03/2011 :U.S.A. :PCT/US2012/026110 :22/02/2012 :WO 2012/128881 :NA :NA :NA	 (71)Name of Applicant : PEPSICO INC. Address of Applicant :700 Anderson Hill Road Purchase NY (72)Name of Inventor : PEREYRA Ricardo MUTILANGI William
Filing Date	:NA	

(57) Abstract :

A method for preparing a low viscosity whole grain flour slurry including hydrating whole grain flour in water heated at a temperature of 87 to 99 °C cooling the mixture adding an enzyme to reduce the viscosity and acidifying the flour water mixture to reduce the pH to obtain a reduced viscosity whole grain flour slurry.

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

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : 3 4 DIHYDRO PYRROLO[1 2 A]PYRAZIN 1 YLAMINE DERIVATIVES USEFUL AS INHIBITORS OF BETA SECRETASE (BACE)

Application Number Filing Date :NA	Application Number .NA	53863	Belgium (72)Name of Inventor : 1)TRABANCO SUÃ REZ AndrÃs Avelino 2)DELGADO JIMÉNEZ Francisca
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(57) Abstract :

The present invention relates to novel 3 4 dihydro pyrrolo[1 2 a]pyrazin 1 ylamine derivatives as inhibitors of beta secretase also known as beta site amyloid cleaving enzyme BACE BACE1 Asp2 or memapsin2. The invention is also directed to pharmaceutical compositions comprising such compounds to processes for preparing such compounds and compositions and to the use of such compounds and compositions for the prevention and treatment of disorders in which beta secretase is involved such as Alzheimer s disease (AD) mild cognitive impairment senility dementia dementia with Lewy bodies Down s syndrome dementia associated with stroke dementia associated with Parkinson s disease or dementia associated with beta amyloid.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:G06F3/042	(71)Name of Applicant :
(31) Priority Document No	:13/090497	1)QUALCOMM Incorporated
(32) Priority Date	:20/04/2011	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 UNITED
(86) International Application No	:PCT/US2012/034122	STATES OF AMERICA
Filing Date	:18/04/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/145429	1)BI Ning
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(54) Title of the invention : VIRTUAL KEYBOARDS AND METHODS OF PROVIDING THE SAME

(57) Abstract :

The present disclosure provides systems methods and apparatus including computer programs encoded on computer storage media for providing virtual keyboards. In one aspect a system includes a camera a display a video feature extraction module and a gesture pattern matching module. The camera captures a sequence of images containing a finger of a user and the display displays each image combined with a virtual keyboard having a plurality of virtual keys. The video feature extraction module detects motion of the finger in the sequence of images relative to virtual sensors of the virtual keys and determines sensor actuation data based on the detected motion relative to the virtual sensors. The gesture pattern matching module uses the sensor actuation data to recognize a gesture.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

:H04N7/26	(71)Name of Applicant :
:61/485442	1)QUALCOMM Incorporated
:12/05/2011	Address of Applicant :5775 Morehouse Drive ATTN:
:U.S.A.	International IP Administration San Diego California 92121 171
:PCT/US2012/037113	UNITED STATES OF AMERICA
:09/05/2012	(72)Name of Inventor :
:WO 2012/154847	1)VAN DER AUWERA Geert
٠NA	2)KARCZEWICZ Marta
.INA	
:NA	
:NA	
	:61/485442 :12/05/2011 :U.S.A. :PCT/US2012/037113 :09/05/2012 :WO 2012/154847 :NA :NA :NA

(54) Title of the invention : FILTERING BLOCKINESS ARTIFACTS FOR VIDEO CODING

(57) Abstract :

In one example an apparatus for coding video data includes a video coder configured to determine a first prediction mode for a first block of video data and a second prediction mode for a second block of video data wherein the first block and the second block share a common edge decode the first block using the first prediction mode and the second block using the second prediction mode and determine whether to deblock the common edge between the first block and the second block based at least in part on whether at least one of the first prediction mode and the second prediction mode comprises short distance intra prediction (SDIP).

No. of Pages : 75 No. of Claims : 45

(19) INDIA

(22) Date of filing of Application :18/09/2013

(43) Publication Date : 26/09/2014

(51) International classification	:B60K17/346	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) Priority Date	:NA	Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571
(33) Name of priority country	:NA	Japan
(86) International Application No	:PCT/JP2011/063568	(72)Name of Inventor :
Filing Date	:14/06/2011	1)YOSHIMURA Takahiro
(87) International Publication No	:WO 2012/172638	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : TRANSFER FOR FOUR WHEEL DRIVE VEHICLE

(57) Abstract :

[Problem] To simplify the structure of a power transmission element for allowing a transfer (3) for a four wheel drive vehicle in which rotational power inputted to an input shaft (11) is transmitted to a rear wheel output shaft (12) and a front wheel output shaft (13) to change gears and serve as a center differential. [Solution] The aforementioned power transmission element has one row of gears (21 23) in the axial direction and includes one planetary gear mechanism (20) wherein the aforementioned gears (21 23) are not moved in the axial direction.

No. of Pages : 41 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :18/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD OI	F CLEANING LAUNDR	Y
(51) International classification	:C11D1/52,C11D1/86	(71)Name of Applicant :
(31) Priority Document No	:11159109.5	1)UNILEVER PLC
(32) Priority Date	:22/03/2011	Address of Applicant :a company registered in England and
(33) Name of priority country	:EPO	Wales under company no. 41424 of Unilever House 100 Victoria
(86) International Application No	:PCT/EP2012/054566	Embankment London Greater London EC4Y 0DY U.K.
Filing Date	:15/03/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/126801	1)HOWELL Ian
(61) Patent of Addition to Application Number	:NA	2)MCKEE Anthony
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method of cleaning laundry comprises the steps of: (I) pre treating the laundry with a liquid pre treatment composition; and (II) washing the thus pre treated laundry in a wash liquor comprising a main wash detergent formulation preferably a main wash detergent powder. The liquid pre treatment composition used in said method comprises (a) 0.005 to 20 wt% hydroxamate and (b)3 to 80 wt% of detersive surfactant system wherein the weight ratio a) to b) lies in the range 6: 1to 1:16000 preferably 1:10 to 1:400. It was found that enhanced detergency in particular with respect to particulate soils stains removal can be obtained when applying the method of the present invention.

No. of Pages : 32 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :18/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PEPTIDE BASED HAIR COLORANTS		
 (54) Title of the invention : PEPTIDE BA (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:C09B69/10,A61Q5/10 :11159379.4 :23/03/2011 :EPO :PCT/EP2012/055085 :22/03/2012 :WO 2012/126987	 S (71)Name of Applicant : UNILEVER PLC Address of Applicant :Unilever House 100 Victoria Embankment London EC4Y 0DY U.K. (72)Name of Inventor : BATCHELOR Stephen Norman
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Dye composition comprising a peptide dye said peptide dye comprising a peptide covalently bound to a negatively charged reactive dye; in which the peptide dye is obtainable by reacting a peptide containing a primary amine secondary amine OH SH group or mixtures with a negatively charged reactive dye.

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

(22) Date of filing of Application :18/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SPECIFIC PERFUMES HAVING ENHANCED EFFICACY WHEN USED IN SPECIFIC LIQUID CONCENTRATE COMPOSITIONS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	n :A61K8/34,A61K8/46,A61Q13/00 :13/070691 :24/03/2011 :U.S.A.	 (71)Name of Applicant : 1)UNILEVER PLC Address of Applicant :a company registered in England and Wales under company no. 41424 Unilever House 100 Victoria
 (86) International Application No Filing Date (87) International Publication No ((1) Data to find Without (1) 	:PCT/EP2012/053610 :02/03/2012 :WO 2012/126710	Embankment London Greater London EC4Y 0DY U.K. (72)Name of Inventor : 1)HERMANSON Kevin David 2)YANG Lin 3)SHAFER Georgia
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	4)SHILOACH Anat

(57) Abstract :

The invention relates to specific synergistic combinations (providing perfume delivery in both diluted and undiluted compositions) between specific soap based liquid concentrates and particularly defined perfumes. The invention further relates to a method of delivering enhanced smell and/or enhanced fragrance intensity in use using such combinations.

No. of Pages : 38 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :25/10/2013

(43) Publication Date : 26/09/2014

		-
(51) International classification	:H04W28/16	(71)Name of Applicant :
(31) Priority Document No	:61/477560	1)QUALCOMM INCORPORATED
(32) Priority Date	:20/04/2011	Address of Applicant :ATTN: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego CA 92121 1714 UNITED
(86) International Application No	:PCT/US2012/034484	STATES OF AMERICA
Filing Date	:20/04/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/145647	1)WALKER Gordon Kent
(61) Patent of Addition to Application	:NA	2)CHERIAN George
Number	:NA :NA	3)ZHANG Xiaoxia
Filing Date	INA	4)BAO Gang
(62) Divisional to Application Number	:NA	5)ZHU Xipeng
Filing Date	:NA	
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(54) Title of the invention : QUALITY OF SERVICE CONTROL IN A MULTICAST TRANSMISSION

(57) Abstract :

A network entity may dynamically control Quality of Service (QoS) for a multicast transmission in a wireless communications system by initiating a multicast transmission having an initial QoS and later during the multicast transmission generating an updated QoS for the multicast transmission. The network entity may generate the updated QoS in response to a network load factor for a multicast area aggregated from base stations in the area. The network load factor may indicate a measure of aggregate available bandwidth in the multicast area. The network entity may provide the updated QoS to mobile entities receiving the multicast transmission which may process a subsequent portion of multicast content according to the updated QoS.

No. of Pages : 71 No. of Claims : 53

(22) Date of filing of Application :11/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : STAINLESS STEEL FOIL AND CATALYST CARRIER FOR EXHAUST EMISSION CONTROL SYSTEM USING SAID FOIL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority 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/JP2012/059122 :28/03/2012 :WO 2012/137792 :NA :NA	 (71)Name of Applicant : 1)JFE STEEL CORPORATION Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda ku Tokyo 1000011 Japan (72)Name of Inventor : 1)MIZUTANI Akito 2)FUJISAWA Mitsuyuki 3)OTA Hiroki 4)KATO Yasushi
Number Filing Date	:NA :NA	

(57) Abstract :

Provided are a stainless steel foil which has high Strength at high temperatures, excellent oxidation resistance at high temperaturesr and excellent salt corrosion resistance, and a catalyst carrier for an exhaust gas purifying device which usea the foil. Specifically, a stainless Steel foil is characterized by containing, in percent by mass, 0.05% or less of C, 2.0% or less of Si, 1.01 or less of Mn, 0.003% or less of S, 0.05% or less of P, more than 15.01 and less than 25,0% of Cr, 0.301 or leas of Hi, 3.0% to 10.0% of Al, 0.03% to 1.0% of Cu, 0.10% or less of N, D.02% or less of Ti, 0.02% or less of Nb, 0.02% or less of Ta, 0.005% to 0.20% of Zr, 0,03% to 0.20% of REM excluding Ce, 0.02% or less of Ce, 2,0% to 6.0% in total of at least one of Mo and W, and the balance being Fe and incidental impurities.

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

(54) Title of the invention : A SYSTEM FOR CARGO DELIVERY INTO THE CELLS

(19) INDIA

(22) Date of filing of Application :20/09/2013

(43) Publication Date : 26/09/2014

(51) International classification :A61K47/48,C12N15/87 (71)Name of Applicant : (31) Priority Document No **1)PEPFEX AB** :11155275.8 (32) Priority Date Address of Applicant :HAMPLINGEVAGEN 25, 138 37 :22/02/2011 (33) Name of priority country ALTA. Sweden :EPO (86) International Application No (72)Name of Inventor : :PCT/EP2012/053036 1)LANGEL Ãlo Filing Date :22/02/2012 (87) International Publication No :WO 2012/113846 2)ARUKUUSK Piret (61) Patent of Addition to Application 3)OSKOLKOV Nikita :NA Number 4)COPOLOVICI Dana Maria :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to a system for intracellular cargo delivery named NickFect comprising at least one component A which is attached covalently to cell penetrating peptide B and/or peptide or non peptide construct C. The said delivery system NickFect relates to chemically modified new cell penetrating peptides (CPP) non covalently or covalently complexed with cargo for efficient cellular.

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

(19) INDIA

(22) Date of filing of Application :20/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ASYMMETRICALLY SUBSTITUTED ANTHRAPYRIDAZONE DERIVATIVES AS CYTOSTATICS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition Application Number Filing Date (62) Divisional to Application Number Filing Date 	:P.394569 :14/04/2011 :Poland :PCT/PL2012/000025 :13/04/2012 :WO 2012/141604	 (71)Name of Applicant : 1)BS 154 SP. Z O.O. Address of Applicant :ul. Trzy Lipy 3 PL 80 172 Gdansk Poland (72)Name of Inventor : 1)BOROWSKI Edward 2)STEFANSKA Barbara 3)DZIEDUSZYCKA Maria 4)CYBULSKI Marcin 5)SZELEJEWSKI Wieslaw 6)OBUKOWICZ Janusz 7)BONTEMPS GRACZ Maria 8)WYSOCKA Malgorzata 9)MAZERSKI Jan 10)PUNDA Pawel 11)WIETRZYK Joanna
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(57) Abstract :

Hde hH de hThe invention relates to the new asymmetrically substituted derivatives of 2 7 dihydro 3 dibenzo[]cinnoline 3 7 dione and their use as cytostatics exhibiting activity against tumor cells especially against cells with multidrug resistance (MDR). In particular the invention concerns derivatives of 2 7 dihydro 3 dibenzo[]cinnoline 3 7 dione represented by the general formula (I).

No. of Pages : 59 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :25/10/2013

(54) Title of the invention · MULTIDRUM EVAPORATOR

(43) Publication Date : 26/09/2014

(54) The of the invention . WOLTIDKO	WIL VAI ORATOR	
(51) International classification	:F22B21/18	(71)Name of Applicant :
(31) Priority Document No	:61/478695	1)NOOTER/ERIKSEN INC.
(32) Priority Date	:25/04/2011	Address of Applicant :1509 Ocello Drive Fenton MO 63026
(33) Name of priority country	:U.S.A.	UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2012/032828	(72)Name of Inventor :
Filing Date	:10/04/2012	1)JACKSON Bradley N.
(87) International Publication No	:WO 2012/148656	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An evaporator for a heat recovery steam generator has two horizontal steam drums of moderate size one located slightly higher than the other. It also includes a coil having tubes located in the flow of a hot gas. The lower drum communicates with the inlets of the tubes for the coil. The outlets of the tubes communicate with the upper drum. A drain line connects the bottom of the upper drum with the lower region of the lower drum so that water will flow from the upper drum to the lower drum. Water which is primarily in the liquid phase enters the lower drum through an inlet line and mixes with water from the upper drum. The mixture flows through into the coil. Here some of it transforms into saturated steam while the rest remains as saturated water. The saturated steam and saturated water flow into the upper drum where the steam escapes and the water flows back into the lower drum to recirculate through the coil. Owing to their moderate sizes the drums can withstand high pressures without having excessive wall thickness and this enables the evaporator to be set into operation with minimal or no hold points. Yet the two drums provide a retention time and the protection that it provides of a single large capacity drum having substantial wall thickness.

No. of Pages : 12 No. of Claims : 15

(22) Date of filing of Application :23/09/2013

(54) Title of the invention : NICKEL BASED BRAZING FOIL METHOD FOR PRODUCING A BRAZING FOIL OBJECT HAVING A BRAZE JOINT AND METHOD FOR BRAZING

(57) Abstract :

The invention relates to an amorphous ductile Ni based brazing foil having a composition that essentially comprises NiCrBPSi with 21 atomic percent < a = 28 atomic percent; 0.5 atomic percent = b = 7 atomic percent; 4 atomic percent = c = 12 atomic percent; 2 atomic percent = d = 10 atomic percent; incidental impurities = 1.0 weight percent; remainder Ni wherein a/c = 2.

No. of Pages : 35 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :23/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : COMBINATION VACCINE			
(51) International classification	:A61K39/085,C07K14/31	(71)Name of Applicant :	
(31) Priority Document No	:1106162.9	1)ABSYNTH BIOLOGICS LIMITED	
(32) Priority Date	:12/04/2011	Address of Applicant :Leavygreave Road Sheffield South	
(33) Name of priority country	:U.K.	Yorkshire S2 7DR U.K.	
(86) International Application No	:PCT/GB2012/050791	(72)Name of Inventor :	
Filing Date	:11/04/2012	1)GARCIA LARA Jorge	
(87) International Publication No	:WO 2012/140417	2)FOSTER Simon	
(61) Patent of Addition to Application	:NA		
Number	:NA		
Filing Date	.117		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

The disclosure relates to a composition comprising two or more immunogenic staphylococcal polypeptides and a mulitvalent vaccine composition comprising the immunogenic staphylococcal polypeptides.

No. of Pages : 37 No. of Claims : 43

(22) Date of filing of Application :17/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : COMPOUNDS FOR USE IN IMAGING DIAGNOSING AND/OR TREATMENT OF DISEASES OF THE CENTRAL NERVOUS 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 	:C07C211/41,C07C209/68 :11159427.1 :23/03/2011 :EPO :PCT/EP2012/054917 :20/03/2012 :WO 2012/126913 :NA :NA	 (71)Name of Applicant : PIRAMAL IMAGING SA Address of Applicant :Route de lEcole 13 CH 1753 Matran Switzerland (72)Name of Inventor : THIELE Andrea KETTSCHAU Georg HEINRICH Tobias LEHMANN Lutz HALLDIN Christer NAG Sangram VARRONE Andrea GULYÃ S Balazs
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(57) Abstract :

This invention relates to novel compounds suitable for labelling by F and the corresponding F labelled compounds themselves F fluorinated analogues thereof and their use as reference standards methods of preparing such compounds compositions comprising such compounds kits comprising such compounds or compositions and uses of such compounds compositions or kits for diagnostic imaging by Positron Emission Tomography (PET).

No. of Pages : 67 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :17/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR DISPLAYING CURRENT DISPARATE RATIO FOR ENTERPRISE VALUE USING DIFFERENCE BETWEEN MARKET VALUE FOR ENTERPRISE AND BASIC ANALYSIS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:G06Q40/06 :1020110042311 :04/05/2011 :Republic of Korea :PCT/KR2012/003483 :03/05/2012 :WO 2012/150828	 (71)Name of Applicant : 1)CS CO. LTD Address of Applicant :200 ho 2nd floor Daejeon CT center 3 1 Doryong dong Yuseong gu Daejeon 302 802 Republic of Korea (72)Name of Inventor : 1)HAN Changse
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is characterized by the steps of: entering personal information into a stock information server on the basis of a membership verification procedure; storing and managing information related to stocks of interest for a member by using the stock information server; receiving total market value data for the stocks of interest from the stock information sever; receiving net asset value data for the stocks of interest from the electronic disclosure system server; storing the total market value data and net asset value data in the stock information server in a graphic format by time; and displaying the total market value data and net asset value data with each set to a predetermined axis.

No. of Pages : 45 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :28/10/2013

(54) Title of the invention : PROCESS FOR PRODUCING FORMED THERMOPLASTIC

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B29C69/02,B29C61/02,B29C51/08 :11164540.4 :03/05/2011 :EPO :PCT/EP2012/056529 :11/04/2012	 (71)Name of Applicant : 1)UNILEVER PLC Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K. (72)Name of Inventor : 1)WOODWARD Adrian Michael
(87) International Publication No	:WO 2012/150109	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A process for forming a sheet of thermoplastic material into a three dimensional shape comprising at least one vertex the process comprising the steps of (i) forming the sheet by means of a former having a profile such as to produce a first formed shape in the sheet followed by (ii) positioning a male former within the first formed shape the male former having a profile within the first formed shape comprising at least one vertex and (iii) raising the temperature of the first formed shape above that of forming in step (i) thereby causing the first formed shape to shrink back towards its original sheet form and thereby adopting the profile of the male former.

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

(19) INDIA

(22) Date of filing of Application :11/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CATHODE MATERIAL HAVING DOUBLE LAYER CARBON COATING AND PREPARATION 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 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number KA NA 	 (71)Name of Applicant : 1)ADVANCED LITHIUM ELECTROCHEMISTRY CO. LTD Address of Applicant :No. 2 1 Singhua Rd. Taoyuan Taoyuan County Taiwan 330 China (72)Name of Inventor : 1)CHANG Shengshih 2)HSIEH Hanwei 3)LIN Yuankai
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(57) Abstract :

Provided is a cathode material having a double layer carbon coating and a preparation method therefor the cathode material comprising a lithium phosphate metal material a first carbon layer coated on the lithium phosphate metal material and a second carbon layer coated on the first carbon layer. The carbon source of the first carbon layer is a carbohydrate compound or a water soluble polymeric compound having a low molecular weight and the carbon source of the second carbon layer is a polymeric compound having a high molecular weight.

No. of Pages : 39 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :21/09/2013

(43) Publication Date : 26/09/2014

(51) International classification	:F28F13/06	(71)Name of Applicant :
(31) Priority Document No	:61/471328	1)WESTINGHOUSE ELECTRIC COMPANY LLC
(32) Priority Date	:04/04/2011	Address of Applicant :Suite 141 1000 Westinghouse Drive
(33) Name of priority country	:U.S.A.	Cranberry Township PA 16066 U.S.A.
(86) International Application No	:PCT/US2012/035169	(72)Name of Inventor :
Filing Date	:26/04/2012	1)WEPFER Robert M.
(87) International Publication No	:WO 2012/139139	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : STEAM GENERATOR TUBE LANE FLOW BUFFER

(57) Abstract :

A tube and shell steam generator in which a series of rods having a diameter substantially equal to that of the heat exchange tubing in the tube bundle are placed on either side of the tube lane to buffer the flow in the tube lane from the heat exchange tubes to attenuate turbulent forces on the first several rows of heat exchange tubes adjacent to the tube lane.

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

(22) Date of filing of Application :23/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PRESSURISED FLUID FLOW SYSTEM FOR A NORMAL CIRCULATION DOWN THE HOLE HAMMER AND HAMMER COMPRISING SAID SYSTEM

(51) International classification	:E21B4/14	(71)Name of Applicant :
(31) Priority Document No	:13/039543	1)DRILLCO TOOLS S.A.
(32) Priority Date	:03/03/2011	Address of Applicant : Avenida Americo Vespucio Norte 1387
(33) Name of priority country	:U.S.A.	Quilicura Santiago Chile
(86) International Application No	:PCT/CL2012/000009	(72)Name of Inventor :
Filing Date	:02/03/2012	1)AROS Jaime AndrÃs
(87) International Publication No	:WO 2012/116460	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pressurized fluid flow system for a normal circulation down the hole hammer comprises a cylinder coaxially disposed in between an outer casing and a piston that reciprocates due to changes in pressure of the pressurized fluid contained inside of a front chamber and a rear chamber located at opposites sides of the piston wherein the flow into and out of these chambers is controlled solely by the overlap or relative position of the piston and the cylinder while a supply chamber and a discharge chamber defined by recesses on the inner surface of the outer casing and separated by a dividing wall respectively supply and discharge the pressurized fluid of the front and rear chambers.

No. of Pages : 35 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :25/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MULTI INTERFACE VEHICLE CONSOLE (51) International classification :B60K37/00,B60N3/00,B60R7/04 (71)Name of Applicant : 1)FAURECIA INTERIOR SYSTEM INDIA PVT. LTD. (31) Priority Document No :NA (32) Priority Date Address of Applicant :PLOT NO.T-187 PIMPRI :NA (33) Name of priority country INDUSTRIAL AREA (B.G BLOCK), BHOSARI, PUNE-411026, :NA (86) International Application Maharashtra India :PCT/IN2011/000299 No (72)Name of Inventor : :29/04/2011 Filing Date 1)SIDDIQUI Firoz (87) International Publication :WO 2012/147086 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

Apparatus (800) and methods for mounting one or more service units (804) in the interior of a vehicle such that an interface to a selected service unit is accessible for example in a console. This is achieved by housing the one or more service units in a rotatable member (802) such that an interface portion of one of the service units housed in the rotatable member is accessible. To select the interface to a different service unit the rotatable member is move into a retracted position rotated until the interface to the selected service unit faces an opening through which it may be accessed and then extended so that the interface portion of these rotatable members may be selected to be retracted rotated and extended to select an interface to a service unit housed in that rotatable member to be accessed.

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

(22) Date of filing of Application :23/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A METHOD OF ANALYSING A BLOOD SAMPLE OF A SUBJECT FOR THE PRESENCE OF A DISEASE MARKER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G01N33/48 :11158912.3 :18/03/2011 :EPO	(71)Name of Applicant : 1)VERENIGING VOOR CHRISTELIJK HOGER ONDERWIJS WETENSCHAPPELIJK ONDERZOEK EN PATIÃ <ntenzorg< th=""></ntenzorg<>
(86) International Application No Filing Date	:PCT/NL2012/050025 :16/01/2012	Address of Applicant :De Boelelaan 1105 NL 1081 HV Amsterdam Netherlands
(87) International Publication No	:WO 2012/128616	2)STICHTING VU VUMC
(61) Patent of Addition to Application Number Filing Date	:NA :NA	(72)Name of Inventor : 1)WÃRDINGER Thomas 2)NILSSON Rolf Jonas
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a method of analysing a blood sample of a subject for the presence of a disease marker said method comprising the steps of a) extracting nucleic acid from anucleated blood cells in said blood sample to provide an anucleated blood cells extracted nucleic acid fraction and b) analysing said anucleated blood cells extracted nucleic acid fraction for the presence of a disease marker wherein said disease marker is a disease specific mutation in a gene of a cell of said subject or wherein said disease marker is a disease specific expression profile of genes of a cell of said subject.

No. of Pages : 83 No. of Claims : 20

(19) INDIA(22) Date of filing of Application :23/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ALLOY MAGNET CORE AND PROCESS FOR PRODUCING A STRIP MADE OF AN ALLOY

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:C21D1/26,C21D8/12,C22C38/02 :10 2011 002 114.0 :15/04/2011 :Germany :PCT/IB2012/051682 :05/04/2012 :WO 2012/140550 :NA :NA	 (71)Name of Applicant : 1)VACUUMSCHMELZE GMBH & CO. KG Address of Applicant :Grüner Weg 37 63450 Hanau Germany (72)Name of Inventor : 1)HERZER Giselher 2)POLAK Christian 3)BUDINSKY Viktoria
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provision is made of an alloy consisting of FeCuNbMTSiBZ and up to 1 atom% impurities where M is one or more of the elements Mo Ta or Zr T is one or more of the elements V Mn Cr Co or Ni and Z is one or more of the elements C P or Ge and 0 atom% = a < 1.5 atom% 0 atom% = b < 2 atom% 0 atom% = (b+c) < 2 atom% 0 atom% = d < 5 atom% 10 atom% < x < 18 atom% 5 atom% < y < 11 atom% and 0 atom% = z < 2 atom%. The alloy is in the form of a strip and has a nanocrystalline microstructure in which at least 50% by volume of the grains have a mean size of smaller than 100 nm a hysteresis loop with a central linear part a remanence ratio J/J < 0.1 and a ratio of coercive field strength H to anisotropy field strength H < 10%.

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

(22) Date of filing of Application :17/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SATELLITE HAVING A SIMPLIFIED STREAMLINED AND ECONOMICAL STRUCTURE AND METHOD FOR IMPLEMENTING 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 	:NA :NA :NA :PCT/FR2011/050899 :19/04/2011 :WO 2011/135230 :NA :NA :NA	 (71)Name of Applicant : Address of Applicant :6 rue Laurent Pichat F 75016 Paris France (72)Name of Inventor : CHEYNET DE BEAUPRE RenÃ
Filing Date	:NA	

(57) Abstract :

The invention relates to a satellite having a structure that includes a circular launching interface ring (1) and at least two main planar apparatus holding walls (5) that are substantially parallel to the axis (A) of the ring (1) and rigidly connected to one another and to the ring (1). Each wall (5) directly bears on the ring (1) by a base (6) of the wall (5) and each wall (5) is rigidly and directly attached to the ring (1) by at least one somewhat point by point connection (7) on at least one point or area of tangency or intersection with the base (6) of the wall (5) and the ring (1).

No. of Pages : 55 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :17/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR TREATING GLAND DYSFUNCTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	:- : - :Argentina	 (71)Name of Applicant : 1)TEARSCIENCE, INC. Address of Applicant :1101G Aviation Parkway, Morrisville, NC 27560 United States of America (72)Name of Inventor : 1)KORB, Donald, R. 2)WILLIS, Timothy, R. 3)GRAVELY, Benjamin, T. 4)GRENON, Stephen, M.
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(57) Abstract :

A method and apparatus for treating gland dysfunction caused by gland obstruction in order to restore the natural flow of secretion from the gland comprises the application of a combination of energy, suction, vibration, heat, aspiration, chemical agents and pharmacological agents to loosen and thereafter remove the obstructive material.

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

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MULTI THREAD CHAIN STITCH SEWING MACHINE WITH SEAM RAVEL PREVENTING APPARATUS

No:07/08/2012Filing Date:07/08/2012(87) International Publication No:WO 2013/022115(61) Patent of Addition to Application Number Filing Date:NA(62) Divisional to Application Number Filing Date:NANumber Filing Date:NA	 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:PCT/JP2012/070714 :07/08/2012 :WO 2013/022115 :NA :NA :NA	 (71)Name of Applicant : 1)YAMATO SEWING MACHINE MFG. CO. LTD. Address of Applicant :4 12 Nishi Temma 4 chome Kita ku Osaka shi Osaka 5300047 Japan (72)Name of Inventor : 1)HASHIMOTO Seiji
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(57) Abstract :

A needle plate base (11) in a multi thread chain stitch sewing machine with a seam ravel preventing apparatus is divided into a left needle plate base (11L) for attaching a needle plate (P) thereto and supporting a swinging support shaft (30) of a thread hanging hook (3); and a right needle plate base (11R) for fixedly supporting a stopper member (4) and a thread handling air cylinder (32) and a stopper air cylinder (42). The right needle plate base(llR) is fastened to a sewing machine bed (B). The left needle plate base (11L) is fastenably and unfastenably fastened to an upper surface of the bed(B) via screw members (102). Adj ustment of stitch performation and maintenance e.g. replacement of various kinds of components stored inside the bed can extremely easily and simply be carried out without having much trouble and requiring labor and time and therefore the stitch performation and predetermined ravel preventing function can be constantly surely reproduced.

No. of Pages : 83 No. of Claims : 14

(22) Date of filing of Application :20/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PRODUCING A MOLDED MATERIAL FROM FIBER MATERIALS AND DEVICE FOR THIS PURPOSE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F01N1/24,D04H3/002,D04H3/015 :10 2011 012 156.0 :23/02/2011 :Germany :PCT/EP2012/053071 :23/02/2012 :WO 2012/113866 :NA :NA	 (71)Name of Applicant : 1)DBW HOLDING GMBH Address of Applicant :Rodetal 40 37120 Bovenden Germany (72)Name of Inventor : 1)BAUER Thomas 2)REGENT Karl Christian 3)SCHWERDTFEGER Martin
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A first aspect of the invention relates to a method for producing a sound damping sound absorbing and/or insulating molded material. More specifically the method according to the invention relates to the production of said molded materials wherein the fiber material is wound around at least two supports and the thus obtained wound blank subsequently remains on the supports so as to further permanently set in order to obtain the molded material according to the invention. A further aspect of the invention relates to the thus obtained molded material in particular in the form of molded mats or molded parts. Said molded material can be used in particular in sound dampers. Finally the invention relates to a device for producing said molded materials from fiber materials.

No. of Pages : 19 No. of Claims : 13

(22) Date of filing of Application :20/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MUFFLER INSERT FOR MOTOR VEHICLES AND METHOD FOR PRODUCING SAME

(51) International classification:F01N1/24,B29C53/56,D04H3/002		
(31) Priority Document No	:10 2011 012 202.8	1)DBW HOLDING GMBH
(32) Priority Date	:23/02/2011	Address of Applicant :Rodetal 40 37120 Bovenden Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2012/053073 :23/02/2012	1)BAUER Thomas 2)REGENT Karl Christian 3)SCHWERDTFEGER Martin
(87) International Publication No	:WO 2012/113867	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

In a first aspect the invention relates to a muffler insert for motor vehicles in particular for passenger cars and trucks. Said muffler insert in the form of a shaped material made of glass fiber material is present in the wound form of a continuous glass fiber material wherein the glass fiber material used comprises a textured glass fiber. In a further aspect the invention relates to a method for producing such a muffler insert wherein a glass fiber material as a continuous glass fiber that is a textured glass fiber is wrapped around a carrier in order to form a shaped material and said shaped material is used as a muffler insert optionally after further processing steps.

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

(19) INDIA

(22) Date of filing of Application :20/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : NON WOVEN FIBROUS FABRIC AND PRODUCTION EQUIPMENT THEREFOR (51) International classification :D04H1/728,D04H13/00 (71)Name of Applicant : 1) GUANGZHOU SANTAI AUTOMOTIVE INTERIOR (31) Priority Document No :201110372127.2 (32) Priority Date :22/11/2011 MATERIALS CO. LTD (33) Name of priority country :China Address of Applicant :No.8 Xiniang Road Xintang Zengcheng (86) International Application No :PCT/CN2012/001269 Guangzhou Guangdong 511340 China Filing Date :17/09/2012 (72)Name of Inventor : (87) International Publication No :WO 2013/075395 1)YANG Yedong (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention discloses a kind of nonwoven fabric, which contains the directly-formed fibers disposed in fabric and arranged in a Vshaped pattern, and 65-75% of every fiber is melt-blown and the rest is polyester staple fiber so that it can form continuous, fluffy and resilient fabric structure without large voids: it also discloses a kind of nonwoven fabric manufacturing apparatus, comprising a receiver, a carding machine located at the upper of the left side of the receiver and a screw extruder located at the upper of the right side of the receiver, also a spinneret plate connected to the bottom of the screw extruder, and a lapper between the carding machine and the receiver with an electro static generating device below the spinneret plate. Looked over the longitudinal and vertical crosssections, this fabric is in a V-shaped arrangement, with high degree of tilling as well as the desired bulkiness and uniformity.

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

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SHAPE MEASURING METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application 	:G01B21/00,G01B21/20,G06T17/20 :2011-124119 :02/06/2011 y:Japan ⁿ .PCT/IP2012/054511	 (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)KIRYU Hidetake
Filing Date	:24/02/2012	2)KURA Kenji 3)YAMAMOTO Hideaki
(87) International Publication	¹ :WO 2012/164987	4)OISHI Hiroshi 5)YAMASAKI Kenjiro
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A shape measuring method comprises: a step for creating a surface (C) representing the surface shape of an object to be measured as an implicit function on the basis of measurement point group data; a step for dividing the entire measurement region in which the surface (C) is present into tetrahedral small regions (hereinafter referred to as cells) laid closely without overlapping by division processing using a three dimensional Delaunay drawing; a step for classifying the vertexes (4) of the cells into inner points (5) present inside the surface (C) and outer points (6) present outside; a step for extracting boundary cells; a step for calculating intersection points (7) of the boundary cells and the surface (C); a step for finding triangular or quadrangular faces (8) by connecting the intersection points (7) of the boundary cells; and a step for bonding all the faces (8). Consequently closed polyhedral data that is the manifold of the object to be measured and contains no self intersections can be automatically created.

No. of Pages : 59 No. of Claims : 1

(19) INDIA

(22) Date of filing of Application :18/10/2013

(43) Publication Date : 26/09/2014

(51) International classification	:G01F1/84	(71)Name of Applicant :
(31) Priority Document No	:10 2011 006 997.6	1)ENDRESS+HAUSER FLOWTEC AG
(32) Priority Date	:07/04/2011	Address of Applicant : KÃgenstr. 7 CH 4153 Reinach
(33) Name of priority country	:Germany	Switzerland
(86) International Application No	:PCT/EP2012/055186	(72)Name of Inventor :
Filing Date	:23/03/2012	1)RIEDER Alfred
(87) International Publication No	:WO 2012/136490	2)DRAHM Wolfgang
(61) Patent of Addition to Application	:NA	3)WIESMANN Michael
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : FREQUENCY ADJUSTMENT METHOD FOR A TUBE ARRAY

(57) Abstract :

The method is used to alter at least one natural frequency referred to herein as interim natural frequency which is inherent in a tube array formed by means of at least one pipe (11; 12) that is used in particular as a measuring tube of a vibration type measuring transducer but also to adjust said interim natural frequency to a desired natural frequency referred to herein as target natural frequency deviating therefrom. The tube comprises a tube wall which consists of metal for example and/or is circular cylindrical at least in some sections and a reinforcement body (151) which consists of metal and/or a material that can be bonded to the material of the tube for example and/or is plate shaped attached to the tube wall and contributes to determining said interim natural frequency of the tube array. In the method according to the invention partial volumes (151) of the reinforcement body (151) are ablated for example by means of laser in order to alter the interim natural frequency.

No. of Pages : 44 No. of Claims : 23

(22) Date of filing of Application :18/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR OPERATING AN ENGINE 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 	:F16H61/02, B60W30/18,B60W10/02,B60W10/06 :NA :NA :NA :PCT/SE2011/000064 :05/04/2011 :WO 2012/138263 :NA :NA	 (71)Name of Applicant : 1)VOLVO LASTVAGNAR AB Address of Applicant :S 405 08 GÃteborg Sweden (72)Name of Inventor : 1)LARSSON Lena 2)ERIKSSON Anders 3)Ã-BERG Jan
Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a system and a method for operating an engine (20) of a vehicle (10) particularly a commercial vehicle wherein a transmission (22) coupled to the engine (20) has a freewheeling mode. The engine is switched off by setting the transmission (22) into the freewheeling mode and interrupting fuel supply to the engine (20) in the freewheeling mode depending on one or more operating conditions of the vehicle (10). A gear in the transmission (22) is selected proactively depending on one or more

operating actions of the vehicle (10) anticipated to be required on or within a predefined time limit after restart of the engine (20).

No. of Pages : 26 No. of Claims : 30

(22) Date of filing of Application :18/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND INTERNAL COMBUSTION ENGINE SYSTEM FOR KEEPING AN EXHAUST GAS AFTERTREATMENT SYSTEM WITHIN ITS WORKING TEMPERATURE RANGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	n:F01N3/20,F02D41/00,F02M25/07 :NA :NA :NA :PCT/SE2011/000077	 (71)Name of Applicant : 1)VOLVO TECHNOLOGY CORPORATION Address of Applicant :S 405 08 GÃteborg Sweden (72)Name of Inventor : 1)ALM Christer
Filing Date (87) International Publication	:02/05/2011 :WO 2012/150879	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention describes a method and internal combustion engine system for keeping an exhaust gas aftertreatment system (14) within its working temperature range during an idle or motoring engine operation mode of an internal combustion engine. The method comprises the steps of: (i) Sensing the temperature of the gas at the gas intake side (5) of the internal combustion engine (1) and/or of the exhaust gas; (ii) Determining whether or not the sensed temperature value is in a predetermined temperature interval or below a predetermined temperature threshold; (iii) Determining whether the internal combustion engine (1) is in idle or motoring engine operation mode; (iv) In case the internal combustion engine (1) is determined to be in an idle or motoring engine operation mode controlling the temperature of the gas at the gas intake side (5) of the internal combustion engine (1) to be within the predetermined temperature range or below the predetermined temperature threshold by recirculating exhaust gas through a connecting duct (20) by controlling at least one valve (22; 24).

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

(19) INDIA

(22) Date of filing of Application :29/10/2013

(54) Title of the invention : A METHOD FOR ENHANCING THE PERFORMANCE OF A PESTICIDE WITH GUANIDINES

(57) Abstract :

The present invention relates to a method for enhancing the performance of a pesticide comprising the step of contacting an adjuvant and the pesticide wherein the pesticide is present in a concentration of less than 10 wt% in the resulting composition containing the adjuvant and the pesticide and wherein the adjuvant contains a guanidine of formula (A) as defined below and/or a salt thereof. The invention also relates to a composition comprising an auxin herbicide and said adjuvant; to a use of said adjuvant for enhancing the performance of a pesticide; and to a method of controlling undesired vegetation which comprises allowing a herbicidal effective amount of said composition to act on plants their habitat or on seed of said plants.

No. of Pages : 33 No. of Claims : 16

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROBIOTIC BACTERIA HAVING ANTIOXIDANT ACTIVITY AND USE THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K35/74 :NA :NA :NA :PCT/IB2011/000561 :17/03/2011 :WO 2012/123770 :NA :NA :NA :NA	 (71)Name of Applicant : 1)PROBIOTICAL S.P.A. Address of Applicant :Via E. Mattei 3 I 28100 Novara (NO) Italy (72)Name of Inventor : 1)MOGNA Giovanni 2)STROZZI Gian Paolo 3)MOGNA Luca
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(57) Abstract :

The present invention relates to a composition having antioxidant activity. Furthermore the present invention relates to probiotic bacteria having antioxidant activity and the use thereof.

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

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : LANDING OR CAR DOOR FOR LIFTS AND MOUNTING 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 	:B66B13/08,B66B13/30 :NA :NA :NA :PCT/IT2011/000053 :28/02/2011 :WO 2012/117425 :NA :NA	 (71)Name of Applicant : 1)SEMATIC S.P.A. Address of Applicant :Via Zappa Comm. Francesco 5 I 24046 Osio Sotto Bergamo Italy (72)Name of Inventor : 1)ZAPPA Roberto
(62) Divisional to Application Number Filing Date	:NA :NA	
	.11A	

(57) Abstract :

A landing or car door for lifts (4) comprising a frame (8) which defines the perimeter of an access aperture of the door the frame (8) comprising a pair of uprights (12) and a pair of crossbeams (16) the crossbeams (16) respectively comprising an upper horizontal sliding guide (24) and a lower horizontal sliding guide (28) at least two reciprocally sliding panels (32) to open and close the access aperture of the door (4) Advantageously sliding devices (44) and closure devices (48) are directly attached to each panel (32) so that the panels (32) are self supporting wherein the sliding devices (44) couple with the sliding guides (24 28) of the crossbeams (16) to permit and guide the opening and closing movements of the panels (32) and the closure devices (48) are suitable to block and release the panels (32).

No. of Pages : 19 No. of Claims : 13

(22) Date of filing of Application :18/10/2013

(54) Title of the invention : METHOD FOR TRIMMING A PIPE

(43) Publication Date : 26/09/2014

(=)		
(51) International classification	:G01F1/84	(71)Name of Applicant :
(31) Priority Document No	:10 2011 006 919.4	1)ENDRESS+HAUSER FLOWTEC AG
(32) Priority Date	:07/04/2011	Address of Applicant : KÃgenstr. 7 CH 4153 Reinach
(33) Name of priority country	:Germany	Switzerland
(86) International Application No	:PCT/EP2012/055184	(72)Name of Inventor :
Filing Date	:23/03/2012	1)RIEDER Alfred
(87) International Publication No	:WO 2012/136489	2)DRAHM Wolfgang
(61) Patent of Addition to Application	:NA	3)WIESMANN Michael
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract		

(57) Abstract :

The invention relates to a method for trimming a pipe (11) which has at least one reinforcement body (151) mounted on the pipe wall thereof to a target flexural rigidity wherein the pipe initially has an interim flexural rigidity greater than the target flexural rigidity. In order to reduce the interim flexural rigidity of the pipe to the target flexural rigidity according to the method partial volumes (151) of the reinforcement body (151) are ablated for example by means of a laser.

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

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SINGLE CHAIN ANTIBODIES FOR PHOTOSYNTHETIC MICROORGANISMS AND METHODS OF USE

(57) Abstract :

A single chain antibody that binds algae is described. The single chain antibody for algae is used to capture algae onto bioactive films. The single chain antibody is also used in a chimeric construct having a substrate binding domain and a single chain antibody domain. Dimers trimmers and multimer constructs are also described that aid in collection of algae from liquid mixtures by causing flocculation of algae cells.

No. of Pages : 93 No. of Claims : 54

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : RESIN COMPOSITION AND ADHESIVE		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	a :C08L33/04,B29C65/48,C08F2/48 :2011089628 :13/04/2011 :Japan :PCT/JP2012/060153 :13/04/2012 :WO 2012/141298 :NA :NA :NA	 (71)Name of Applicant : 1)DENKI KAGAKU KOGYO KABUSHIKI KAISHA Address of Applicant :1 1Nihonbashi Muromachi 2 chomeChuo ku Tokyo 1038338 Japan (72)Name of Inventor : 1)HISHAYuki 2)YODAKimihiko

(57) Abstract :

The purpose of the present invention is to provide a resin composition which exhibits high bonding strength. The resin composition contains the following components (A) (F). Component (A) is a (meth)acrylate having a dicyclopentenyl group; component (B) is a (meth)acrylate having a hydroxyl group; component (C) is an oligomer that has a diene skeleton or a hydrogenated diene skeleton but does not have a (meth)acryloyl group; component (D) is a silane coupling agent; component (E) is a photopolymerization initiator; and component (F) is a (meth)acrylic acid. A polyvinyl alcohol may be additionally contained as component (G).

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

(19) INDIA

(22) Date of filing of Application :26/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : HERBAL COMPOSITION FOR ALLEVIATION OF PAIN IN JOINTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61K36/00, A61P 19/02 :NA :NA :NA :NA	 (71)Name of Applicant : 1)MAHAVIR JAYKUMARJI SHAH Address of Applicant :BUILDING NO. 2, FLAT NO. 10, PRATIKNAGAR, PAUD ROAD, PUNE 411038, MAHARASHTRA, INDIA. (72)Name of Inventor :
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:NA :N/A :NA	1)MAHAVIR JAYKUMARJI SHAH
(61) Factor Addition to Application Number(62) Divisional to Application NumberFiling Date	:NA :NA :NA	

(57) Abstract :

Disclosed herein is a synergistic herbal composition for alleviation of indications involving an inflammatory component such as inflamed bones or joints and further effectively restoring the functionality of said joints. Also described are method of its preparation and use.

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

(19) INDIA

(22) Date of filing of Application :18/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : BACTERIAL STRAINS BELONGING TO THE GENUS BIFIDOBACTERIUM FOR USE IN THE TREATMENT OF HYPERCHOLESTEROLAEMIA

(51) International classification	:A61K35/74,A23L1/30	(71)Name of Applicant :
(31) Priority Document No	:MI2011A000792	1)PROBIOTICAL S.P.A.
(32) Priority Date	:09/05/2011	Address of Applicant : Via Mattei 3 28100 Novara NO Italy
(33) Name of priority country	:Italy	(72)Name of Inventor :
(86) International Application No	:PCT/IB2012/000907	1)MOGNA Giovanni
Filing Date	:09/05/2012	2)STROZZI Gian Paolo
(87) International Publication No	:WO 2012/153179	3)MOGNA Luca
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		I

(57) Abstract :

The present invention relates to selected bacterial strains belonging to the genus Bifidobacterium for use in the treatment of hypercholesterolaemia. In particular the present invention relates to a food composition or supplement product or medical device or pharmaceutical composition comprising said bacterial strains in association with sterols or phytosterols and/or stanols or phytostanols and/or glucomannan and/or konjac gum and/or prebiotic fibres and/or fermented red rice and/or betaglucans from oats oat bran barley barley bran and/or aloe arborescens gel in lyophilized form.

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

(22) Date of filing of Application :18/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A CRYSTALLINE FORM OF A SALT OF A MORPHOLINO SULFONYL INDOLE DERIVATIVE AND A PROCESS FOR ITS PREPARATION

classification :C0/D413/14,A61K31/53/7,A61P35/00 1)PIRAMAL ENTERPRISES LIMITED	 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C0/D413/14,A61K31/53/7,A61P35/0 ocument :61/477937 ate :21/04/2011 priority :U.S.A. hal :PCT/IB2012/051967 oe :19/04/2012 hal :WO 2012/143879 Addition to :NA e :NA to :NA to :NA to :NA	I)PIRAMAL ENTERPRISES LIMITED Address of Applicant :PIRAMAL TOWER, GANPATRAO KADAM MARG, LOWER PAREL, MUMBAI-400 013, MAHARASHTRA, India (72)Name of Inventor : 1)CHENNAMSETTY Suneel Manohar Babu 2)JOSHI Kishor 3)CHINCHWADE Yogesh 4)HULAWALE Yogesh 5)PARAMASIVAN Selvam 6)SIVAKUMAR Meenakshi)
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(57) Abstract :

The present invention relates to a crystalline form of a pharmaceutically acceptable salt of a morpholino sulphonyl indole derivative that is capable of inhibiting modulating and/or regulating Insulin Like Growth Factor I Receptor and Insulin Receptor. The present invention also relates to a process for the preparation of the crystalline form of said compound. Formula (I):

No. of Pages : 50 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :18/10/2013

(54) Title of the invention : CONDENSING DEHUMIDIFIER

(43) Publication Date : 26/09/2014

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(51) International classification	:F26B3/06,B29B13/06	(71)Name of Applicant :
(31) Priority Document No	:1020110068682	1)DAEHAN ELECTRIC CO. LTD.
(32) Priority Date	:12/07/2011	Address of Applicant :#318 4 Ba 719 7 Seonggok dong
(33) Name of priority country	:Republic of Korea	Danwon Gu Ansan shi Gyeonggi do 425 110 Republic of Korea
(86) International Application No	:PCT/KR2012/001545	(72)Name of Inventor :
Filing Date	:29/02/2012	1)YOUN You jung
(87) International Publication No	:WO 2013/008991	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to the present invention a condensing dehumidifier comprises: a main body having a space for receiving an object to be dried and an inlet and an outlet formed at the top and bottom respectively of the receiving space; a drying unit for supplying heated air through the main body inlet to the receiving space; a condensing unit for cooling and condensing the heated air discharged through the main body outlet and separating the air into condensed water and dry air; a first pipe connecting the main body outlet and the condensing unit to each other and transferring the heated air discharged through the main body outlet to the condensing unit; a second pipe connecting the condensing unit and the drying unit to each other and transferring the dry air separated by the condensing unit to the drying unit; and an intermediate pipe one end of which is branched from the first pipe and the other end of which is connected to the second pipe wherein a portion of the heated air discharged through the main body outlet passes through the intermediate pipe past the drying unit and is supplied to the receiving space.

No. of Pages : 16 No. of Claims : 4

(22) Date of filing of Application :30/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : NOVEL COMPOUND USEFUL FOR THE TREATMENT OF DEGENERATIVE AND INFLAMMATORY DISEASES

 country (86) International Application No :26/04/2012 (87) International :WO 2012/146657 (61) Patent of Addition to :NA (62) Divisional to :NA (62) Divisional to :NA 	 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:28/04/2011 :U.S.A. :PCT/EP2012/057652 :26/04/2012 :WO 2012/146657 O:NA :NA :NA	1)GALAPAGOS NV Address of Applicant :Generaal De Wittelaan L11/A3 B 2800 Mechelen Belgium (72)Name of Inventor : 1)MENET Christel Jeanne Marie 2)HODGES Alastair James
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(57) Abstract :

A pyrazolopyridine compound according to Formula I able to inhibit JAK is disclosed as well as pharmaceutically acceptable salts a solvate thereof solvates of the pharmaceutically acceptable salts and biologically active metabolite thereof. The compound may be prepared as a pharmaceutical composition and may be used for the treatment or prophylaxis of a variety of conditions in mammals including humans and particularly such conditions as may be associated with aberrant JAK activity including by way of non limiting example allergy inflammatory conditions autoimmune diseases proliferative diseases transplant rejection diseases involving impairment of cartilage turnover congenital cartilage malformations and/or diseases associated with hyper secretion of IL6.

No. of Pages : 58 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :18/10/2013

(43) Publication Date : 26/09/2014

(51) International classification	:A61B19/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DATE Ranjit
(32) Priority Date	:NA	Address of Applicant :13/4 Nalini Mahadeo Near Lokmanya
(33) Name of priority country	:NA	Hospital Off. Karve Road Pune 411004 MAHARASHTRA,
(86) International Application No	:PCT/IN2011/000188	INDIA.
Filing Date	:21/03/2011	2)DATE Jaydeep
(87) International Publication No	:WO 2012/127480	3)DESAI Mihir
(61) Patent of Addition to Application	NT A	(72)Name of Inventor :
Number	:NA	1)DATE Ranjit
Filing Date	:NA	2)DATE Jaydeep
(62) Divisional to Application Number	:NA	3)DESAI Mihir
Filing Date	:NA	
		1

(54) Title of the invention : ROBOTIC SURGICAL INSTRUMENT SYSTEM

(57) Abstract :

A robotic surgical instrument system for performing a surgical procedure is envisaged wherein the system is a dual articulated arm configuration robot that enables entry into an operative space via an access port. Surgical arms are inserted into the operative space in a substantially straight line and then articulated inside the operative space. The articulation of the surgical arms by a surgical console is achieved using triangulatiori .

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

(22) Date of filing of Application :29/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : FLUID COOLED INJECTOR AND EXHAUST AFTERTREATMENT SYSTEM VEHICLE AND METHOD USING A FLUID COOLED INJECTOR

(51) International classification	:F01N3/00	(71)Name of Applicant :
(31) Priority Document No	:61/471371	1)MACK TRUCKS INC.
(32) Priority Date	:04/04/2011	Address of Applicant :7900 National Service Road
(33) Name of priority country	:U.S.A.	Greensboro NC 27409 UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2011/051895	(72)Name of Inventor :
Filing Date	:16/09/2011	1)SHAO Sten
(87) International Publication No	:WO 2012/138373	2)MEIER Philip
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
6	27.4	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

A fluid cooled injector includes an injector body comprising an injector tip and a cooling channel the injector tip comprising an injector orifice and a heat conducting shield the heat conducting shield comprising a heat conducting shield orifice arranged coaxially with the injector orifice the heat conducting shield being in direct contact with at least one of the injector body and the injector tip. An exhaust aftertreatment system and a vehicle including such an injector and a method involving the use of such an injector are also disclosed.

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

(19) INDIA

(22) Date of filing of Application :29/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ENCAPSULATION OF EXTRACT IN POROUS 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 		 (71)Name of Applicant : PEPSICO INC. Address of Applicant :700 Anderson Hill Road Purchase New York 10577 UNITED STATES OF AMERICA (72)Name of Inventor : CLARK Anthony James FRENCH Justin Andrew GEORGE Eapen GROVER Julie Anne TIWARI Rashmi YEP Gregory Lee
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A process in which the extract of an extraction process such as a supercritical fluid extraction process such as a fugitive extract and particularly an ingestible extract is recovered by depositing the extract within the pores of a porous particle that is suitable for direct use as a food additive or as a nutraceutical.

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

(22) Date of filing of Application :29/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : THICKENED VISCOELASTIC FLUIDS AND USES THEREOF

 (51) International classification (31) Priority Document No (31) Priority Date (32) Priority Date (33) Name of priority country (U.S.A. (86) International Application No:PCT/EP2012/059320 Filing Date (21/05/2012 (87) International Publication No:WO 2012/160008 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application NA Name Filing Date (51) International to Application NA 	 (71)Name of Applicant : 1)Akzo Nobel Chemicals International B.V. Address of Applicant :Stationsstraat 77 NL 3811 MH Amersfoort Netherlands (72)Name of Inventor : 1)GADBERRY James F. 2)ENGEL Michael J. 3)NOWAK John Douglas 4)ZHOU Jian 5)WANG Xiaoyu
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(57) Abstract :

The present invention generally relates to a viscoelastic fluids thickened acid compositions and the like and to methods of using said gelled compositions. The thickened compositions of the present invention can usefully be employed in methods of stimulating and/or modifying the permeability of underground formations in drilling fluids completion fluids workover fluids acidizing fluids fracturing gravel packing and the like.

No. of Pages : 25 No. of Claims : 18

(21) Application No.2024/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : DEVICE FOR MANUFACTURING SCREW ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	-	 (71)Name of Applicant : 1)ILSINHITEC CO. LTD Address of Applicant :115 5 Beombak dong Sosa gu Bucheon si Gyeonggi do 422 805 Republic of Korea (72)Name of Inventor : 1)LEE Soon Keun
(87) International Publication No	:WO 2012/144737	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is a device for manufacturing a screw assembly. A device for manufacturing a screw assembly according to one aspect of the present invention includes: a press means for pressing a screw; a washer insertion groove in which a washer is inserted; and a washer fixing jig which communicates with the washer insertion groove and comprises a screw penetration hole in which the body section of the screw is inserted. The screw penetration hole has a diameter which is larger than the maximum diameter of the thread of the screw and the center hole formed in the washer. Additionally the press means presses the screw such that the body section thereof passes through the center hole and the screw penetration hole.

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

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : TREATMENT OF SOLID TUMOURS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K31/53,A61K31/16,A61K31/4196 :1100201-1 :21/03/2011 :Sweden :PCT/SE2012/000034 :14/03/2012 :WO 2012/128689 :NA :NA :NA	 (71)Name of Applicant : 1)VIVOLUX AB Address of Applicant :Hus Oscar II Uppsala Science Park S 75183 Uppsala Sweden (72)Name of Inventor : 1)LINDER Stig 2)FRYKNÃ,,S MÃrten 3)LARSSON Rolf
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(57) Abstract :

A cell permeable iron chelator optionally in combination with an autophagy inhibiting agent is used for treating a solid cancer tumour in a person. A preferred chelator is an alkyl substituted N (1 pyridine 2 yl methylidene) N (1 3 4 9 tetraaza fluoren 2 yl) hydrazine. A preferred autophagy inhibiting agent is chloroquine. Also disclosed is a pharmaceutical composition comprising iron chelator pharmaceutically acceptable carrier and optionally autophagy inhibiting agent; and a method of treating cancer by administering cancer combating effective amount(s) of the iron chelator or the combination of iron chelator and autophagy inhibiting agent.

No. of Pages : 37 No. of Claims : 14

(22) Date of filing of Application :18/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CYCLIC PEPTIDE FROM NONOMURAEA SP. PROCESS FOR THE PRODUCTION THEREOF AND PHARMACEUTICAL COMPOSITION FOR THE PREVENTION OR TREATMENT OF MYCOBACTERIA RELATED DISEASE COMPRISING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07K7/64 :61/476473 :18/04/2011 :U.S.A. :PCT/KR2012/002933 :18/04/2012 :WO 2012/144790 :NA :NA :NA :NA	 (71)Name of Applicant : MYONGJI UNIVERSITY INDUSTRY AND ACADEMIA COOPERATION FOUNDATION Address of Applicant :116 Myongji ro Cheoin gu Yongin si Gyeonggi do 449 728 Republic of Korea THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS (72)Name of Inventor : I)KIM Jong Woo 2)LEE Sang Wook 3)PARK Sang Jin 4)SUH Joo Won 5)LEE In Ae (YOON Tae Mi 7)CHOI Jong Keun 8)LEE Ji Ean 9)KIM Jin Yong 10)JIN Ying Yu 11)FRANZBLAU Scott 12)CHO Sanghyun
	:WO 2012/144790	
	:NA	12)CHO Sanghyun
		13)GAO Wei
		14)PAULI Guido
		15)McALPINE James 16)NAPOLITANO Jose
		17)JAKI Birgit
		18)FRIESEN Brent
		19)RODRIGUEZ BRASCO Maria Florencia
		20)LANKIN David

(57) Abstract :

The present invention relates to novel anti TB cyclic peptides from MJM5123 a process for the production of the anti Tuberculosis peptide and a pharmaceutical composition for the prevention and treatment of mycobacterial infection comprising the same. The composition of the present invention is highly active against replicating/non replicating including MDR and XDR strains so that it can be effectively used as a therapeutic agent for tuberculosis.

No. of Pages : 54 No. of Claims : 10

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:D21H17/00	(71)Name of Applicant :
(31) Priority Document No	:61/467420	1)NANOPAPER LLC
(32) Priority Date	:25/03/2011	Address of Applicant :35 Spinelli Place Cambridge MA 02138
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/030297	(72)Name of Inventor :
Filing Date	:23/03/2012	1)JOGIKALMATH Gangadhar
(87) International Publication No	:WO 2012/135001	2)REIS Lynn
(61) Patent of Addition to Application	:NA	3)SOANE David S.
Number		4)SCHNEIDER Andrea
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : VOLATILE DEBONDER FORMULATIONS FOR PAPERMAKING

(57) Abstract :

Formulations and methods for papermaking are disclosed herein using one or more volatile debonders where the volatile debonder forms a solution or an emulsion with water in a paper precursor and where the volatile debonder is evaporable from the paper precursor before the paper precursor is completely dried to form a paper sheet during papermaking. Two volatile debonders having different boiling points can be used where they are miscible in water and in each other and where one volatile debonder has a higher molecular weight and the other volatile debonder has a lower boiling point.

No. of Pages : 37 No. of Claims : 28

(22) Date of filing of Application :30/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : DEUTERATED DERIVATIVES OF IVACAFTOR

(33) Name of priority country:U.S.A.(72)Name of Inventor : 1)MORGAN Adam J.(86) International Application No:PCT/US2012/038297 :17/05/2012:11)MORGAN Adam J.(87) International Publication No:WO 2012/158885:WO :NA(61) Patent of Addition to Application Number Filing Date:NA:NA(62) Divisional to Application Number Filing Date:NA:NA(62) Divisional to Filing Date:NA:NA	country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:C07D215/56,C07B59/00,A61K31/47 :61/487497 :18/05/2011 :U.S.A. :PCT/US2012/038297 :17/05/2012 :WO 2012/158885 :NA :NA :NA	
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(57) Abstract :

This invention relates to compounds of Formula I: and pharmaceutically acceptable salts thereof. This invention also provides compositions comprising a compound of this invention and the use of such compositions in methods of treating diseases and conditions that are beneficially treated by administering a CFTR potentiator.

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

(19) INDIA

(22) Date of filing of Application :30/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : POLYMERIC MATERIALS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	¹ :PCT/GB2012/051434 :21/06/2012 :WO 2012/175965 :NA :NA	 (71)Name of Applicant : 1)INVIBIO LIMITED Address of Applicant :Technology Centre Hillhouse International Thornton Cleveleys Lancashire FY5 4QD U.K. 2)THE UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW (72)Name of Inventor : 1)SERENO Nuno 2)WILLIAMS Vaughn 3)JARMAN SMITH Marcus 4)GADEGAARD Nikolaj
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(57) Abstract :

Topographical features such as projections or recesses having a maximum dimension which is less than 3μ m with the features being separated by a distance which is less than 10μ mare transferred to polyetheretherketone on an industrial scale by injection moulding relatively low viscosity PEEK using a mould in which is arranged a master structure which carries the desired topography. The topographical features increase the water contact angle of a surface which includes them and such a modified surface has been shown to influence cell attachment and differentiation. Parts which incorporate the topographical features may be used in medical devices such as implantable medical devices for cardiology or for neuromodulation.

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

(19) INDIA

(22) Date of filing of Application :21/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SCREW SHAPED GRINDSTONE FOR GRINDING GEARS AND METHOD FOR GRINDING GEARS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B23F21/02,B23F5/04 :2011-154381 :13/07/2011 :Japan :PCT/JP2012/053908 :20/02/2012 :WO 2013/008485 :NA :NA	 (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 2)OCHI Masashi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided are: a screw shaped grindstone for grinding gears that has a simple configuration and is capable of grinding gears with high precision; and a method for grinding gears. The screw shaped grindstone (20) for grinding gears which grinds a workpiece (W1) by rotating while meshing with the workpiece (W1) comprises a screw shaped grindstone (21) that grinds the workpiece (W1) and a screw shaped grindstone (22) that is linked to the screw shaped grindstone (21) on the same axis and grinds the workpiece (W1) which has been ground by the screw shaped grindstone (21). A plurality of grinding ranges (L1 L2) that are sectioned at prescribed lengths in the width direction of the grindstone are established with respect to the screw shaped grindstones (21 22) and each grinding range (L1 L2) of the screw shaped grindstones (21 22) serves as the range of use per workpiece (W1).

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

(19) INDIA

(22) Date of filing of Application :21/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MACHINE TOOL

(51) Internationalclassification(31) Priority Document No	:B23Q17/22,B23Q17/20,B23Q17/24 :2011-133856	 (71)Name of Applicant : 1)MITSUBISHI HEAVY INDUSTRIES LTD. Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo
(32) Priority Date	:16/06/2011	1088215, Japan
(33) Name of priority country	y:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/JP2012/054510 :24/02/2012	1)YAMAWAKI Teruaki 2)KURA Kenji 3)YAMATE Toyoharu
(87) International Publication	¹ :WO 2012/172833	4)YAMAMOTO Hideaki 5)SHIBUYA Taro
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a machine tool that is capable of easily measuring a workpiece in a short period of time and processing the workpiece with high precision. For this purpose the machine tool which processes a workpiece (W) with a tool (T) by moving a principal axis (14) on which the tool (T) can be mounted and the workpiece (W) relative to each other horizontally and vertically is provided with: a saddle (12) that rotatably supports the principal axis (14) and is supported to be movable vertically; a workpiece measuring instrument (30) that contactlessly measures the workpiece (W); a transport device (15) that is provided on the side surface of the saddle (12) and transports the workpiece measuring instrument (30) between a measurement position (P1) and a standby position (P2); and an NC device (20) that after assessing whether or not the workpiece (W) has a poor fitting or poor shape based on the measurement results of the workpiece measuring instrument (30) controls the movement of the tool (T) and the workpiece (W) according to the assessment results.

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

(22) Date of filing of Application :30/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR DETERMINING CHANNEL QUALITY INDICATOR BASE STATION AND USER EQUIPMENT THEREFOR

(57) Abstract :

A method for determining Channel Quality Indicators to be reported by User Equipments in base station cooperation and a base station and a User Equipment therefor are provided. The method comprising: assigning a sequence of adjustment factors to various possible base station cooperations; transmitting the assigned adjustment factors to UEs; calculating an original CQI for each possible base station cooperation in each UE; adjusting the original CQIs based on the received adjustment factors in UEs; and reporting one or multiple original CQI(s) that are the highest after the aforesaid adjustment and knowledge of which CQI(s) are reported to the base station by each UE.

No. of Pages : 24 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :30/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD OF SCRAMBLING SIGNALS TRANSMISSION POINT DEVICE AND USER EQUIPMENT USING THE METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:PCT/CN2011/077203 :15/07/2011 :China	 (71)Name of Applicant : 1)PANASONIC INTELLECTUAL PROPERITY CORPORATION OF AMERICA Address of Applicant :20000 MARINER AVENUE, SUITE 200, TORRANCE CA 90503 U.S.A. (72)Name of Inventor :
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/010349 :NA :NA :NA :NA	 (72)Name of Inventor 1 1)ZHANG, ZHI 2)XU Ming 3)HOSHINO Masayuki 4)IMAMURA Daichi 5)NISHIO Akihiko

(57) Abstract :

Method of scrambling signals transmission point device and user equipment using the method are provided. The method is for scrambling signals assigned on predetermined radio resources of at least one layer of resource blocks with the same time and frequency resources and comprises the steps of: sending an ID table to a user equipment through higher layer signaling the ID table being a subset of the whole ID space and containing available IDs for the user equipment; notifying the user equipment an ID in the ID table to be used through physical layer signaling or UE specific higher layer signaling; generating a random seed based on the notified ID; initializing a scrambling sequence by the random seed; and scrambling the signals with the initialized scrambling sequence. The method of the disclosure by combining physical layer signaling and higher layer signaling may notify the used group ID and the blind detection space to a UE the blind detection for the UE is enabled and the signaling overhead is reduced.

No. of Pages : 82 No. of Claims : 39

(19) INDIA

(22) Date of filing of Application :21/10/2013

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:2011-095796 :22/04/2011 :Japan :PCT/JP2012/057638 :23/03/2012 :WO 2012/144293 :NA	 (71)Name of Applicant : 1)ALPHA CORPORATION Address of Applicant :6 8 Fukuura 1 chome Kanazawa ku Yokohama shi Kanagawa 2360004, Japan 2)NISSAN MOTOR CO. LTD. (72)Name of Inventor : 1)KUDOH Shuichi 2)ICHIKAWA Shinji 3)YOSHIDA Ryuichi
(87) International Publication No(61) Patent of Addition to Application	:WO 2012/144293	1)KUDOH Shuichi 2)ICHIKAWA Shinji
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : HANDLE BASE ATTACHMENT STRUCTURE

(57) Abstract :

In the present invention the door handle device of a vehicle is provided with: a handle base disposed along the rear surface of a door panel; and an operation handle that is coupled to the handle base. The handle base has: a hook shaped restraining section that rides up on a hanging section provided to the opposing margin along the sliding direction of a device aperture provided to the door panel accompanying a sliding operation along the door panel; a panel contact section that pincers the door panel in cooperation with the hook shaped restraining section; and an elastic locking piece that restricts the rearwards motion of the handle base by snap locking to the center back margin of the device aperture and restricts removal of the hook shaped restraining section from the hanging section.

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

(22) Date of filing of Application :21/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : TERMINAL APPARATUS AND TRANSMISSION METHOD

 classification (31) Priority Document No :2 (32) Priority Date :1 (33) Name of priority country (86) International :1 Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to	13/07/2011 Japan PCT/JP2012/004246 29/06/2012 WO 2013/008404 NA NA	 (71)Name of Applicant : 1)PANASONIC INTELLECTUAL PROPERITY CORPORATION OF AMERICA Address of Applicant :20000 MARINER AVENUE, SUITE 200, TORRANCE CA 90503 U.S.A. (72)Name of Inventor : 1)OIZUMI Toru 2)IMAMURA Daichi 3)NISHIO Akihiko 4)SUZUKI Hidetoshi
Application Number :	NA NA	

(57) Abstract :

The purpose of the present invention is to inhibit an increase in the amount of A/N resources without changing the timing at which the error detection result of an SCell is notified when UL DL configurations to be configured for each of the unit bands are different from the timing at which the error detection result is notified when just a single unit band is configured. A control unit (208) transmits using a first unit band a response signal including error detection results about data received with both the first unit band and a second unit band. In a first composition pattern set for the first unit band an uplink communication subframe is set to be the same timing as at least an uplink communication subframe of a second composition pattern set for the second unit band.

No. of Pages : 132 No. of Claims : 15

(21) Application No.1964/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:G06Q50/24	(71)Name of Applicant :
(31) Priority Document No	:13/115185	1)AZURE VAULT LTD
(32) Priority Date	:25/05/2011	Address of Applicant : P.O. Box 4081 52501 Ramat Gan Israel
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IB2012/052492	1)RUSSAK Zeev
Filing Date	:17/05/2012	
(87) International Publication No	:WO 2012/160489	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : REMOTE CHEMICAL ASSAY CLASSIFICATION

(57) Abstract :

A portable device for remote chemical assay classification comprising a computer processor and an apparatus implemented on the computer processor the apparatus comprising: an out of sample data receiver configured to receive data defining an out of sample extension extracted on a remote computer from classifying test assays of a chemical reaction on the remote computer into at least two groups and an assay classifier in communication with the out of sample data receiver configured to classify a new assay of the chemical reaction into one of the groups using the data defining the out of sample extension.

No. of Pages : 52 No. of Claims : 31

(21) Application No.1965/MUMNP/2013 A

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : CALCIUM SEQUESTERING COMPOSITION

 (51) International classification :C11D3/06,C11D3/08,C11D3/ (31) Priority Document No :61/477774 (32) Priority Date :21/04/2011 (33) Name of priority country :U.S.A. (86) International Application No:PCT/US2012/034538 Filing Date :20/04/2012 (87) International Publication No :WO 2012/145688 (61) Patent of Addition to :WA 2012/145688 (61) Patent of Addition to :NA Filing Date :NA 	 (71)Name of Applicant : 1)RIVERTOP RENEWABLES INC. Address of Applicant :P.O. Box 8165 Missoula Montana 59807 8165 UNITED STATES OF AMERICA (72)Name of Inventor : 1)SMITH Tyler N. 2)SHIRLEY Richard
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(57) Abstract :

This invention relates to compositions which are capable of sequestering calcium ions and are derived in part from renewable carbohydrate feedstocks. The calcium sequestering compositions are mixtures containing one or more hydroxycarboxylic acid salts one or more oxoacid anion salts and one or more citric acid salts.

No. of Pages : 37 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :31/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : LIPOSOMAL VANCOMYCIN FOR THE TREATMENT OF MRSA INFECTIONS

(51) International classification	:A61K9/127, A61k31/00	(71)Name of Applicant : 1)CEDARS SINAI MEDICAL CENTER
(31) Priority Document No	:61/479305	Address of Applicant :8700 Beverly Boulevard Los Angeles
(32) Priority Date	:26/04/2011	California 90048 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2012/035134	1)LIU George Y.
Filing Date	:26/04/2012	2)OMRI Abdel
(87) International Publication No	:WO 2012/149116	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses formulations of liposomal vancomycin that are highly effective in the treatment of bacterial infections and particularly MRSA infections. The present invention further teaches methods of using the formulations disclosed herein for the treatment of bacterial infections. The inventors determined that certain formulations disclosed herein are likely to result in lower toxicity than what is normally associated with vancomycin treatment.

No. of Pages : 24 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :26/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : BARREL WITH ATTACHED CAP PREFILLED SYRINGE AND CAP WITH ATTACHED CONNECTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:NA :NA :PCT/JP2011/059701 :20/04/2011 :WO 2012/144026	 (71)Name of Applicant : 1)TAISEI KAKO CO. LTD. Address of Applicant :8 1 Toyosaki 6 chome Kita ku Osaka shi Osaka 5310072 Japan (72)Name of Inventor : 1)HORITA Taiji 2)ASAHI Norihiko 3)MATSUMOTO Ippei
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	3)MATSUMOTO Ippei 4)TANIGUCHI Kensuke 5)KARASAWA Takeshi 6)SASAKI Akemi
Filing Date	:NA	

(57) Abstract :

The invention provides a barrel with an attached cap a prefilled syringe and a cap with an attached connector that can handle both Luer Lok type connection fittings and slip in type connection fittings. In the invention a connector (3) which is separably connected to a cap (2) and separates from a barrel (1) together with the cap (2) when mounted on the barrel (1) via the cap (2) at an initial position is characterized in being equipped with a connector engaging part (33) that engages with a barrel engaging part (13) of the barrel (1) at a mounting position that is closer to the base end than the initial position in the axial direction of the barrel (1) so that the connector separates from the cap (2) and is mounted on the barrel (1) when the cap separates from the nozzle part (11).

No. of Pages : 40 No. of Claims : 7

(19) INDIA

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

(54) Title of the invention : ELECTRONIC PIPETTE WITH TWO AXIS CONTROLLER

(43) Publication Date : 26/09/2014

(51) International classification :B01L3/02 (71)Name of Applicant : (31) Priority Document No **1)RAININ INSTRUMENT LLC** :13/109759 (32) Priority Date Address of Applicant :7500 Edgewater Drive Oakland CA :17/05/2011 (33) Name of priority country 94621 UNITED STATES OF AMERICA :U.S.A. (86) International Application No :PCT/US2012/038118 (72)Name of Inventor : 1)HOMBERG William D. Filing Date :16/05/2012 (87) International Publication No :WO 2012/158783 2)SCHMITTDIEL Michael C. (61) Patent of Addition to Application **3)BELL Thomas Allen** :NA Number 4)MAGNUSSEN Haakon T. :NA Filing Date **5)VAINSHTEIN Andrew** (62) Divisional to Application Number :NA **6)MOORE Blake** Filing Date :NA

(57) Abstract :

A handheld electronic pipette including several features aimed at improving ease of use including a color dot matrix display an intuitive thumb operated two axis controller and multifunction soft buttons adjacent to the display. A simple and consistent user interface facilitates easy access to various modes of operation including a manual pipetting mode and a remote mode.

No. of Pages : 44 No. of Claims : 30

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : DEPLOYMENT MECHANISM FOR BODY VESSEL INSERTION DEVICES

(51) International classification	:A61M25/00,A61M25/04,A61B17/22	(71)Name of Applicant : 1)NITILOOP LTD.
(31) Priority Document No	:61/488830	Address of Applicant :8 HaManofim Street 46725 Herzlia
(32) Priority Date	:23/05/2011	Israel
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)KORNOWSKI Ran
(86) International Application No Filing Date	:PCT/IL2012/050184 :23/05/2012	2)KEREN Dvir
(87) International Publication No	:WO 2012/160562	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An aspect of some embodiments of the application relates to a microcatheter (318) comprising a deployment element (310) disposed about around at least a portion of an exterior of a distal end of the microcatheter the deployment element configured for repeatedly expanding and collapsing the distal end arranged to allow forward or reverse axial displacement while the deployment element maintains a position the deployment element arranged for positioning the microcatheter distal end approximately in the middle of a vessel.

No. of Pages : 68 No. of Claims : 44

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : APPARATUS AND METHOD FOR HARDWARE BASED SECURE DATA PROCESSING USING BUFFER MEMORY ADDRESS RANGE RULES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:61/484575 :10/05/2011 :U.S.A. :PCT/US2012/037389	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn: International Ip Administration 5775 Morehouse Drive San Diego California 92121 UNITED STATES OF AMERICA
Filing Date	:10/05/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/154996	1)KOTTILINGAL Sudeep Ravi
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)MANDAYAM Jayanth 3)KEIDAR Ron
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a processor for processing data from a buffer memory. The processor implemented in hardware may allow writing of output data processed based on input data from at least one secure location associated with a secure address range of the buffer memory to one or more secure locations associated with the secure address range. Further the processor may block writing of output data processed based on input data from at least one secure location associated with the secure address range to one or more insecure locations associated with an insecure address range of the buffer memory.

No. of Pages : 25 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :31/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ADAPTABLE DEVICE FOR ELECTRICALLY ISOLATING PULMONARY VEINS IN ATRIAL FIBRILLATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B18/14 :GE2011A000043 :18/04/2011 :Italy :PCT/EP2012/056626 :12/04/2012 :WO 2012/143283 :NA :NA :NA :NA	 (71)Name of Applicant : ATRICATH S.R.L. Address of Applicant :Via Bianca Maria n. 41 I 20122 Milano Italy (72)Name of Inventor : CHIERCHIA Gian Battista 2)PERFLER Enrico
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(57) Abstract :

Device for electrically isolating the pulmonary veins in atrial fibrillation for treatment thereof by means of ablation of a circumferential zone of tissue in a position where a pulmonary vein extends from an atrium comprising: a catheter (1) having a terminal part and a distal part and comprising a first tubular element (2); a second tubular element (4) concentric with said first tubular element (2) and an axial rod like element (6) which extends beyond the distal end of said first and second tubular elements (2; 4); a first tubular toroidal element (13) supported by a plurality of tubular arms (11) which extend from said distal end towards said toroidal element (13) forming a kind of cage which can be opened in umbrella fashion around the distal end of said catheter (1) said tubular arms (11) and said toroidal element (13) being in fluid communication with each other and with said second tubular element (4) of said catheter (1) all of which so that in a first operating condition said first and second toroidal elements (13; 9) with the associated tubular arms (11) are deflated and made to adhere to said distal end of the catheter; in a second operating condition said distal end of the catheter is inserted inside the orifice of a pulmonary vein (18) and a fluid is pumped into said first toroidal element (13) and into said arms (11) so as to position said arms against the orifice of the said pulmonary vein (18); and in the third operating condition an ablation element is introduced and/or activated inside said second toroidal element (9) inflating it and bringing it into contact with the orifice (18) of the said pulmonary vein (18) for ablation of a circular zone of tissue around the orifice of the said vein.

No. of Pages : 14 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PRODUCING INULIN AND OTHER FRUCTAN CONTAINING PRODUCTS FROM JERUSALEM ARTICHOKE

(51) International classification (31) Priority Document No	:C08B37/00,C08B37/18 :2011114593	(71)Name of Applicant : 1)ARTEMYEV Vladimir Dmitrievich
(32) Priority Date	:13/04/2011	Address of Applicant :Lenin Prospekt 5 43 Volgograd 400131
(33) Name of priority country	:Russia	Russia
(86) International Application No	:PCT/RU2012/000280	2)VASILIEVA Yuliya Pavlovna
Filing Date	:12/04/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/141617	1)ARTEMYEV Vladimir Dmitrievich
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)VASILIEVA Yuliya Pavlovna
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to nanotechnology for the production of biologically active substances and can be used for producing inulin based pharmaceutical preparations biologically active food additives and fructan containing products as ingredients of functional foods. A purified inulin containing solution is obtained from an aqueous suspension of Jerusalem artichoke powder upon extraction of fructosans filtration to remove the solid phase and bleaching with perlite. Once the purified inulin containing solution has been boiled down it is separated by nanofiltration through a nanofilter with a retention threshold of 5000 6000 Da into a solution containing low molecular weight fructosans and a solution containing high molecular weight inulins with a weight of 5000 6000 Da and a chain length of 1.48 nanometres. A solution containing fructooligosaccharides with a molecular mass of less than 5000 Da is separated from the boiled down inulin containing solution by nanofiltration on ceramic semi permeable membranes in order to obtain inulin with nanoproperties which is suitable for use in medicine and pharmaceuticals after which a solution containing fructooligosaccahrides with a molecular mass of more than 6000 Da is also separated off. The solutions containing fructooligosaccaharides with a molecular mass of less than 5000 and more than 6000 Da respectively are used to produce fructooligosaccaharides. A glucose fructose syrup is also produced from the boiled down inulin containing solution.

No. of Pages : 22 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :29/10/2013

(43) Publication Date : 26/09/2014

(51) International classification	:G01S5/16	(71)Name of Applicant :
(31) Priority Document No	:61/476159	1)QUALCOMM Incorporated
(32) Priority Date	:15/04/2011	Address of Applicant :ATTN: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714
(86) International Application No	:PCT/US2012/027105	UNITED STATES OF AMERICA
Filing Date	:29/02/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/141811	1)GROKOP Leonard Henry
(61) Patent of Addition to Application	:NA	2)NARAYANAN Vidya
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : DEVICE POSITION ESTIMATES FROM MOTION AND AMBIENT LIGHT CLASSIFIERS

(57) Abstract :

A position estimate for a mobile device is generated using data from motion sensors such as accelerometers magnetometers and/or gyroscopes and data from light sensors such as an ambient light sensor proximity sensor and/or camera intensity sensor. A plurality of proposed positions with associated likelihoods is generated by analyzing information from the motion sensors and a list of candidate positions is produced based on information from the light sensors. At least one of the plurality of proposed positions is eliminated using the list of candidate positions and a position estimate for the mobile device is determined based on the remaining proposed positions and associated likelihoods. The proposed positions may be generated by extracting features from the information from the motion sensors and using models to generate likelihoods for the proposed positions. The likelihoods may be filtered over time. Additionally a confidence metric may be generated for the estimated position.

No. of Pages : 36 No. of Claims : 33

(22) Date of filing of Application :03/01/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD OF PLASTICIZATION OF VEHICULAR DOOR AND A PLASTICIZED VEHICULAR DOOR FORMED 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 	B60J5/00 :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)MAHINDRA AND MAHINDRA LTD Address of Applicant :MAHINDRA TOWERS, WORLI, MUMBAI - 400 018, MAHARASHTRA, INDIA. (72)Name of Inventor : 1)WELUKAR DINESH DNYANESHWAR 2)GAWANDE AMIT SURESHRAO 3)ZAHN LARRY
(62) Divisional to Application Number :NA Filing Date :NA	(62) Divisional to Application Number	:NA	

(57) Abstract :

The present disclosure discloses a method of plasticization of vehicular door and a plasticized vehicular door formed thereof wherein the plasticized vehicular door includes an inner panel (12) and at least one outer panel (14) made of a composite structure cast by the method of plasticization using a mould and a core extracted to complement the shape of an existing inner panel and an existing outer panel. The outer panel (14) is adhesively bonded along at least a portion of the inner panel (12) while a hinge reinforcement plate (22) parallel to a latch reinforcement plate (20) together provides structural rigidity to the plasticized vehicular door (10).

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

(19) INDIA

(22) Date of filing of Application :19/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : NEUROPROTECTIVE PEPTIDES		
 (54) Title of the invention : NEUROPRO (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 		 (71)Name of Applicant : 1)NEURIM PHARMACEUTICALS (1991) LTD. Address of Applicant :8 HaNechoshet Street 69710 Tel Aviv Israel (72)Name of Inventor : 1)PINNER Elhanan 2)ZISAPEL Nava
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA :NA	2)ZISAFEL Nava

(57) Abstract :

A method of treating a neurodegenerative disorder is disclosed. The method comprises administering to the subject a therapeutically effective amount of an isolated peptide comprising at least 3 amino acids of a CD44V10 amino acid sequence no more than 20 amino acids of said CD44V10 amino acid sequence and comprising a neuroprotective activity.

No. of Pages : 82 No. of Claims : 39

(22) Date of filing of Application :20/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : USE OF DOWNCOMER BEAM TO SUPPORT ADJACENT CROSS FLOW TRAYS WITHIN A MASS TRANSFER COLUMN AND PROCESS INVOLVING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:61/486645 :16/05/2011 :U.S.A. :PCT/US2012/037924 :15/05/2012 o:WO 2012/158683 :NA :NA :NA	 (71)Name of Applicant : 1)KOCH GLITSCH LP Address of Applicant :4111 E. 37th Street North Wichita Kansas 67220 U.S.A. (72)Name of Inventor : 1)HEADLEY Darran Matthew 2)EWY David R. 3)GAGE Gary W.
Number Filing Date	:NA :NA	

(57) Abstract :

Cross flow trays in a mass transfer column are provided with downcomers having one or more walls that extend from a tray deck of one the cross flow trays to an elevation below a tray deck of an underlying one of the cross flow trays. The downcomer walls are connected to and provide structural support for the tray decks of the cross flow trays.

No. of Pages : 36 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :24/10/2013

(43) Publication Date : 26/09/2014

(51) International classification	:B66B13/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)FUJITEC CO. LTD.
(32) Priority Date	:NA	Address of Applicant :591 1 Miyata cho Hikone shi Shiga
(33) Name of priority country	:NA	5228588 Japan
(86) International Application No	:PCT/JP2011/060913	(72)Name of Inventor :
Filing Date	:12/05/2011	1)KASHIWAKURA Hiroshi
(87) International Publication No	:WO 2012/153410	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ELEVATOR DOOR OPENING/CLOSING DEVICE

(57) Abstract :

The present invention appropriately determines the position of a drive motor with respect to the front of a top frame. An elevator door opening/closing device wherein a car door is provided so as to be able to open and close in the doorway of an elevator car and a drive motor is coupled to said car door via a transmission mechanism. A bracket is used to attach said drive motor to the front of a top frame provided at the top of the aforementioned doorway and the position of the drive motor in an axial direction orthogonal to the front of the top frame is determined by the bracket contacting a positioning part provided on the drive motor.

No. of Pages : 39 No. of Claims : 9

(19) INDIA(22) Date of filing of Application :24/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : COLD STORAGE HEAT EXCHANGER

(57) Abstract :

Provided is a cold storage heat exchanger. The cold storage heat exchanger includes a pair of header tanks and tubes which are arranged in three rows with respect to the direction of the flow of air and connected at opposite sides thereof to the header tanks. A cold storage medium is stored in the tubes that are disposed in a middle row and refrigerant circulates through the tubes that are disposed in front and rear rows. Therefore the cold storage medium can effectively store cold energy transferred from the refrigerant. When the engine of a vehicle is stopping the cold storage heat exchanger can discharge the cold energy that has been stored into the passenger compartment of the vehicle thus preventing the temperature in the passenger compartment from rapidly increasing thereby creating pleasant air conditioned conditions for a user and minimizing the energy and time required to re cool the passenger compartment.

No. of Pages : 73 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :29/09/2012

(43) Publication Date : 26/09/2014

(51) International classification	:A61M25/06,A61M 5/32	(71)Name of Applicant : 1)VIGMED AB
(31) Priority Document No	:1050360-5	Address of Applicant :Drottninggatan 28 S-252 21
(32) Priority Date	:13/04/2010	Helsingborg Sweden.
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/SE2011/050443	1)KNUTSSON Per
Filing Date	:12/04/2011	
(87) International Publication No	:WO/2011/129753	
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : POLYMERIC CATHETER NEEDLE TIP SHIELDING DEVICE

(57) Abstract :

The present invention discloses a catheter instrument (1000) comprising a needle tip shielding device (100) a needle (303) a needle carrying unit and a catheter unit said catheter unit comprising a catheter hub (200)and a catheter (201) and said needle tip shielding device (100) and said catheter hub (200) being separable from one another wherein said needle tip shielding device (100)is kept in contact with said catheter unit upon withdrawal of said needle (303)via at least one interface surface between said needle tip shielding device (100) and said catheter unit and wherein said at least one interface surface of said needle tip shielding device (100) being at least partly of a first polymeric material and said at least one interface surface of said catheter unit being at least partly of a second polymeric material.

No. of Pages : 39 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :23/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MICROPUMP HAVING A FLOWMETER AND METHOD FOR PRODUCING SAME (51) International classification :F04B43/04 (71)Name of Applicant : 1)COMMISSARIAT LÉNERGIE ATOMIQUE ET AUX (31) Priority Document No :1153644 **ÉNERGIES ALTERNATIVES** (32) Priority Date :28/04/2011 (33) Name of priority country Address of Applicant :25 rue Leblanc BÃtiment Le Ponant D :France :PCT/EP2012/057852 F 75015 Paris France (86) International Application No Filing Date :27/04/2012 (72)Name of Inventor : (87) International Publication No :WO 2012/146753 **1)FOUILLET Yves** (61) Patent of Addition to Application 2)FUCHS Olivier :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to a micropump having a deformable membrane comprising: a first chamber (15) one wall of which comprises a first deformable membrane portion and means (72 81 83) for actuating said first membrane portion; a second chamber (11) provided with a second deformable membrane portion (11); and a third chamber (13) provided with a third deformable membrane portion (13) the second chamber and the third chamber being connected to one another by a first channel (12) at least one of said chambers being connected to the first chamber (15) by a second channel (12 14) wherein both the second chamber (11) and the third chamber (13) comprise detection gauge means (R1 R4 R 1 R 4) respectively but are not provided with actuation means.

No. of Pages : 62 No. of Claims : 20

(22) Date of filing of Application :17/08/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : CRYSTALLINE FORMS OF THE TRI-MESYLATE SALT OF PERPHENAZINE-GABA AND PROCESS OF PRODUCING 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 	:A01K 31/34 :61/307,481 ·24/02/2010	 (71)Name of Applicant : Ramot at Tel-Aviv University Ltd. Address of Applicant :P.O. Box 39296 61392 Tel-Aviv Israel. Bar-Ilan University BioLineRX Ltd. (72)Name of Inventor : NUDELMAN Abraham REPHAELI Ada GIL-AD Irit WEIZMAN Abraham SHAUL Mazal HALBFINGER Efrat
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(57) Abstract :

Novel crystalline form of perphenazine 4-aminobutyrate trimesylate and a process of producing the same are disclosed. The novel crystalline form is characterized by a unique XRPD pattern and a DSC that exhibits an endothermic peak at a relatively high temperature (e.g. higher than 209 °C). Also disclosed are a process of preparing perphenazine 4-aminobutyrate trimesylate by in situ deprotection and salification in a single-step synthesis and a highly pure perphenazine 4-aminobutyrate trimesylate obtained thereby. Uses of any of the described perphenazine 4-aminobutyrate trimesylate are also disclosed.

No. of Pages : 63 No. of Claims : 49

(22) Date of filing of Application :24/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : POLYMERIC MATERIALS		
(51) International classification	:C08K3/22,C08J7/00	(71)Name of Applicant :
(31) Priority Document No	:61/572292	1)COLORMATRIX HOLDINGS INC.
(32) Priority Date	:21/07/2011	Address of Applicant :Corporation Service Company 2711
(33) Name of priority country	:U.S.A.	Centerville Road Suite 400 Wilmington Delaware 19808 UNITED
(86) International Application No	:PCT/GB2012/051758	STATES OF AMERICA
Filing Date	:23/07/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/011330	1)BRANNON Philip
(61) Patent of Addition to Application	.NT A	2)CARMICHAEL Adrian
Number		3)ADOCHIO William
Filing Date	:NA	4)GAUDET Gregory
(62) Divisional to Application Number	:NA	5)RARDON Daniel
Filing Date	:NA	6)STILL Mark
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:23/07/2012 :WO 2013/011330 :NA :NA :NA	 (72)Name of Inventor : 1)BRANNON Philip 2)CARMICHAEL Adrian 3)ADOCHIO William 4)GAUDET Gregory 5)RARDON Daniel

(57) Abstract :

A preform for a container comprises a polymer composition which includes tungsten oxide particles for example WO2.72 or WO2.92.

No. of Pages : 27 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :24/10/2013

(43) Publication Date : 26/09/2014

(51) International classification	:H01H71/26	(71)Name of Applicant :
(31) Priority Document No	:1101341	1)HAGER ELECTRO SAS
(32) Priority Date	:29/04/2011	Address of Applicant :132 boulevard dEurope F 67210
(33) Name of priority country	:France	Obernai France
(86) International Application No	:PCT/FR2012/050938	(72)Name of Inventor :
Filing Date	:27/04/2012	1)DA SILVA Christian
(87) International Publication No	:WO 2012/146876	2)LACOMBE Guillaume
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : ELECTROMAGNETIC ACTUATOR HAVING MAGNETIC GENERATOR

(57) Abstract :

The invention relates to an electromagnetic actuator having a magnetic generator comprising a coil surrounding a mobile magnetic core (4) capable of moving by means of the magnetic field generated by the coil said core being guided between an inoperative position and operative positions. Said actuator is characterised in that it comprises at least two coils (2 3) connected to first (6) and second (7) independent control means respectively at least one primary coil (2) being managed by the first control means (6) with a view to controlling the movement of the mobile core (4) and at least one secondary coil (3) being positioned relative to the primary coil(s) (2) and actuated by the second control means (7) in order to modify the magnetic field generated by the primary coil(s) (2).

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

(22) Date of filing of Application :03/01/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A METHOD FOR PRODUCING IRON ORE PELLET WITH IMPROVED QUALITY AND INCREASED PRODUCTION AND A SYSTEM THEREOF.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:C22B1/14, C22B1/244, :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.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TEKKALAKOTE, UMADEVI
(87) International Publication No	: NA	2)LOBO, NAVEEN F
(61) Patent of Addition to Application Number	:NA	3)DESAI, SANGAMESH
Filing Date	:NA	4)PRABHU, MANJUNATH
(62) Divisional to Application Number	:NA	5)SAH, RAMESHWAR
Filing Date	:NA	

(57) Abstract :

The present invention is directed to a method for producing iron ore pellets with improvement in productivity and quality by optimizing the induration machine firing temperature and damper opening of process fans at higher pellet bed height and a system thereof. The system and method according to the present invention ensure improved production rate and quality of pellets wherein Pellet induration machine is equipped with 5 process fans e.g. Hood exhaust fan (HEF), Wind box exhaust fan (WBE), Wind box recuperation fan (WBR), Updraught drying fan (UDD), and Cooling air fan (CA) to control the airflow rate and temperature within the induration machine to maintain the firing temperature in the range of 1280-1320°C, Preferably 1300 °C for controlled duration to obtain the indurated pellets of required physical, mechanical and metallurgical properties, making them suitable feed material to iron making units.

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

(19) INDIA

(22) Date of filing of Application :31/08/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : IMPROVED COMPOSITION FOR INHIBITING TUMOR CELL PROLIFERATION (51) International classification :C12N5/0784 (71)Name of Applicant : (31) Priority Document No 1)IMMUNICUM AB :61/303,153 (32) Priority Date Address of Applicant :Stena Center 1 Holtermansgatan 1 S-:10/02/2010 (33) Name of priority country 412 92 GÃteborg Sweden. :U.S.A. :PCT/EP2011/051952 (72)Name of Inventor : (86) International Application No 1)KARLSSON-PARRA Alex Filing Date :10/02/2011 (87) International Publication No :WO/2011/098516 2)ANDERSSON Bengt (61) Patent of Addition to Application **3)WALLGREN AnnaCarin** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

This invention pertains to cancer immunotherapy by providing a proinflammatory dendritic cell (DC) which has been stimulated to maturation ex vivo by specific treatment a method for such treatment and a composition comprising the proinflammatory DC. The DC may be used as a cell based immunotherapy for inhibiting tumor cell proliferation.

No. of Pages : 43 No. of Claims : 20

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:D01H13/14	(71)Name of Applicant :
(31) Priority Document No	:845/10	1)MASCHINENFABRIK RIETER AG
(32) Priority Date	:28/05/2010	Address of Applicant : Klosterstrasse 20 CH 8406 Winterthur
(33) Name of priority country	:Switzerland	Switzerland
(86) International Application No	:PCT/CH2011/000117	(72)Name of Inventor :
Filing Date	:20/05/2011	1)STUTZ Ueli
(87) International Publication No	:WO 2011/147040	2)SOMMER Daniel
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : MONITORING DEVICE ON A TEXTILE MACHINE

(57) Abstract :

The invention relates to a device for monitoring an air pressure of a textile machine (1) by means of at least one air pressure sensor (UG) said air pressure being supplied to a workstation (A1 A5) that processes fiber material. The textile machine (1) is provided with a plurality of workstations (A1 A5) and the workstations are connected to an air pressure source (P) via lines (4). The aim of the invention is to simplify and improve known systems of such monitoring devices. This is achieved in that an individual air pressure sensor (UG) is connected to each group of multiple workstations (A1 A5) via a further line (7) and a controllable blocking means (V1 V5) lies upstream of each workstation of the group (Ga Gb) in the further line.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:G06F17/00	(71)Name of Applicant :
(31) Priority Document No	:61/348806	1)VARONIS SYSTEMS INC.
(32) Priority Date	:27/05/2010	Address of Applicant :499 7th Avenue 23rd Floor South
(33) Name of priority country	:U.S.A.	Tower New York 11018 UNITED STATES OF AMERICA
(86) International Application No	:PCT/IL2011/000076	(72)Name of Inventor :
Filing Date	:23/01/2011	1)FAITELSON Yakov
(87) International Publication No	:WO 2011/148364	2)KORKUS Ohad
(61) Patent of Addition to Application	:NA	3)KRETZER KATZIR Ophir
Number	:NA :NA	4)BASS David
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : AUTOMATIC REMOVAL OF GLOBAL USER SECURITY GROUPS

(57) Abstract :

A system for automatically replacing a user security group based computer security policy by a computer security policy based at least partially on actual access including a learned access permissions subsystem operative to learn current access permissions of users to network objects in an enterprise computer environment and to provide an indication of which users are members of which user security groups having access permissions to which network objects a learned actual access subsystem operative to learn actual access history of users in the enterprise to the network objects and to provide indications of which users have had actual access to which network objects and a computer security policy administration subsystem receiving indications from the learned access permission subsystem and the learned access subsystem and being operative to automatically replace pre selected user security group based access permissions with at least partially actual access based access permissions without disrupting access to network objects.

No. of Pages : 24 No. of Claims : 22

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : DATA CLASSIFICATION		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F7/00,G06F17/00 :61/348862 :27/05/2010 :U.S.A. :PCT/IL2011/000408 :26/05/2011 :WO 2011/148376 :NA :NA :NA :NA	 (71)Name of Applicant : 1)VARONIS SYSTEMS INC. Address of Applicant :499 7th Avenue 23rd Floor South Tower New York UNITED STATES OF AMERICA (72)Name of Inventor : 1)FAITELSON Yakov 2)KORKUS Ohad 3)KRETZER KATZIR Ophir 4)BASS David

(57) Abstract :

A method for managing data in an enterprise by identifying data of interest from among a multiplicity of data elements in an enterprise the method including characterizing data of interest at least by at least one non content based data identifier thereof and at least one access metric thereof the at least one access metric being selected from data access permissions and actual data access history and selecting data of interest by considering only data elements from among the multiplicity of data elements which have the at least one non content based data identifier thereof and the at least one access metric thereof.

No. of Pages : 25 No. of Claims : 30

(21) Application No.1958/MUMNP/2013 A

(22) Date of filing of Application :21/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : HARD SURFACE TREATMENT COMPOSITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application Netriling Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:04/04/2012	 (71)Name of Applicant : UNILEVER PLC Address of Applicant :Unilever House 100 Victoria Embankment London EC4Y 0DY U.K. (72)Name of Inventor : DAS Somnath DUTTA Kingshuk PRAMANIK Amitava
Filing Date	:NA	

(57) Abstract :

The present invention relates to a composition and a method for treating substrates in particular hard surfaces to make the substrate hydrophilic; and for imparting anti fogging / anti condensation properties onto said surface. The object of the present invention is to provide a composition for rendering a surface less susceptible for vapour deposition rendering a surface hydrophilic making it less susceptible to fogging and frost deposition. It has been found that a composition comprising poly aluminium chloride a polycarboxylate polymer and a weak acid when applied to a surface renders said surface super hydrophilic thus causing the repellence of small water droplets to provide and anti fogging effect.

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

(22) Date of filing of Application :30/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : GLYPHOSATE RESISTANCE ENHANCEMENT

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:C12N15/82,C12N9/10,A01H5/00 :61/480623 :29/04/2011 :U.S.A. :PCT/NL2012/050290 :27/04/2012 :WO 2012/148275 :NA	 (71)Name of Applicant : 1)KEYGENE N.V. Address of Applicant :P.O. Box 216 NL 6700 AE Wageningen Netherlands (72)Name of Inventor : 1)BUNDOCK Paul
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a new method for improving glyphosate resistance of a plant. The method encompasses providing one or more specific mutations in a specific nucleotide sequence in a said plant. In comparison to a plant not manipulated according to the method the plant obtained by the method displays (improved) glyphosate resistance. Also provided are a (transgenic) plant including a seed thereof and a plant product that can be obtained by the method according to the invention.

No. of Pages : 59 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :30/10/2013

(54) Title of the invention : PALLETS

(43) Publication Date : 26/09/2014

(2) 111111111		
(51) International classification	:B65D19/00,B65D19/31	(71)Name of Applicant :
(31) Priority Document No	:1105692.6	1)PALLETWORKS LIMITED
(32) Priority Date	:04/04/2011	Address of Applicant :Unit 2302 23F New World Tower 1 18
(33) Name of priority country	:U.K.	Queens Road Central Hong Kong China
(86) International Application No	:PCT/GB2012/050767	(72)Name of Inventor :
Filing Date	:04/04/2012	1)STEVENS Henry Guy
(87) International Publication No	:WO 2012/137006	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1174	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The intention provides a method of coating wooden pallets having a low moisture content with an elastomer coating so as to provide pallets combining the advantageous qualities of wooden and plastic pallets. The pallets are light and inexpensive tough and durable water and damage resistant fire retardant and non slip. They can be produced by treating existing wooden pallets. The pallets may also have an RFID attached before coating for tracking the pallets and goods transported thereon.

No. of Pages : 26 No. of Claims : 46

(19) INDIA

(22) Date of filing of Application :04/01/2013

(54) Title of the invention : SYNTHESIS OF SILVER SALT OF VARIOUS SULFONAMIDES AND FATTY ACIDS AND ITS FORMULATION INTO THE NANOPARTICULATE DRUG DELIVERY SYSTEM

(51) International classification	33/38, A61K	(71) Name of Applicant : 1)SANJAY BABURAO WAGH Address of Applicant :MATRU DARSHAN, OPPOSITE VASANT MARKET, OLD GANGAPUR NAKA, NASHIK-422
(31) Priority Document No	:NA	005, MAHARASHTRA, INDIA.
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)SANJAY BABURAO WAGH
(86) International Application No	:NA	2)MAHADEVI HANMANTRAO JAINER
Filing Date	:NA	3)VIDYA KISHANRAO MAGAR
(87) International Publication No	: NA	4)SUNITA PANDHARINATH PINGLE
(61) Patent of Addition to Application Number	:NA	5)SHILPA SUDHAKAR HARAK
Filing Date	:NA	6)MOOVI NEMA
(62) Divisional to Application Number	:NA	7)MAHANTESH NAMDEO JADHAV
Filing Date	:NA	

(57) Abstract :

Bums are amongst the most serious and painful of all injuries. Most of the deaths in burnt patients are due to infections caused. Burn wound infection is problematic because it delays healing and results into bacteremia and sepsis. Bacterias like Pseudomonas aeruginosa, Staphylococcus aureus, Klebsillea species and some of fungi like Candida albicans, Aspergillus niger, Aspergillus fumigatus are the most common pathogens which lead to sepsis formation. Number of antibiotics like polymyxin B, nitrofurazone, neosporin, mafenide acetate, etc. And silver containing agents including silver nitrate, silver sulfadiazine are used in treatment of burn infection. Major problem with topical silver agent lies in their inability to penetrate deeply into the tissue and the low level of silver release into the target area. Nanotechnology is gaining tremendous impetus in the present century due to its capability of modulating metal into their nanosize which drastically changes the chemical, physical and optical properties of metals. Metallic silver in the form of silver nanoparticles has remarkable comeback as a potential antimicrobial agent. Silver is an effective antimicrobial agents with low toxicity which is important in treatment of burn wound where transient bacteremia is prevalent and its fast control is essential. The use of silver Sulfadiazine in combination with silver salt of fatty acid and combination of silver sulfadiazine with silver nanoparticles solves these problems. The formulation shows excellent photostability and displayed superior antibacterial action. The formulated cream of silver sulfadiazine and silver salt of fatty acid shows potent antimicrobial action and used in treatment of burn wound. The formulated creams of silver sulfadiazine: silver oleate: silver stearate (0.5% + 0.25% + 0.25%), silver sulfadiazine: silver oleate (0.5% + 0.25%)(0.5%) and silver sulfadiazine: silver stearates (0.5% + 0.5%) are more potent and show effective antimicrobial action with good wound healing properties. The silver oleate shows good penetration as compared to silver stearate. The silver nanoparticle cream (5µg/ml silver nanoparticles + 0.5 % SSD) is more potent and shows good wound healing within short period of time on rat without any side effect and the cream is stable for longer period of time. Silver nanoparticle cream is more potent as compare to silver sulfadiazine and oleate. The results clearly indicate that silver nanoparticles could provide a safer alternative to conventional antimicrobial agents in the form of topical antimicrobial agents. Evaluation of healing of burn wound is done on rat model. Results confirmed that these combinations exhibit a significant increase in permeability and healing rate as compared to silver sulfadiazine alone. The formulated cream shows broad spectrum of activity, efficacy.

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

(22) Date of filing of Application :19/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SEALING RING FOR A TURBINE STAGE OF AN AIRCRAFT TURBOMACHINE COMPRISING SLOTTED ANTI ROTATION PEGS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:F01D5/30,F01D11/00,F01D5/32 :11 52928 :05/04/2011 :France :PCT/FR2012/050667 :29/03/2012 o:WO 2012/136917 :NA :NA :NA	 (71)Name of Applicant : 1)SNECMA Address of Applicant :2 boulevard du GÃnÃral Martial Valin F 75015 Paris France (72)Name of Inventor : 1)POUZET Emilie 2)CASALIGGI Pascal 3)PASQUIET Didier
Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a sealing ring (60) intended to be pressed against a rotor disc of a turbine stage for an aircraft turbomachine the ring being equipped with a plurality of anti rotation pegs (66) for preventing it from rotating in relation to the rotor disc each peg (66) protruding axially from a ring body (63) and having two opposite circumferential end surfaces (72) which are intended respectively to be located facing two directly consecutive blades carried on the rotor disc. According to the invention an axially opening slot (70) passes radially through at least one of the anti rotation pegs (66).

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

(19) INDIA

(22) Date of filing of Application :23/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : TREATMENT OF PSORIASIS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K47/24,A61K31/573,A61K31/593 :11003407 :02/05/2011 :Sweden :PCT/SE2012/000061 :30/04/2012 :WO 2012/150892 :NA :NA :NA	 (71)Name of Applicant : 1)LIPIDOR AB Address of Applicant :Hornsbergs strand 49 S 112 16 Stockholm Sweden (72)Name of Inventor : 1)CARLSSON Anders 2)HERSLÃ-F Bengt 3)HOLMBÃ,,CK Jan
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(57) Abstract :

A lipid layer forming composition for topical treatment of psoriasis comprises volatile silicone oil polar lipid C C aliphatic alcohol and a pharmacologically effective amount of an agent for the treatment of psoriasis wherein the silicone oil has a boiling point above 180 °C in particular above 200 °C. The composition does not comprise polymer silicone. Also disclosed are corresponding methods of treatment and of manufacture of the composition.

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

(19) INDIA

(22) Date of filing of Application :23/10/2013

(43) Publication Date : 26/09/2014

(51) International classification	:C10M135/20	(71)Name of Applicant :
(31) Priority Document No	:61/474063	1)VANDERBILT CHEMICALS LLC
(32) Priority Date	:11/04/2011	Address of Applicant :30 Winfield Street Norwalk CT 06855
(33) Name of priority country	:U.S.A.	UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2012/031837	(72)Name of Inventor :
Filing Date	:02/04/2012	1)AGUILAR Gaston A.
(87) International Publication No	:WO 2012/141929	2)CHENG Francis S.
(61) Patent of Addition to Application	:NA	3)CHASE Kevin J.
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alestreat :		<u> </u>

(54) Title of the invention : ZINC DITHIOCARBAMATE LUBRICATING OIL ADDITIVES

(57) Abstract :

A lubricating oil composition comprising a zinc dithiocarbamate fraction for use in a gasoline or diesel engine equipped with fluoroelastomer seals wherein said zinc dithiocarbamate fraction consists essentially of zinc dithiocarbamate molecules per Formula (I): having alkyl groups R R R and R wherein the weighted total average for carbon chain lengths for all molecules together is 9 or more:

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

(21) Application No.1987/MUMNP/2013 A

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : CALCIUM SEQUESTERING COMPOSITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application N Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	0:PCT/US2012/034542 :20/04/2012 0:WO 2012/145690 :NA :NA :NA	 (71)Name of Applicant : 1)RIVERTOP RENEWABLES INC. Address of Applicant :P.O. Box 8165 Missoula Montana 59807 8165 UNITED STATES OF AMERICA (72)Name of Inventor : 1)SMITH Tyler N. 2)SHIRLEY Richard
Number Filing Date	:NA :NA	

(57) Abstract :

This invention relates to compositions which are capable of sequestering calcium ions and are derived in part from renewable carbohydrate feedstocks. The calcium sequestering compositions are mixtures containing one or more hydroxycarboxylic acid salts and one or more aluminum salts.

No. of Pages : 45 No. of Claims : 60

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : FORMULATION AND EVALUATION OF ORODISPERSIBLE TABLET OF PHARMACOLOGICALLY ACTIVE PRINCIPLES LIKE RISPERIDONE LORNOXICAM

(51) International classification	A61K31/166, A61K47/12	 (71)Name of Applicant : 1)Shilpa Ramdaspant Gawande Address of Applicant :c/ovikrant d. wankhede near
(31) Priority Document No	:NA	aradhanabhavan rajendranagar dhamangaon road yavatmal-
(32) Priority Date	:NA	445001. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Shilpa Ramdaspant Gawande
Filing Date	:NA	2)Anilvish wanath chandewar
(87) International Publication No	: NA	3)Vikrant Dinkar Wankhede
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention attempts to prepare and evaluate orodispersible tablets of Risperidone. Were drug was analysed for preformulation studies. Taste masking agent like cetyl alcohol was used to mask the bitter taste of Risperidone. It is observed that taste of Risperidone was successfully masked by Cetyl alcohol in ratio of 3:1 and shows maximum loading. Twelve formulations of Risperidone- cetyl alcohol were prepared by varying concentrations of superdisintegrants. Aspartame (Sweetening agent) was added to enhance the palatability of tablet Mannitol crosspovidone sodium starch glycolate and magnesium stearate as lubricant were added. Twelve formulations each of Risperidone- cetyl alcohol were prepared by using Crosspovidone sodium starch glycolate and their combination in 2% 4% 6% & 8% keeping tablet weight 100 mg. Following invention is described in detail with the help of Figure 1 of sheet 1 showing graphical representation of Dissolution Study of FormulationRCssg Figure 3 of sheet 1 showing graphical representation of DissolutionRCssg Figure 3 of sheet 1 showing graphical representation of DissolutionRCssg Figure 3 of sheet 1 showing graphical representation of DissolutionRCssg Figure 3 of sheet 1 showing graphical representation of DissolutionRCssg Figure 3 of sheet 1 showing graphical representation of DissolutionRCssg Figure 3 of sheet 1 showing graphical representation of DissolutionRCssg Figure 3 of sheet 1 showing graphical representation of DissolutionRCssg Figure 3 of sheet 1 showing graphical representation of DissolutionRCssg Figure 3 of sheet 1 showing graphical representation of DissolutionRCssg Figure 3 of sheet 1 showing graphical representation of DissolutionRCssg Figure 3 of sheet 1 showing graphical representation of DissolutionRCssg Figure 3 of sheet 1 showing graphical representation of DissolutionRCssg Figure 3 of sheet 1 showing graphical representation of DissolutionRCssg Figure 3 of sheet 1 showing graphical representation of DissolutionRCssg Figure 3 of sheet 1 showing graphical represe

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

(19) INDIA

(22) Date of filing of Application :04/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:B65G17/06,B65G17/08	(71)Name of Applicant :
(31) Priority Document No	:1007399.7	1)GOUGH George Terah
(32) Priority Date	:04/05/2010	Address of Applicant :2 Jonathan Road Trentham Stoke on
(33) Name of priority country	:U.K.	Trent Staffordshire ST4 8LP United Kingdom.
(86) International Application No	:PCT/GB2011/050872	(72)Name of Inventor :
Filing Date	:04/05/2011	1)GOUGH George Terah
(87) International Publication No	:WO/2011/138607	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : CONVEYORS AND TRANSMISSION BELTS

(57) Abstract :

A belt for a conveyor comprises at least one elongate strip (1) and at least one slat (2) which forms a part of a conveyor surface upon which a load to be transported can be located. The slat is secured to the strip by a connector (7), optionally through a sliding dovetail joint, the connector comprising the tail part (5) of the joint and the underside of the slat being provided with a groove defining a socket part (3) of the sliding dovetail joint. The connector may pass through a hole (6) in the strip, or may embrace a relatively narrow section (523) of the strip. In an alternative, a belt for a conveyor comprises a plurality of interconnected slats which may support material to be transported and forming a conveyor surface, in which pairs of adjacent slats of the belt are connected together by means of co-operating slots and tabs.

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

(19) INDIA

(22) Date of filing of Application :04/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND DEVICE FOR IMAGING AN INTERIOR SURFACE OF AN INTRACORPOREAL CAVITY

(51) International classification	:A61B 1/05	(71)Name of Applicant :
(31) Priority Document No	:61/333,189	1)NANAMED LLC
(32) Priority Date	:10/05/2010	Address of Applicant :157 Veterans Drive Suite C Northvale
(33) Name of priority country	:U.S.A.	NJ 07647 U.S.A.
(86) International Application No	:PCT/US2011/035984	(72)Name of Inventor :
Filing Date	:10/05/2011	1)HADANI Ron
(87) International Publication No	:WO/2011/143264	2)HARAMATY LIOR
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An endoscopic imaging catheter is configured for insertion optionally via a longitudinal channel of an endoscopic insertion tube. The endoscopic imaging catheter includes reflecting and optical elements and an imaging element. The reflecting element reflects onto the imaging element through the optical element side and rear views of at least a portion or the entire 360° view of a wall encircling an intrabody lumen around the axis of said the longitudinal channel.

No. of Pages : 31 No. of Claims : 40

(22) Date of filing of Application :04/01/2013

(54) Title of the invention : SYNTHESIS AND CHARACTERIZATION OF NOVEL DI-AZO CROSS-LINKED POLYMER FOR COLON SPECIFIC DELIVERY

(51) International classification	:A61K47/32, A61K9/48, A61K9/52, A61K9/20	 (71)Name of Applicant : 1)SANJAY BABURAO WAGH Address of Applicant :MATRU DARSHAN, OPPOSITE VASANT MARKET, OLD GANGAPUR NAKA, NASHIK-422
(31) Priority Document No	:NA	005, MAHARASHTRA, INDIA.
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)SANJAY BABURAO WAGH
(86) International Application No	:NA	2)SUYASH BHASKAR AKOLE
Filing Date	:NA	3)MRUDULA HEMANT BELE
(87) International Publication No	: NA	4)PRASAD LAXMAN GORDE
(61) Patent of Addition to Application Number	:NA	5)SHILPA SUDHAKAR HARAK
Filing Date	:NA	6)SHRIKANT HARISHCHANDRA PATIL
(62) Divisional to Application Number	:NA	7)SWAPNIL BHAUSAHEB KOLSE
Filing Date	:NA	

(57) Abstract :

The aim of the current study was to synthesize di-azo polymers for colon targeted drug delivery and to characterize these polymers for the same. The novel azo crosslinking agents; diallyl ester of 4,4-azobenzene dicarboxylic acid from p-Nitro benzoic acid & diallyl ester of 4,4-azobenzene di-acetic acid from p-Nitro phenyl acetic acid were synthesized. These cross linkers were analyzed by spectral analysis like IR, Proton-NMR, GC-MS. Bulk polymerization method was used to synthesize azo polymers using different acrylate monomers viz. methyl methacrylate, butyl methacrylate. While synthesizing, the cross-linker concentration was varied. These di-azo polymers were characterized for organoleptic properties, solubility, film forming property, biodegradation study in rat caecal content, IR analysis. The polymers PMB 1:1:2:A and PMB 1:1:2:B were found to degrade completely in rat caecal content in anaerobic conditions only and further used to coat budesonide capsules. The drug release study revealed that the capsules coated with azo aromatic polymers PMB 1:1:2:A and PMB 1:1:2:B released 6.76% & 5.68% drug in pH 6.8 phosphate buffer respectively within 3 hrs. At the same time the release in media containing pH 6.8 phosphate buffer with 2% rat caecal content with anaerobic conditions was 36.98% and 25.03% drug within 3 hrs for polymer PMB 1:1:2:A and PMB 1:1:2:B respectively. There was significant (P=0.0269) (P < 0.05) difference between cumulative percent drug release (within 3 hrs) in presence and absence of colonic contents. The drug release data was fitted to various kinetic models; results revealed that capsules coated with both co-polymers i.e. PMB 1:1:2:A and PMB 1:1:2:B shown higher correlation coefficient (R) values for zero order equation, indicating zero order release kinetics and the value of n was higher than 1.0 (n > 1.0) indicating that, drug release occur by both diffusion of drug (non-fickian diffusion or super case II transport) & polymer degradation. This confirms the polymers releases drug only in presence of colonic contents in anaerobic conditions mainly due to azoreductase enzyme from colonic bacteria which cleaved azo bond in amines through amide intermediates. This gave finally bursting or erosion of polymer & release of drug in formulation.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : DEVICE FOR PIVOTING ONE OR MORE FRONT FLAPS OF A TRACK GUIDED VEHICLE AND FRONT FLAP MODULE

(51) International classification	:B61D17/06	(71)Name of Applicant :
(31) Priority Document No	:10 2010 023 318.8	1)VOITH PATENT GMBH
(32) Priority Date	:10/06/2010	Address of Applicant :Sankt PÄltener StraÄe 43 89522
(33) Name of priority country	:Germany	Heidenheim Germany
(86) International Application No	:PCT/EP2011/059694	(72)Name of Inventor :
Filing Date	:10/06/2011	1)HEINISCH Andreas
(87) International Publication No	:WO 2011/154527	2)KRAUSE Reiner
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alextres et a		•

(57) Abstract :

The invention relates to a device for pivoting one or more front flaps (1a 1b) of a track guided vehicle in particular rail vehicles. In order to ensure that the opening and closing of the front flap can be implemented as far as possible without friction and without visible joints the invention provides that the device has at least one carrier element (2) which is connected on the one hand to the front flap (1a 1b) and on the other hand to the vehicle underframe wherein the carrier element (2) can be pivoted in the horizontal plane relative to the vehicle underframe and is designed to change during the pivoting the front flap (1a 1b) from closed state into an opened state and vice versa. In addition the device has an activation element (3) which is connected on the one hand on to the at least one carrier element (2) and on the other hand to the vehicle underframe in order to pivot the at least one carrier element (2) relative to the vehicle underframe. The at least one carrier element (2) has a shift mechanism which is designed to shift the front flap (1a 1b) in particular in the closed state in the longitudinal direction of the carrier element (2).

No. of Pages : 26 No. of Claims : 14

(22) Date of filing of Application :11/10/2012

(54) Title of the invention : IN VITRO PRODUCTION OF GLYCYRRHIZIC ACID USING ROOT CULTURES OF TAVERNIERA CUNEIFOLIA (ROTH) ARN.

(51) International classification	A61K31/19	(71)Name of Applicant : 1)DR. ABHAY MADHUKAR HARSULKAR
(31) Priority Document No	:NA	Address of Applicant :BHARATI VIDYAPEETH DEEMED
(32) Priority Date	:NA :NA	UNIVERSITY, INTERACTIVE RESEARCH SCHOOL FOR
(33) Name of priority country(86) International Application No	:NA :NA	HEALTH AFFAIRS, DHANKAWADI, PUNE-411043, MAHARASHTRA, INDIA.
Filing Date	:NA :NA	2)MR. VITHAL BHARATRAO AWAD
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. ABHAY MADHUKAR HARSULKAR
Filing Date	:NA	2)MR. VITHAL BHARATRAO AWAD
(62) Divisional to Application Number	:NA	3)MR. ANIKET ARUN KUVALEKAR
Filing Date	:NA	-,

(57) Abstract :

Plant secondary metabolites are important phytoconstituents, for pharmaceutical, food and industrial applications. Plant tissue culture plays an important role in conservation and in vitro production of secondary metabolites. However, lower yield and high water content are the major obstacles in realizing these goals. Elicitors can profitably be used to

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

(19) INDIA

(22) Date of filing of Application :31/10/2012

(43) Publication Date : 26/09/2014

(54) 7	itle of the invention : CONTAINER	

(51) International place if action	:C08J7/12,	(71)Name of Applicant :
(51) International classification	C08J7/00	1)SAGAR, PRADIP NATHALAL
(31) Priority Document No	:NA	Address of Applicant :READY MONEY TERRACE, 167, DR
(32) Priority Date	:NA	A B ROAD, WORLI, MUMBAI 400 018, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SAGAR, PRADIP NATHALAL
(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 containers comprising an outer housing and an inner pouch, wherein, the container demonstrates surprisingly high barrier properties that prevent ingredients from reacting or in any way corroding the inner layer of the outer housing or of the inner pouch and process for manufacturing.

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

(19) INDIA

(22) Date of filing of Application :31/10/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : TOWER FOR A WIND TURBINE :E04H12/04, (71)Name of Applicant : 1)MEHRA Yogesh Jogindernath (51) International classification E04H12/08, Address of Applicant :Hare Krishna Level 2 Presidency F03D11/04 (31) Priority Document No Society NS Road 8 JVPD Mumbai-400049 Maharashtra India :NA (32) Priority Date (72)Name of Inventor : :NA (33) Name of priority country :NA 1)MEHRA Yogesh Jogindernath (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 subject matter relates to a tower (100) for supporting a wind turbine. The tower (100) comprises at least two tubular tower sections (102-1, 102-2), Each of the tower sections (102-1, 102-2) are of predefined thickness. Further, the tower (100) comprises at least one tower hub (104) and the thickness of the tower hub (104) is greater than the predefined thickness of the tower sections (102-1, 102-2).

No. of Pages : 32 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :31/10/2012

(54) Title of the invention : COUNTING GEMSTONES USING IMAGE PROCESSING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B07C5/30, G01N21/87, G01N21/84 :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)SAHAJANAND TECHNOLOGIES PRIVATE LIMITED Address of Applicant :SAHAJANAND HOUSE PARSI STREET SAIYEDPURA SURAT 395003 Gujarat India (72)Name of Inventor : 1)GAYWALA Rahul Mahendrakumar
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A Method(s) and apparatus(s) of counting gemstones using image processing is described. A gemstone counting apparatus (100) includes a housing (102). The housing (102) includes a tray (120) for holding a plurality of gemstones. The housing (102) further includes a vibrating mechanism to vibrate the tray (120) after a pre-defined time period. The vibrating mechanism arranges the plurality of gemstones in one level. Further, the housing (102) includes a middle plate (113) to hold a camera (114). The camera (114) is positioned directly above the tray (120) to capture images of the tray (120) each time the tray (120) is vibrated by the vibrating mechanism. The images are processed by a processing unit to count number of gemstones in the tray (120).

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

(22) Date of filing of Application :29/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PRECIPITATED CALCIUM CARBONATE FROM PULP MILL WASTE HAVING AN IMPROVED BRIGHTNESS METHOD FOR THE PRODUCTION AND USE THEREOF

(51) International classification	:C01B31/24.C01F11/18	(71)Name of Applicant :
(31) Priority Document No	:11166216.9	1)OMYA INTERNATIONAL AG
(32) Priority Date	:16/05/2011	Address of Applicant :BaslerstraÃe 42 CH 4665 Oftringen
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2012/058432	(72)Name of Inventor :
Filing Date	:08/05/2012	1)SCHMOELZER, THOMAS
(87) International Publication No	:WO 2012/156231	2)SCHMÃ-LZER Thomas
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1 1 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for the production of a precipitated divalent metal ion carbonate product from a divalent metalion carbonate which was recovered from waste the precipitated divalent metal ion carbonate product having an improved brightness the process comprising the steps of: providing a low purity divalent metal ion carbonate material the divalent metal ion carbonate material being recovered from waste; calcining the divalent metal ion carbonate material in order to obtain a divalent metal ion oxide; slaking the divalent metal ion oxide in order to obtain an aqueous suspension of a divalent metal ion hydroxide; carbonating the aqueous suspension of the divalent metal ion hydroxide with a carbon dioxide containing compound in order to obtain fine precipitated divalent metal ion carbonate particles; post treating the fine precipitated divalent metal ion carbonate particles to obtain fine discrete precipitated divalent metal ion carbonate particles to an aqueous suspension of divalent metal ion hydroxide that was obtained by slaking high purity divalent metal ion hydroxide in order to obtain a resulting reaction mixture; and carbonating the resulting reaction mixture in order to obtain the precipitated divalent metal ion carbonate product having an improved brightness.

No. of Pages : 39 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :03/09/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : DISPLAY ELEMENTS		
	:G02B26/02,	(71)Name of Applicant :
(51) International classification	H03K17/96	1)DST INNOVATIONS LIMITED
(31) Priority Document No	:10275021.3	Address of Applicant :Unit 36 88-90 Hatton Garden London
(32) Priority Date	:22/02/2010	EC1N 8PN United Kingdom.
(33) Name of priority country	:EUROPEAN	(72)Name of Inventor :
(33) Name of priority country	UNION	1)MILES Anthony
(86) International Application No	:PCT/GB2011/000243	2)MILES Robert
Filing Date	:22/02/2011	
(87) International Publication No	:WO/2011/101649	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A electrically actuable display element comprises a substrate a display surface and an electrically actuable element disposed between the substrate and the display surface and electrically actuable so as to bring a portion thereof into proximity or contact with the display surface and thereby change the display state of the display element.

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

(22) Date of filing of Application :02/11/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHODS AND LIPID COMPOSITIONS FOR PROMOTING DEVELOPMENT OF GUT FLORA

(51) International classification	:A61K31/23,	(71)Name of Applicant :
(51) International classification	A23L1/30	1)ENZYMOTEC LTD.
(31) Priority Document No	:61/327,964	Address of Applicant :Sagi 2000 Industrial Park 36584 Kfar
(32) Priority Date	:26/04/2010	Baruch Israel.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IL2011/000330	1)BAR-YOSEPH Fabiana
Filing Date	:26/04/2011	2)MANOR Yonatan
(87) International Publication No	:WO/2011/135564	3)COHEN Tzafra
(61) Patent of Addition to Application	:NA	4)GOREN Amit
Number		5)LIFSHITZ Yael
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract :

Disclosed is a method of inducing and promoting development of beneficial gut flora in a subject and/or of reducing the frequency and duration of crying periods in a subject the method comprises administering to the subject a lipid composition comprising a vegetablederived fat source wherein the fat source is a triglyceride fat source comprising triglycerides with 15-55% palmitic acid moieties out of the total fatty acids and wherein the level of palmitic acid moieties at the sn-2 position of the glycerol backbone is at least 30% of total palmitic acid. The method is particularly intended for children. Specific fat sources as well as food articles and a commercial package comprising the same are disclosed.

No. of Pages : 62 No. of Claims : 49

(22) Date of filing of Application :02/11/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : STABLE TRANSDERMAL PHARMACEUTICAL DRUG DELIVERY SYSTEM COMPRISING DICLOFENAC

(51) International classification	:A61K31/196, A61K31/195, A61K47/14 :NA	Address of Applicant :PLOT NO. 1/B, PHARMEZ SPECIAL
(31) Priority Document No(32) Priority Date	:NA :NA	ECONOMIC ZONE, SARKHEJ-BAVLA HIGHWAY (N.H.NO.8A, VILLAGE: MATODA, TAL.SANAND, DIST.
(33) Name of priority country	:NA	AHMEDABAD - 382 213, GUJARAT, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SAPRE ABHAY SADASHIV
(87) International Publication No	: NA	2)GOSWAMI NIMESH BHARATGIRI
(61) Patent of Addition to Application Number	:NA	3)SHETH SNEHAL DIPAKKUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to stable transdermal pharmaceutical drug delivery system of diclofenac or a pharmaceutically acceptable salt thereof. In particular, the present invention relates to stable transdermal pharmaceutical drug delivery system of diclofenac or a pharmaceutically acceptable salt thereof free of any penetration enhancer and/or an antioxidant. More particularly, the present invention relates to stable transdermal pharmaceutical drug delivery system of diclofenac or a pharmaceutically acceptable salt thereof free of any penetration enhancer and/or an antioxidant. More particularly, the present invention relates to stable transdermal pharmaceutical drug delivery system of diclofenac or a pharmaceutically acceptable salt thereof provides an enhanced absorption of drug through skin, flexible backing, longer duration of action, and inhibits crystal formation of drug substance during storage period.

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

(19) INDIA

(22) Date of filing of Application :30/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : FIXATIVE SOLUTION FOR FIXATION AND PRESERVATION OF BIOLOGICAL SAMPLES (51) International classification :G01N1/30 (71)Name of Applicant : (31) Priority Document No 1)LAPENNA Josà Carlos :NA (32) Priority Date Address of Applicant : R. Padre Antonio Pacheco da Silva 431 :NA (33) Name of priority country Padre Bento 13313 003 Itú São Paulo Brazil :NA (86) International Application No :PCT/IB2011/051937 (72)Name of Inventor : 1)GERIGK Roberto Filing Date :02/05/2011 (87) International Publication No :WO 2012/150479 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention refers to a fixative solution suitable for fixation of biological materials such as human or veterinary biological tissues cells organs and secretions as well as bacteria viruses yeasts parasites and biotech products such as embalming articles. New in this invention is the property of this fixative solution not to be a dangerous product towards European standards it contains low concentration of aldehydes or heavy metals rendering a product that cannot be considered dangerous. Even so biological samples can be optimally preserved and fixed with this solution.

No. of Pages : 11 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :31/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : TRI POLE ANTENNA ELEMENT AND ANTENNA ARRAY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:PCT/US2012/036000 :01/05/2012 :WO 2012/151210 :NA :NA	 (71)Name of Applicant : 1)ANDREW LLC Address of Applicant :1100 Commscope Place SE Hickory NC 28602 UNITED STATES OF AMERICA (72)Name of Inventor : 1)ZIMMERMAN Martin Lee 2)TIMOFEEV Igor E. 3)WU Ligang
Number Filing Date	:NA :NA	

(57) Abstract :

A dual polarized base station antenna is provided including a reflector having a longitudinal axis and an array of tri pole elements disposed on the reflector. Each tri pole element has a first side arm and a second side arm. The tri pole element also includes a center arm which is approximately perpendicular to the first and second side arms. The tri pole elements are oriented such that either the side arms or the center arm are parallel to the longitudinal axis of the reflector. The antenna further includes a feed network having a first signal path coupled to the first arms of the tri pole elements and a second signal path coupled to the second arms of the tri pole elements produces a cross polarized beam at +45 degrees and 45 degrees from the longitudinal axis. Tri pole arrays may be used in a multiband antenna.

No. of Pages : 45 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :31/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR OPTIMISED LAUNCH OF A VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:NA :NA	 (71)Name of Applicant : 1)VOLVO LASTVAGNAR AB Address of Applicant :S 405 08 GÃteborg Sweden (72)Name of Inventor : 1)ERIKSSON Anders 2)BJERNETUN Johan
(87) International Publication No	:WO 2012/163369	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Method for optimised launch of a vehicle wherein a driveline of the vehicle at least comprises an engine an automatic transmission a system for exhaust gas recirculation (EGR) which are controlled by a driveline management system (MS) wherein the management system is able to determine the mass (m) of the vehicle and whereby a launching gear of the transmission is calculated dependent at least on the determined mass (m) of the vehicle whereby a launching gear is chosen dependent of the power loss (PL) caused by the EGR and wherein; the power loss (PL) caused by the EGR is determined the available power (P) to launch the vehicle is determined and the launching gear (LG) is recalculated dependent of said available power (P) and selecting said recalculated launching gear (L).

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

(19) INDIA

(22) Date of filing of Application :05/11/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : WIND OPERATED O	CEILING FAN	
 (54) Title of the invention : WIND OPERATED C (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		(71)Name of Applicant : 1)PATEL MOHAMMED HANIF AYUUB Address of Applicant :C/O T. A. PATEL, NAGAR CHAND BUILDING, BEHIND MILLAT NAGAR, MASJID, MILLAT NAGAR, KHADKA ROAD, POST: BHUSAWAL DIST: JALGAON, MAHARASHTRA-425201, INDIA (72)Name of Inventor : 1)PATEL MOHAMMED USMAN HANIF

(57) Abstract :

A wind power based rotating machine comprises: a wind turbine, with blades, adapted to operate as a function of wind power which drives blades which are advantageously located for wind power harnessing and for driving the turbine; rotating machine, with blades, advantageously coupled with said wind turbine in a manner such that angular displacement of blades of said wind turbine cause corresponding angular displacement in blades of said rotating machine; and a set of gears and shafts in a pre-determined configuration, which pre-determined configuration transfers the angular displacement of said wind turbine to said rotating machine.

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

(19) INDIA

(22) Date of filing of Application :30/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PIN GUIDE FOR OPERATING ON AVASCULAR NECROSIS OF THE FEMORAL HEAD

(51) International	:A61B17/90,A61B17/88,A61B17/04	(71)Name of Applicant :
classification	.A01D1// 90,A01D1//08,A01D1//04	1)KOREA HEALTH INDUSTRY DEVELOPMENT
(31) Priority Document No	:1020110029379	INSTITUTE(KHIDI)
(32) Priority Date	:31/03/2011	Address of Applicant :643 Yeonje ri Gangoe myeon
(33) Name of priority country	Republic of Korea	Cheongwon gun Chungcheongbukdo 363 951 Republic of Korea
(86) International	- DCT/KD2011/010292	2)THE CATHOLIC UNIVERSITY OF KOREA
Application No	:PCT/KR2011/010282 :29/12/2011	INDUSTRY ACADEMIC COOPERATION FOUNDATION
Filing Date		(72)Name of Inventor :
(87) International Publication	WO 2012/12/028	1)KIM Seok Jung
No	WO 2012/154058	2)KIM Min Hyun
(61) Patent of Addition to	. NT A	
Application Number	:NA	
Filing Date	:NA	
(62) Divisional to	NT A	
Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a pin guide for operating on avascular necrosis of the femoral head which can completely remove a necrotic portion of an extended region by radially forming side pin guide holes around the center of a central pin guide hole at a front side of a guide body such that the side pin guide holes form a predetermined angle with the central pin guide hole and forming the side pin guide holes such that the latter communicate with the central pin guide hole at the rear side of the guide body. According to the present invention the pin guide for operating on avascular necrosis of the femoral head is characterized by comprising: a guide body; a central pin guide hole passing through the center of the guide body; and side pin guide holes which are radially formed around the center of the central pin guide hole at the front side of the guide body to thereby form an angle with the central pin guide hole and which are punched so as to communicate with the central pin guide hole at the rear side of the guide body.

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

(22) Date of filing of Application :30/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : NOVEL IMIDAZOLE DERIVATIVES USEFUL FOR THE TREATMENT OF ARTHRITIS

(51) International classification:C07D403/04,C07D403/12,A61K31/4439(31) Priority Document No:61/490222(32) Priority Date (33) Name of priority country:26/05/2011(33) Name of priority country:U.S.A.(86) International Application No Filing Date:PCT/US2012/037200 :10/05/2012(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2012/161965(62) Divisional to Application Number Filing Date:NA :NA :NA(62) Divisional to Filing Date:NA :NA	 (71)Name of Applicant : 1)ELI LILLY AND COMPANY Address of Applicant :Lilly Corporate Center Indianapolis Indiana 46285 UNITED STATES OF AMERICA (72)Name of Inventor : 1)HUGHES Norman Earle 2)WOODS Timothy Andrew 3)NORMAN Bryan Hurst
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(57) Abstract :

The present invention provides compounds of the formula below: where A X and R1 R6 are as described herein a pharmaceutical salt thereof and a pharmaceutical composition containing this compound; methods of treating pain associated with osteoarthritis using one of the compounds or a pharmaceutically acceptable salt thereof and processes for preparing the compounds.

No. of Pages : 62 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :08/11/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : MECHANICAL STEERING COLUMN LOCK ASSEMBLY WITH ANTITHEFT MECHANISM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (87) Filing Date (87) International Publication Number (87) International Publication Number (87) International Publication Number (87) International Publication Number (87) Filing Date (87) Divisional to Application Number (87) Filing Date (87) Divisional to Application Number (87) Filing Date (87) Date (87) Divisional to Application Number (87) Filing Date (87) Date (87) Divisional to Application Number (87) Filing Date (87) Date (87) Divisional to Application Number 	IA Address of Applicant :B21, MIDC CHAKAN, PUNE, IA MAHARASHTRA. India IA (72)Name of Inventor : IA 1)HIMANSHU JAIN VA 2)T. SELVARAJ IA 3)KHURRAM ALI BAIG
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(57) Abstract :

The present invention provides a mechanical steering column lock assembly with an antitheft mechanism for a vehicle. The mechanical steering column lock assembly comprises a barrel assembly, a cam, and a key. The barrel assembly includes a rotor unit, a stator unit and a housing. The housing is provided with a notch and a caulking. The mechanical steering column lock assembly of the present invention protects the rotor unit and the stator unit from front pulling thereby providing antitheft protection to the vehicle.

No. of Pages : 11 No. of Claims : 1

(19) INDIA

(22) Date of filing of Application :08/11/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : TRAMADOL CONTAINING PREFILLED SYRINGE :A61M5/315, (71)Name of Applicant : (51) International classification a61k31/00 1)AGRAWAL Pawan (31) Priority Document No :NA Address of Applicant : F 22 Akash Tower Opp: Premchand Nagar Judges Bunglow Road Satellite Ahmedabad Gujarat (32) Priority Date :NA (33) Name of priority country :NA India (86) International Application No :NA 2)AGARWAL Zameer Filing Date :NA (72)Name of Inventor: (87) International Publication No : NA **1)AGRAWAL Pawan** (61) Patent of Addition to Application Number :NA 2)AGARWAL Zameer Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The embodiment of the present invention is to provide Tramadol containing prefilled syringe whereby the sterility is maintained while handling and transportation. The present syringe is prefilled and contains premeasured amount and concentration of Tramadol required for the treatment. Hence, no Tramadol glass ampoules are required unlike the common ways of Tramadol administration where the syringe is filled from the ampoules prior to administration; and the ampoules being made up of glass may get minor invisible cracks while transportation, storage or handling and that may further allow contamination to occur which may have health complications to the individual to whom such drug is administered. Therefore the present syringe being prefilled maintains the sterility of the tramadol while handling, storage, transportation and administration.

No. of Pages : 18 No. of Claims : 3

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : WATER FILTERING DEVICE (51) International classification :C02F1/00,C02F1/28,C02F1/42 (71)Name of Applicant : (31) Priority Document No 1)STRAUSS WATER LTD. :61/485197 (32) Priority Date Address of Applicant :49 Hasivim St. 49517 Petach Tikva :12/05/2011 (33) Name of priority country :U.S.A. Israel (86) International Application No :PCT/IL2012/050160 (72)Name of Inventor : Filing Date :08/05/2012 **1)WILDER Haim** (87) International Publication No :WO 2012/153330 2)KRYSTAL Eyal (61) Patent of Addition to **3)HILLEL Shlomo** :NA Application Number 4)FRENKEL Hella :NA Filing Date **5)RATNER Stanislav** (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The invention relates to a filtering device for filtering running water from a pressurized water source wherein two or more water treatment compartments or modules are arranged within a housing along a water flow path each of the compartments or modules comprising at least one water treatment element or medium for performing a defined water treatment function.

No. of Pages : 53 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :08/11/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : VALVE ASS	EMBLY	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16K31/20, F16K17/26 :1009242.7 :02/06/2010 :U.K. :PCT/GB2011/051033 :01/06/2011 :WO/2011/151645 :NA :NA :NA	 (71)Name of Applicant : 1)HALDEX BRAKE PRODUCTS LIMITED Address of Applicant :Moons Moat Drive North Moons Moat Redditch Worcestershire B98 9HA United Kingdom. (72)Name of Inventor : 1)PRESCOTT Robert David 2)POTTER Laurence John 3)SHAW Edward Gilbert

(57) Abstract :

A valve assembly (110) having a housing (124) into which are provided a first port (112), a second port (114) and a third port (116), and in which are located a first movable member (126), a second movable member (132) and a third movable member (152), the first movable member (126) being movable between a first position which causes the second movable member (132) to close the first port (112) to prevent any substantial flow of fluid through the first port (112), whilst the second (114) and third (116) ports remain open, a second position which causes the third movable member (152) to close the third port (116), whilst the first (112) and second (114) ports remain open and flow of fluid between the first (112) and the second (114) part is permitted, and a third port (116) to prevent any substantial flow of (112) and the third movable member (152) to close the third port (116) to close the first port (112) and the third movable member (152) to close the third port (114) part is permitted, and a third port (116) to prevent any substantial flow of fluid the third movable member (152) to close the third port (116), while the first port (112) and the third movable member (152) to close the third port (116) to prevent any substantial flow of fluid through the third port (116), where in the second movable member (132) and the third movable member (152) are separate such that relative movement between the second movable member (132) and the third movable member (152) is permitted.

No. of Pages : 39 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :08/11/2012

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G05F3/06, F24J 2/08 :61/332,840 :10/05/2010 :U.S.A. :PCT/IB2011/052027 :09/05/2011 :WO/2011/141862 :NA :NA	 (71)Name of Applicant : KAFTORI Daniel Address of Applicant :27 Hazalvanim Street 3437337 Haifa Israel. (72)Name of Inventor : KAFTORI Daniel
Filing Date	:NA	

(54) Title of the invention : SOLAR ENERGY COLLECTING SYSTEMS AND METHODS

(57) Abstract :

An energy collecting module (100) for assembling together with a plurality of similar energy collecting module (100) a modular energy collecting system. The energy collecting module (100) comprises a fluid channel (101) having a lumen for conducting fluid from a first connectable opening to a second connectable opening and an energy collecting element (104) mounted in front of the fluid channel (101) for concentrating radiation along the fluid channel (101).

No. of Pages : 40 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :07/11/2012

(54) Title of the invention · KEY MANAGEMENT BOX

(43) Publication Date : 26/09/2014

(54) The of the invention : RET MANAGEMEN.	I DOA	
(51) International classification	:G06F7/04	(71)Name of Applicant :
(21) Priority Document No	:2011-	1)TOKAI RIKEN CO. LTD.
(31) Priority Document No	255617	Address of Applicant :599 Taniguchi Mugegawa-cho Seki-
(32) Priority Date	:23/11/2011	shi Gifu 5012698 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)Akihiro SATO
Filing Date	:NA	2)Masami UMEMURA
(87) International Publication No	: NA	3)Nobuhiko SEGI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A key management box (1A) includes a card reader (11) configured to read ID for personal authentication a data writing unit (5) to write information on at least the ID read by the card reader (11) in an electronic key (50) a data erasing unit (12) configured to communication with the electronic key (50) and disable the electronic key (50) when the electronic key (50) is determined to be a key on-lending and a control substrate (20) configured to determine that a lending mode is established when the card reader (11) reads the ID and cause an electronic lock (8) to permit opening/closing of a door (3) and then activate the data writing unit (5), or configured to cause the electronic lock (8) to permit opening/closing of the door (3) when the data erasing unit (12) determines that the electronic key (50) is a key on-lending through communication with the electronic key while the card reader (11) does not read ID.

No. of Pages : 46 No. of Claims : 6

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : IN S	STORE SAMPLE 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 	:B05B11/00,A47F1/04,A47F7/28 :13/099568 :03/05/2011 :U.S.A. :PCT/EP2012/057896 :30/04/2012 :WO 2012/150209 :NA :NA :NA	 (71)Name of Applicant : 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 : SNOW John Douglas WILDER Andrew Zachery

(57) Abstract :

A sample dispenser is provided allowing a consumer to sample a product. The dispenser includes a dosing unit (2) having a mechanical pump (48) and a nozzle (50) for dispensing sampling amounts of the flowable substance. The dispenser also includes a cradle assembly (4) featuring a cap (8) and a dock (10) the dock having a receiving area and therein a floor (36) from which projects an upwardly oriented hollow connector (38) with a plastic wall piercing mouth (40). The cap is fittable over a product container (14). Tubing (6) connects the pump and hollow connector allowing communication of the flowable substance between the product container and pump. Also provided is a method to allow a consumer to sample the product.

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

(19) INDIA

Filing Date

Application Number

Filing Date

Filing Date (57) Abstract :

No

Number

(87) International Publication

(62) Divisional to Application :NA

(61) Patent of Addition to

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 26/09/2014

3)RICHARDS Claire Louise

(54) Title of the invention : HA	AIR TREATMENT COMPOSITION	S
(51) International	:A61K8/891,A61K8/898,A61Q5/12	(71)Name of Applicant :
classification	:A01K8/891,A01K8/898,A01Q3/12	1)UNILEVER PLC
(31) Priority Document No	:11165887.8	Address of Applicant : Unilever House 100 Victoria
(32) Priority Date	:12/05/2011	Embankment London Greater London EC4Y 0DY U.K.
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application	·PCT/FP2012/058305	1)DERICI Leo
No	:04/05/2012	2)MURRAY Andrew Malcolm
Eiling Data	.04/03/2012	2) DICUADDS Claima Lauriga

:WO 2012/152722

:NA

:NA

:NA

A hair treatment composition comprising a mixture of at least two silicone emulsions: i) the first emulsion comprising a pre formed emulsion of a amino functionalised silicone ii) the second emulsion comprising a pre formed silicone blend comprising a) from 50 to 95% by weight of the silicone blend of a first silicone having a viscosity of at least 100 000 mm2/sec at 25°C and b) from 5 to 50% by weight of the silicone blend of a second silicone which is functionalised.

No. of Pages : 26 No. of Claims : 19

(21) Application No.2008/MUMNP/2013 A

(19) INDIA(22) Date of filing of Application :28/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : AQUEOUS CONCENTRATED LAUNDRY DETERGENT COMPOSITIONS

(57) Abstract :

An aqueous concentrated liquid laundry detergent comprising: (a) at least 8 wt% preferably at most 40 wt% anionic non soap surfactant; (b) at most 30 wt% of nonionic surfactant; (c) at most 10 wt% of surfactant other than (a) and (b) (d) at least 0.1 wt% preferably at most 10 wt% alkyl hydroxamate; and (e) at least 2 wt% preferably at most 20 wt% nonionic ethoxylated polyethylene imine with an average of between 7 and 40 ethoxy units per substitution site on each nitrogen.

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

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : DEVICE AND METHOD FOR IRRIGATING-EVACUATING A BODY CAVITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61M25/00, A61M31/00 :61/359,404 :29/06/2010 :U.S.A. :PCT/IL2011/000520 :29/06/2011	 (71)Name of Applicant : 1)Hospitech Respiration Ltd. Address of Applicant :Matalon Center Building Wing-A 3rd floor 20 HaMagshimim Street P.O. Box 7970 Kiryat Matalon 49250 Petach-Tikva Israel. (72)Name of Inventor : 1)DEUTSCH Israel
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO/2012/001691 :NA :NA :NA :NA	

(57) Abstract :

A device for irrigating a body cavity with fluid is disclosed. The device comprises a manually-operated pump mechanism configured for delivering a first volume of fluid to the body cavity and delivering a second volume of fluid to the body cavity while concomitantly withdrawing at least said second volume of fluid from the body cavity.

No. of Pages : 65 No. of Claims : 37

(22) Date of filing of Application :26/11/2012

(54) Title of the invention : NOVEL PYRIDONE DERIVATIVES AS ACID SECRETION INHIBITORS AND PROCESS FOR PREPARATION THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C07D215/54, A61K31/4418 :NA :NA :NA :NA :NA :NA :NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	7)PAWAR SANJAY SHANKAR 8)KALHAPURE VIJAY KESHAV 9)MEHTA SAMIT SATISH

(57) Abstract :

The present invention relates to the preparation of stable pyridone disulphide derivatives and its stereoisomers having general formula (I), which are useful in the treatment of gastrointestinal disorders. Pyridone disulphide derivatives (I) wherein, R], R2 and R3 are independently alkyl, alkoxy, halogen, halogenated alkoxy, halogenated alkyl, hydrogen and could be same or different XisCHorN. Ri is methyl, methoxy, fluorine, trifluoromethyl, difluoromethoxy and hydrogen, R2 is methyl, methoxy and hydrogen, and R3 is methyl and hydrogen.

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

(19) INDIA

(22) Date of filing of Application :31/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESS FOR MANUFACTURE OF NANOMETRIC, MONODISPERSE, AND STABLE METALLIC SILVER AND PRODUCT OBTAINED THEREFROM

(51) International classification	:C22C5/06, B22F9/18	(71)Name of Applicant :
(31) Priority Document No	:NL/a/2006/000107	1)SERVICIOS INDUSTRIALES PEÑOLES, S.A. DE C.V.
(32) Priority Date	:20/12/2006	Address of Applicant : Prolongacion Comonfort s/n Antigua
(33) Name of priority country	:Mexico	Aduana, Col. Luis EchevarrÃa, C.P. 27300 TorreÃ ³ n, Coahuila
(86) International Application No	:PCT/MX2007/000047	Mexico
Filing Date	:03/04/2007	(72)Name of Inventor :
(87) International Publication No	:WO/2008/075933	1)MARTà NEZ MARTà NEZ, Jesús Manuel
(61) Patent of Addition to Application	:NA	2)BENAVIDES PÉREZ, Ricardo
Number		3)BOCANEGRA ROJAS, Josà Gertrudis
Filing Date	:NA	4)RUIZ, Facundo
(62) Divisional to Application Number	:1123/MUMNP/2009	5)VÃ ZQUEZ DURÃ N, Alma Guadalupe
Filed on	:13/06/2009	6)MARTÃ NEZ CASTAÃ'ON, Gabriel Alejandro

(57) Abstract :

The present invention refers to a process for the preparation by wet milling of nanometric particles of metallic silver, having a diameter in the range of 1 to 100 nm and an average diameter of 20 to 40 nm, with characteristics of monodispersion, stability greater than 12 months and in a wide range of concentrations. The process is made up of 4 steps: a) preparation of the reducing agent solution taken from the group of tannins and preferably being tannic acid; b) preparation of a soluble silver salt solution; c) the reaction and d) the separation of solid and liquid; the size of the particle is determined by the nature of the reducing agent and by the control of the pH of the currents.

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

(19) INDIA

(22) Date of filing of Application :29/11/2012

(54) Title of the invention : CULTIVATION OF ALGAE FOR THE PRODUCTION OF BIOFUEL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12P7/64,C12N 1/12, C12N15/82 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)Indian Oil Corporation Limited Address of Applicant :G-9 Ali Yavar Jung Marg Bandra (East) Mumbai-400 051 (IN) Maharashtra India (72)Name of Inventor : 1)KUMAR Manoj 2)SINGH Mahendra Pratap 3)SINGH Dheer 4)CHOPRA Anju 5)TULI Deepak Kumar 6)MALHOTRA Ravinder Kumar
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(57) Abstract :

The present invention relates to a method of cultivation of micro-algae for the production of biofuel. Specifically, the present invention also relates to a method of mixotrphic cultivation of algae.

No. of Pages : 40 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :18/12/2012

(43) Publication Date : 26/09/2014

(54) Ittle of the invention : SAFE BOX FOR A VEHICLE		
(51) International classification	:B60R13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SURESH RAMPRAKASH CHAWLA
(32) Priority Date	:NA	Address of Applicant :KARISHMA NEST, ROW HOUSE
(33) Name of priority country	:NA	NO:- 8, MORWADI, PIMPRI, PUNE:- 411018.
(86) International Application No	:NA	MAHARASHTRA STATE, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SURESH RAMPRAKASH CHAWLA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SAFE BOX FOR A VEHICLE

(57) Abstract :

The present invention provides a safe deposit box for a vehicle, said safe deposit box comprising: a body defining an enclosure adapted to receive and hold articles therein, said body received and concealed within a hollow portion of a spare wheel rim supported over a floor of the vehicle; a door assembly functionally coupled to an operative top portion of said body and adapted to selectively cover and uncover an opening configured on said operative top portion of said body to respectively restrict and permit access to an interior of said enclosure, said door assembly comprising: o a door; o a hinge assembly functionally coupled to said door and said body and adapted to facilitate swivelling of said door about at least a portion of a periphery of said opening for defining a closed and an open configuration of said door, said hinge assembly have a spring regulated by a cam for facilitating restrictive swivelling of said door; o a locking arrangement configured on said door and said periphery of said opening for locking said door with respect to at least a portion of said periphery of said opening, said locking arrangement comprising: a top lever lock adapted to be actuated by actuating of a cam lock which in turn is actuated by a key, said cam lock having a ratchet with teeth configured thereon that gets angularly displaced by actuation of said cam lock, wherein the top lever latches with said periphery of said opening; a slider having teeth that are adapted to engage with teeth of said ratchet for facilitating linear movement of said slider upon actuation of said cam lock by said key, and a arrestor functionally coupled to said slider and urged outwardly by a spring and a stopper to urge said levers of said top lever lock to define a locked configuration, said arrestor adapted to be disengaged from said stopper and retract due to movement of said stopper by actuation of said cam lock, thereby defining unlocked configuration and getting ready for relocking; and an auto alert mechanism adapted to provide indications after initiation of door locking operation for prompting a user of said safe deposit box to perform all necessary checks such as whether said key of the locking arrangement has not been left inside the safe deposit box, before completely locking said door, and a lining disposed along inner walls of said body for preventing damage to contents of said safe deposit box due to contents repeatedly striking said inner walls of said safe deposit box due to vibration and friction.

No. of Pages : 63 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :23/10/2013

(43) Publication Date : 26/09/2014

(51) International classification	:G06T15/00,G06T15/40	(71)Name of Applicant :
(31) Priority Document No	:13/100470	1)QUALCOMM Incorporated
(32) Priority Date	:04/05/2011	Address of Applicant : International IP Administration 5775
(33) Name of priority country	:U.S.A.	Morehouse Drive San Diego CA 92121 UNITED STATES OF
(86) International Application No	:PCT/US2012/036651	AMERICA
Filing Date	:04/05/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/151550	1)NORDLUND Petri
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : LOW RESOLUTION BUFFER BASED PIXEL CULLING

(57) Abstract :

Aspects of this disclosure are directed to updating a low resolution buffer during a binning pass of an image surface by a graphics processing unit (GPU). For example during the binning pass of the image surface the GPU may divide the image surface into a plurality of blocks of surface pixels of the image surface. The GPU may then store a surface identifier of the image surface within storage locations of the low resolution buffer to correspond to each of the blocks of the surface pixels of the image surface.

No. of Pages : 51 No. of Claims : 46

(22) Date of filing of Application :23/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PEPTIDES WITH ANTIMICROBIAL ACTIVITY DRUG COMPOSITIONS FOR THE PROPHYLAXIS AND TREATMENT OF ANIMALS COMPOSITIONS FOR THE PROPHYLAXIS AND TREATMENT OF PLANTS USES OF SAID PEPTIDES AND USES OF PAENIBACILLUS ELGII OUROFINENSIS EXTRACT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:PCT/BR2011/000104 :12/04/2011 :WO 2012/139179	 (71)Name of Applicant : 1)OUROFINO PARTICIPACOES E EMPREENDIMENTOS S/A Address of Applicant :RODOVIA ANHANGUERA SP 330, KM 298, BLOCO C, 20 ANDAR, CRAVINHOS, SP BRAZIL 2)UNIÃfO BRASILIENSE DE EDUCAÇÃfO E CULTURA UBEC (72)Name of Inventor : 1)HENRIQUE Carlos Henrique 2)FERNANDEZ DE ARAÊJO Janaina 3)PEREIRA DE CASTRO Alinne
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)PEREIRA DE CASTRO Alinne 4)CARVALHO Lucas 5)LUIS FRANCO OctÃ;vio
(62) Divisional to Application Number Filing Date	:NA :NA	6)KUROKAWA SILVA Adriane 7)HENRIQUE KRUGER Ricardo

(57) Abstract :

The present invention provides extracts of material fermented with sp. preferably the herein denominated which have antimicrobial activity and/or growth promoting activity for animals that will be slaughtered for human consumption. The invention provides new peptides obtained from fractions of the fermentation extract said new peptides having antimicrobial activity and growth promoting activity for organisms for example plants and animals. The invention also relates to the use of the extract from this new strain for promoting growth and as an antimicrobial agent for the prophylaxis and treatment of animals for human consumption.

No. of Pages : 39 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 26/09/2014

(71)Name of Applicant : :H02J3/36, 1)ALSTOM TECHNOLOGY LTD (51) International classification H02M1/15, H02M7/12 Address of Applicant :Brown Boveri Strasse 7 CH-5400 (31) Priority Document No :NA Baden Switzerland. (72)Name of Inventor: (32) Priority Date :NA (33) Name of priority country :NA **1)TRAINER David** (86) International Application No :PCT/EP2010/058630 2)DAVIDSON Colin Charnock Filing Date :18/06/2010 **3)OKAEME Nnamdi** (87) International Publication No :WO/2011/157300 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : CONVERTER FOR HVDC TRANSMISSION AND REACTIVE POWER COMPENSATION

(57) Abstract :

A power electronic converter for use in high voltage direct current power transmission and reactive power compensation comprises a plurality of switching elements (58) interconnecting in use a DC network (48) and one or more AC networks (52) the plurality of switching elements (58) being controllable in use to facilitate power conversion between the AC and DC networks (52 48) wherein in use the plurality of switching elements (58) are controllable to form one or more short circuits within the power electronic converter so as to define one or more primary current flow paths the or each primary current flow path including a respective one of the AC networks (52) and the power electronic converter and bypassing the DC network (48).

No. of Pages : 53 No. of Claims : 37

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : STOCK KEEPING UNIT RATIONALIZATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	G06Q30/00 :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)ROY, Subarna 2)RAY, Soumen
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Systems and methods for stock keeping unit rationalization are described. In one embodiment, the method for SKU rationalization comprises, determining a most preferred SKU and at least one alternative SKU from amongst the plurality of SKUs for each of a plurality of consumers based on a sales data. The method further comprises, comparing a current satisfaction score and a new satisfaction score for each of the plurality of consumers upon purchase of the most preferred SKU and the at least one alternative SKU respectively. Once the current satisfaction score and the new satisfaction score are compared, for each of the plurality of SKUs, a total number of store-switchers from amongst the plurality of consumers are estimated. Based on the estimation, at least one SKU from amongst the plurality of SKUs is delisted.

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

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 26/09/2014

(51) International classification :G01F1/38,G01R7/16 (71)Name of Applicant : 1)COMMISSARIAT LÉNERGIE ATOMIQUE ET AUX (31) Priority Document No :11 53646 (32) Priority Date **ÉNERGIES ALTERNATIVES** :28/04/2011 Address of Applicant :25 rue Leblanc BÃtiment Le Ponant D (33) Name of priority country :France (86) International Application No :PCT/EP2012/057855 F 75015 Paris France Filing Date :27/04/2012 (72)Name of Inventor : (87) International Publication No :WO 2012/146756 **1)FOUILLET Yves** (61) Patent of Addition to Application 2)BOURGERETTE Alain :NA Number **3)FUCHS Olivier** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : MICRO FLOW METER AND METHOD FOR PRODUCING SAME

(57) Abstract :

The invention relates to a flow meter comprising a first chamber (11) and a second chamber (13) that are interconnected by a channel (12) the first chamber being provided with a first deformable membrane (11) and a first and a second gauge (R1 R2) the second chamber (13) being provided with a second deformable membrane (13) and a third and a fourth gauge (R3 R4) the four gauges forming a Wheatstone bridge.

No. of Pages : 39 No. of Claims : 21

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND DEVICE FOR NON-INVASIVE AND SELECTIVE DETERMINATION OF BIOMECHANICAL, CONTRACTILE AND VISCOELASTIC PROPERTIES OF SURFACE SKELETAL MUSCLES

(51) International classification	:A61B5/11	(71)Name of Applicant :
(31) Priority Document No	:P-201000203 (SI)	1)TMG-BMC d.o.o.
(32) Priority Date	:07/07/2010	Address of Applicant :Splitska Ulica 5 1000 Ljubljana
(33) Name of priority country	:Slovenia	Slovenia
(86) International Application No	:PCT/SI2011/000034	(72)Name of Inventor :
Filing Date	:30/06/2011	1)TOMAŽIC, SaÅ;o
(87) International Publication No	:WO/2012/005701	2)Ã ordevic Srdan
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The subject of this invention is a measurement method and device for selective and non-invasive determination of biomechanical, contractile and viscoelastic properties (BCVP) of skeletal muscles, muscle parts, tendons and ligaments (subjects of measurements) performed in situ (examine the phenomenon exactly in place where it occurs) by measuring the force at the skin surface above the subject of measurement. The essential parts included of the measurement device (A) include a measurement sensor (1) with a suitably shaped sensor tip (2), a microprocessor (3) and a supporting part (4). The innovative measurement device (A) is shaped in such a way that when positioned on the skin surface (5), the sensor tip (2) is pressed into the skin. Any suitable force or pressure meter can be used to measure the force at the skin surface above the subject of measurement, where sensor tip (2) position is not affected by the measuring force.

No. of Pages : 31 No. of Claims : 11

(19) INDIA

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

(43) Publication Date : 26/09/2014

:G01N23/02, (71)Name of Applicant : 1)CSEM Centre Suisse dElectronique et de Microtechnique G21K, (51) International classification G01N23/06. SA Address of Applicant : Rue Jaquet-Droz 1 2002 NeuchÃtel G21K7/00 :CH-Switzerland (31) Priority Document No 01753/11 (72)Name of Inventor : (32) Priority Date :28/10/2011 1)Kottler Christian (33) Name of priority country :Switzerland 2)Vincent Revol (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : X-RAY INTERFEROMETER

(57) Abstract :

Embodiments relate to an X-ray interferometer for imaging an object (130) comprising: a phase grating (122) for effecting in correspondence with the phase grating geometry a phase shift to at least a part of X-ray incident onto the phase grating (122); and an absorption grating (123) for effecting in correspondence with the absorption grating geometry absorption to at least a part of X-ray incident onto the absorption grating (123). The X-ray interferometer may be characterized in that the grating period (P122) of the phase grating (122) and the grating period (P123) of the absorption grating (123) are dimensioned such that a detector (140) for X-rays can be placed at a relatively large distance away from the absorption grating (123) such the phase contrast sensitivity of the image of the object detected by the detector remains substantially unaffected.

No. of Pages : 41 No. of Claims : 15

(22) Date of filing of Application :31/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : AN ECO-FRIENDLY PROCESS FOR THE SYNTHESIS OF BROMO SUBSTITUTED COMPOUNDS

(51) International classification	:C07C 17/12,C07B	,
	39/00	Address of Applicant :11A, KAMESHWAR JAY
(31) Priority Document No	:NA	APARTMENT RAMDEVNAGAR ROAD, OPP. RAJSUYA
(32) Priority Date	:NA	BUNGLOWS, SATELITE, AHMEDABAD-380015, GUJARAT
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. MAHESH KISHORCHANDRA DALAL
(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 eco-friendly catalytic process for bromination of aliphatic or aromatic compounds wherein the said process is found excellent in reducing waste formed due to the acidic side products of the bromination reaction and would increase the yield of the reaction.

No. of Pages : 12 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :25/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ENERGY EFFICIENT PROCESS FOR PRODUCING NITROGEN OXIDE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C01B21/30,B01J19/08 :20110659 :04/05/2011 :Norway :PCT/NO2012/050073 :23/04/2012 :WO 2012/150865 :NA :NA :NA :NA	 (71)Name of Applicant : 1)N2 APPLIED AS Address of Applicant :Beddingen 2 N 0250 Oslo Norway (72)Name of Inventor : 1)INGELS Rune
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(57) Abstract :

A process for producing NO gas from a feed flow of air or oxygen enriched air by means of moving an electric arc through the air flow by using a magnetic field and AC or DC currents in a reactor wherein a pressure lower than 1 bar is applied wherein the temperature in the exited arc is adjusted to be within the range of 3000 to 5000 Kelvin and wherein the air flow is quenched by applying a spray of fine water droplets upstream or just downstream the arc excess air feed or bypassed air to obtain a stable NO containing plasma having a temperature below 2000 Kelvin.

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

(19) INDIA

(22) Date of filing of Application :21/09/2012

(43) Publication Date : 26/09/2014

()		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H02M7/757, H02M7/797 :NA :NA :NA :PCT/EP2010/054660	 (71)Name of Applicant : 1)ALSTOM TECHNOLOGY LTD Address of Applicant :Brown Boveri Strasse 7 CH-5400 Baden Switzerland. (72)Name of Inventor : 1)TRAINER David
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:PC1/EP2010/054660 :08/04/2010 :WO/2011/124258 :NA :NA	1)TRAINER David 2)CANELHAS Andre Paulo 3)DAVIDSON Colin Charnock 4)BARKER Carl David
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : HYBRID HVDC CONVERTER

(57) Abstract :

The invention relates to a power electronic converter (20a) for use in high voltage direct current power transmission and reactive power compensation which comprises at least one converter limb (22) including first and second DC terminals (24a, 24b) for connection in use to a DC network (26), the or each converter limb (22) including at least one first converter block (32) and at least one second converter block (34) connected between the first and second DC terminals (24a, 24b); the or each first converter block (32) including a plurality of line-commutated thyristors (36) and at least one first AC terminal (28) for connection in use to an AC network (30), the or each second converter block (34) including at least one auxiliary converter including a plurality of self-commutated switching elements; wherein the self-commutated switching elements are controllable in use to inject a voltage to modify a DC voltage presented to the DC side of the converter limb (22) and/or modify an AC voltage and an AC current on the AC side of the power electronic converter (20a).

No. of Pages : 61 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :18/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR CLEANING BODY CAVITIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61M 3/02, A61B 1/12 :61/354,226 :13/06/2010 :U.S.A. :PCT/IL2011/000470 :13/06/2011	 (71)Name of Applicant : 1)MOTUS GI MEDICAL TECHNOLOGIES LTD. Address of Applicant :18 Wadi El Hadg Street Nazareth Industry Zone 1603613 Nazareth Israel. (72)Name of Inventor : 1)SHTUL Boris 2)MOROCHOVSKY Alexey
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO/2011/158232 :NA :NA :NA :NA	3)BANZGER Alexander 4)HASSIDOV Noam

(57) Abstract :

This application presents methods and devices for continuously cleaning a colon by at least partially filling a segment of the colon with liquid and agitating the fluid to dislodge matter adhering to the colon walls. Methods for automatic maintenance of liquid levels in the colon during continuous cleaning are taught.

No. of Pages : 80 No. of Claims : 53

(19) INDIA

(22) Date of filing of Application :14/12/2012

(54) Title of the invention : OPTIMIZING SETUP TIME REDUCTION :G06F (71)Name of Applicant : 19/20, 1)MANDAR ARVIND KELKAR (51) International classification G06F Address of Applicant :FLAT NO. 8. MONALISA APARTMENT, SBI COLONY, NEAR SANGAM PRESS, 17/00(31) Priority Document No KOTHRUD, PUNE 411038, MAHARASHTRA, INDIA. :NA (32) Priority Date :NA 2)CHINMAY SHEKHAR DAMLE (33) Name of priority country :NA **3)VYYOM BHOOSHAN KELKAR** (86) International Application No :NA (72)Name of Inventor : Filing Date :NA 1)MANDAR ARVIND KELKAR (87) International Publication No : NA

:NA

:NA

:NA

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

(57) Abstract :

Filing Date

Filing Date

A computing device implemented method and a system for optimizing setup time reduction for a production process are disclosed. Type and activities of the production process are identified. The identified activities are analyzed into external activities and internal activities, wherein the analyzing uses SMED (Single Minute Exchange of Die) methodology. The identified type, external activities and the internal activities are processed using at least one method selected from the group consisting of: ontology, an unstructured data analytics method, a codification method and a clustering method.

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

(62) Divisional to Application Number

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : LOCKING SYSTEM WITH HANDLE			
(51) International classification	:E05B65/20, B60R25/00	(71)Name of Applicant : 1)DR. JOSHI PRABHAKAR ANANT	
(31) Priority Document No	:NA	Address of Applicant :WELMADE LOCKINGSYSTEMS	
(32) Priority Date	:NA	PVT. LTD., J-61, M.I.D.C, BHOSARI, PUNE 411026,	
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.	
(86) International Application No	:NA	2)JOSHI SALIL PRABHAKAR	
Filing Date	:NA	(72)Name of Inventor :	
(87) International Publication No	: NA	1)DR. JOSHI PRABHAKAR ANANT	
(61) Patent of Addition to Application Number	:NA	2)JOSHI SALIL PRABHAKAR	
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

A locking system for locking and unlocking a door with respect to a frame includes a lock case, a receptacle, a latch bolt and a dead bolt mechanism and a handle sub-assembly. The lock case has a plurality of openings. The receptacle is mounted on the frame and has a plurality of openings matching with and co-axial with openings on lock case. The latch bolt mechanism is slidingly disposed on inner surface of lock case and includes at least one latch bolt that is slidably received by corresponding openings on lock case and receptacle to define latched configuration. The dead bolt mechanism is slidingly disposed on latch bolt mechanism and includes a plurality of dead bolts that are slidably received by openings on lock case and receptacle to define locked configuration. The handle of handle sub-assembly is disposed on outer side of door and is coupled to latch bolt mechanism.

No. of Pages : 43 No. of Claims : 18

(22) Date of filing of Application :27/11/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESS FOR PREPARATION OF MONODISPERSE NANOSTRUCTURES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C25D1/00, C22B3/00 :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY Address of Applicant :POWAI, MUMBAI 400076, MAHARASHTRA, INDIA. (72)Name of Inventor : 1)JEOTIKANTA MOHAPATRA 2)ARIJIT MITRA 3)PROF. DHIRENDRA BAHADUR
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)PROF. MOHAMMED ASLAM
(62) Divisional to Application Number Filing Date	:NA :NA	

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(57) Abstract :

The invention relates to a greener strategy for the synthesis of monodisperse nanostructures utilizing long chain amine as a solvent, reducing and surface-functionalizing agent.

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

(21) Application No.3375/MUM/2012 A

(22) Date of filing of Application :27/11/2012

(43) Publication Date : 26/09/2014

2) PROF. VIVEK P SONI

3)AMIT KUMAR JAISWAL

(54) Title of the invention : NANO-COMPOSITE BONE REGENERATIVE MATERIAL COMPRISING METAL SILICATE (71)Name of Applicant : :A61K33/42, (51) International classification 1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY A61K33/30,C04B35/62 Address of Applicant : POWAI, MUMBAI 400076, (31) Priority Document No :NA (32) Priority Date MAHARASHTRA, INDIA. :NA (72)Name of Inventor: (33) Name of priority country :NA **1)PROF. JAYESH BELLARE** (86) International Application No :NA

:NA

: NA

:NA

:NA

:NA

:NA

(57) Abstract :

Number

Filing Date

Filing Date

Filing Date

(87) International Publication No

(61) Patent of Addition to Application

(62) Divisional to Application Number

The present invention relates to a nanocomposite scaffold useful for bone regeneration comprising a polymer component and a ceramic component, and a process for its preparatioa In particular, the present invention relates to a nanocomposite scaffold wherein the ceramic component is a metal silicate. The said scaffold displays enhanced cell proliferation, osteogenic, in-vitro cellular activity and bioactivity.

No. of Pages : 36 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :27/11/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : COMPOSITION FOR MASONRY MORTARS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C04B28/04, C04B18/04 :NA :NA :NA :NA	 (71)Name of Applicant : 1)JOSHI PRADEEP VASANT Address of Applicant :M-903, BALAWANTPURAM SAMRAJYA, PETHKAR PROJECTS -NEAR VANAZ, PAUD ROAD, KOTHRUD, PUNE 411038 MAHARASHTRA, INDIA. 2) JOSHI SHU PA PRADEEP
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:NA : NA :NA :NA	2)JOSHI SHILPA PRADEEP (72)Name of Inventor : 1)JOSHI PRADEEP VASANT 2)JOSHI SHILPA PRADEEP
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present disclosure provides a composition suitable for masonry applications which comprises at least one binder, a filler mixture, at least one property modifier and water. The filler mixture used in the composition of the present disclosure comprises fillers which are used as a source for the following constituents: A12O3, SiO2 and CaO. The composition of the present disclosure is cement free, environment friendly and is in ready to use form.

No. of Pages : 33 No. of Claims : 21

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : CELL SORTER SYSTEM AND METHOD (51) International classification :C12M1/42,C12Q1/24,C12N13/00 (71)Name of Applicant : 1) BECTON DICKINSON AND COMPANY (31) Priority Document No :61/480872 (32) Priority Date :29/04/2011 Address of Applicant :1 Becton Drive MC110 Franklin Lakes New Jersey 07417 1880 UNITED STATES OF AMERICA (33) Name of priority country :U.S.A. (72)Name of Inventor : (86) International Application :PCT/US2012/028951 1)VAN DEN ENGH Ger No :13/03/2012 Filing Date (87) International Publication :WO 2012/148584 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

Provided herein are improved cell sorter systems and methods. Such systems and methods provide a self stabilizing sorter jet to automate calibration and address the issue of drift in cell sorting systems. The systems and methods presented make it possible to determine and set the charge delay interval automatically with circuitry in the cell sorter. These circuits can set monitor and adjust the time delay continuously allowing for a completely automatic autonomous turn key self stabilizing sorter jet.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : ENERGY MANAGEMENT SYSTEM OF A VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:B00 w 20/00,B00 w 10/08,B00 w 10/30	 (71)Name of Applicant : 1)VOLVO LASTVAGNAR AB Address of Applicant :S 405 08 GÃteborg Sweden (72)Name of Inventor : 1)ÃSBOGÃRD Mattias
(86) International Application No Filing Date	:PCT/EP2011/002406 :16/05/2011	
(87) International Publication No	:WO 2012/155927	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The inventive energy management system (EMS) controls the energy flows in the vehicle by adapting pricing rules. In the EMS the price (Pm P2 PB1) of the energy is variable dependent of the momentary supply of energy in a global energy system i.e. the vehicle. Each auxiliary system (GEN B C) in the global energy system has an individual price limit above which the auxiliary system (GEN B C) won t purchase any more energy. Some auxiliary systems (B) have variable price limits depending of those auxiliary systems yatems are the energy for the auxiliary systems (GEN B C) are represented in the EMS by activation agents

(CA1 CA2 CAn BA1 BAn) which have different behaviour depending of what kind of auxiliary system they represent. Said activation agents (CA1 CA2 CAn BA1 BAn) control the energy flows in the global energy system. In the EMS the energy systems are divided into two categories; energy main system and energy auxiliary systems.

No. of Pages : 23 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : REST DETECTION USING ACCELEROMETER				
(51) International classification	:G06F1/16,G06F3/033	(71)Name of Applicant :		
(31) Priority Document No	:13/082294	1)QUALCOMM INCORPORATED		
(32) Priority Date	:07/04/2011	Address of Applicant : Attn: International IP Administration		
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego CA 92121 UNITED STATES		
(86) International Application No	:PCT/US2012/032592	OF AMERICA		
Filing Date	:06/04/2012	(72)Name of Inventor :		
(87) International Publication No	:WO 2012/154349	1)BEVILACQUA Mathew W.		
(61) Patent of Addition to Application	:NA	2)SRIDHARAN Kaushik		
Number	:NA :NA	3)KOCHINSKI Yehonatan		
Filing Date	.INA			
(62) Divisional to Application Number	:NA			
Filing Date	:NA			

(57) Abstract :

Example methods apparatuses or articles of manufacture are disclosed herein that may be utilized in whole or in part to facilitate or support one or more operations or techniques for detecting a state of rest of a mobile communication device using at least in part output signals from an accelerometer.

No. of Pages : 49 No. of Claims : 39

(19) INDIA

(22) Date of filing of Application :26/12/2012

	:C10L	(71)Name of Applicant :
	5/46,	1)Innovative Eco Care Pvt. Ltd.
(51) International classification	C10L	Address of Applicant : A 103 Sagun Plaza Opp. Goyal Plaza
	5/00,C10j	Judges Bunglow Road Vastrapur Ahmedabad 380 015 Gujarat
	3/00	India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Chaturvedi Vipul Dhirendrakumar
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : PROCESS FOR CONVERTING SOLID WASTE TO SOLID FUEL

(57) Abstract :

The converting method of waste materials to solid fuel is an eco-friendly method in which inoculum made from the naturally occurring strains of Lactobacillus and Saccharomyces are used to provide an odourless and pathogen free environment during the whole process. In the present invention, Municipal Solid Waste (MSW) is collected and treatment is done by mixing the GRAS (Generally Recognized As Safe) microbe. After treatment heap is prepared and then it is left to attain specific temperature to reduce moisture and fed to rotary screen or any other screening equipments for size segregation. Magnetic separation and eddy current separation are done on the segregated waste to remove metals and send to shredding machine and rotary screen for size segregation to recover biomass, recyclable, non-recyclable and usable materials. The shredded MSW is send to the pneumatic or any other equipments for cleaning to remove dirt, dust and other materials similar to thereof. Finally, the cleaned MSW is subjected to make RDF in form of briquettes or pellets or fluff.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : A PROCESS FOR THE PURIFICATION OF AZILSARTAN MEDOXOMIL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	C07D413/10 :NA :NA :NA	 (71)Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :CADILA HEALTHCARE LTD; PLOT NO. 26-29 & 31, DABHASA-UMARAYA ROAD, VILL. DABHASA-391440, TAL. PADRA, DIST. VADODARA,
(86) International Application No Filing Date	:NA :NA	GUJARAT, INDIA (72)Name of Inventor :
(87) International Publication No	: NA	1)DWIVEDI SHRIPRAKASH DHAR
(61) Patent of Addition to Application Number	:NA	2)SINGH KUMAR KAMLESH
Filing Date	:NA	3)GAJERA JITENDRA MAGANBHAI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to process an improved process for the preparation of azilsartan medoxomil. In particular, the field of invention relates to a process for purification of azilsartan medoxomil. More particularly, the invention relates to an improved process for preparation of azilsartan medoxomil and its pharmaceutically acceptable salts.

No. of Pages : 57 No. of Claims : 31

(22) Date of filing of Application :02/11/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : A METHOD FOR REGISTRATION VERIFICATION AND AUTHENTICATION OF ENTITIES AND WARRANTY/GUARANTEE AND LOCATION TRACKING THEREOF

(57) Abstract :

The present invention discloses a method for registration verification and authentication of entities and its warranty/guarantee replacement/maintenance and location tracking using UID code and user communication devices through receiving UID code of entity from user verifying whether the received UID code is related to the information stored in the database or not registering the verified entity information to a user activating the warranty/guaranty as per manufacturer[™]s guidelines sending the notification to the user as per the request of the user updating the warranty/guarantee information after claim tracking the location of the entity and notifying the manufacturer after the location tracking. The method explained above uses different communication channels namely SMS online network from point of sale email Interactive voice response (IVR) voice call and voice messaging service. Common communication channel may be used for multiple entity of the one manufacturer or multiple manufacturers.

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

(19) INDIA

(22) Date of filing of Application :05/11/2012

(54) Title of the invention : LOCKING ASSEMBLY WITH ANTITHEFT MECHANISM FOR 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 	E05B65/00 :NA :NA :NA :NA :NA : NA :NA	 (71)Name of Applicant : 1)MINDA VALEO SECURITY SYSTEMS PVT. LTD. Address of Applicant :B21, MIDC CHAKAN, PUNE, MAHARASHTRA. India (72)Name of Inventor : 1)HIMANSHU JAIN 2)T. SELVARAJ 3)KHURRAM ALI BAIG
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a locking assembly with an antitheft mechanism. The locking assembly with antitheft mechanism of the present invention includes a rotor unit, a stator unit, a key, a lever, a cylindrical barrel and a latch. The locking assembly with antitheft mechanism provides delay in cylindrical barrel removal in antitheft testing. Further, the antitheft mechanism provides additional resistance to breaking of the lock assembly of the door of the vehicle.

No. of Pages : 11 No. of Claims : 1

(19) INDIA(22) Date of filing of Application :26/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : FUEL GAUGE ARRANGEMENT FOR VEHICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G01F23/68, G01F23/14 :NA :NA :NA :NA	 (71)Name of Applicant : 1)MAHINDRA TWO WHEELERS LTD. Address of Applicant :D1 BLOCK, PLOT NO. 18/2 (PART), MIDC, CHINCHWAD, PUNE - 411 019 MAHARASHTRA, INDIA. (72)Name of Inventor :
 Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA : NA :NA :NA :NA	1)VENKATRAMAN YOGARAJA 2)SOLAIDEVAR LAKSHMANAN 3)SUNDARAM SUDHARSAN 4)JASTI KIRANKUMAR 5)SHENDE RAMKRUSHNA
Filing Date	:NA	

(57) Abstract :

A fluid gauge system includes a float, at least one moving contact and a sensor module. The float floats on a surface of fluid contained inside a fluid tank and moves up and down as fluid level inside the fluid tank changes. The moving contact is functionally coupled to float and moves along an arcuate path as the float moves. The sensor module is having a resistance plate with a plurality of resistors disposed on the resistance plate and arranged along an arcuate profile complimentary to the arcuate path followed by the moving contact such that the plurality of resistors co-operates with the moving contact to establish a spring biased contact between the moving contact and a particular resistor of the plurality of resistors to set up an electrical circuit corresponding to a level of the float and therefore corresponding to a particular level of fluid inside the fluid tank.

No. of Pages : 26 No. of Claims : 11

(22) Date of filing of Application :08/11/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : STEEL MATERIAL FOR INDUCTION HARDENING AND METHOD FOR MANUFACTURING 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 	:JP2011- 245933	 (71)Name of Applicant : 1)JFE STEEL CORPORATION Address of Applicant :2-3 Uchisaiwai-cho 2-chome Chiyoda- ku Tokyo 1000011 Japan. (72)Name of Inventor : 1)HIGASHI Keiichi
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	
		1

(57) Abstract :

Provided is a measure for preventing quench cracking upon induction hardening. A steel material for induction hardening made by an ingot casting method followed by forging and/or rolling has a composition including by mass, C: 0.30 to 0.70 %, Si: 0.15 to 0.35 %, Mn: 0.50 to 1.0 %, P: 0.030 % or less, S: 0.030 % or less, Al: 0.50 % or less, Cr: 0.75 to 1.6 %, and Mo: 0.15 to 0.35 % by mass, the balance being Fe and incidental impurities. The steel material has a ratio DISEG/DIMTX of less than 5.00, wherein DISEG is a DI value for segregation region and DIMTX is a DI value for matrix.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : POLYMER OF MALEIC ACID ALLYL ETHER AND (METH)ACRYLIC ACID COMPOUNDS AND PREPARATION AND USE THEREOF

 (51) International classification (31) Priority Document Not (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:10/05/2011 :EPO :PCT/EP2012/058396 :07/05/2012 :WO 2012/152766	 (71)Name of Applicant : 1)SIKA TECHNOLOGY AG Address of Applicant :Zugerstrasse 50 CH 6340 Baar Switzerland (72)Name of Inventor : 1)SULSER Ueli 2)FRUNZ Lukas 3)ZIMMERMANN JÃrg
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to	:WO 2012/152766 :NA	
Application Number Filing Date	:NA	

(57) Abstract :

The invention relates to comb polymers of maleic acid or derivatives thereof allyl ethers and (meth)acrylic acid or derivatives thereof and to the preparation thereof by free radical polymerization at a reaction temperature of 10°C to 50°C. The invention further relates to the use of such comb polymers for improving the processability of hydraulically setting compositions.

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

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

(54) Title of the invention : BIOLOGICALLY DEGRADABLE POLYMERIC COMPOSITION WITH HIGH DEFORMABILITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08L67/04 :PP 262011 :11/04/2011 :Slovakia :PCT/SK2012/000004 :11/04/2012 :WO 2012/141660 :NA :NA :NA :NA	 (71)Name of Applicant : AššTAV POLYMÉROV SAV Address of Applicant :DðbravskÃ; cesta 9 842 36 Bratislava Slovakia (72)Name of Inventor : ALEXY Pavol CHODÃ K Ivan BAKOÅ DuÅ;an BUGAJ Peter PAVLACKOVÃ Miroslava TOMANOVÃ Katarina BENOVIC FrantiÅ;ek PLAVEC Roderik MIHALÃ K Michal BOTOÅ OVÃ Monika
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(57) Abstract :

The invention concerns a biologically degradable polymeric composition containing 5 to 95 wt % of polyhydroxyalkanoate and 95 to 5 wt % of polylactic acid or lactide with addition of 2 to 67 parts of plasticizer or mixture of plasticizers per 100 parts of the polymeric blend. The invention covers also composition containing 0.05 to 5 wt % of a reactive additive. Plasticizers are selected from chemicals such as esters of citric acid esters of glycerol esters of phosphoric acid esters of sebacic acid and other liquid organic low molecular polyesters. The reactive additive is selected from a group of chemicals such as acrylic polymers epoxidized acrylic polymers diisocyanates and their derivatives epoxidized oils oligomeric copolymers of various monomers with glycidyl methacrylate and other species.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR CREATING AND MANAGING TRUSTED HEALTH USER **COMMUNITIES**

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06Q50/00 :13/096887 :28/04/2011 :U.S.A. :PCT/US2012/034498 :20/04/2012 :WO 2012/148817 :NA :NA :NA	 (71)Name of Applicant : 1)TIATROS INC. Address of Applicant :330 Misson Bay Blvd #113 San Francisco CA 94158 UNITED STATES OF AMERICA (72)Name of Inventor : 1)HOMCHOWDHURY Joydip 2)CERRONE Kimberlie 3)BHARDWAJ Ratan
Filing Date	INA	

(57) Abstract :

Systems and methods of creating trusted communities of users and managing communications by and between said trusted users are disclosed. In one embodiment a system is depicting implementing a medical treatment plan for a set of patients wherein said communications between users such as physicians and patients are secure HIPAA compliant and sufficiently versatile to enable such communications via known networking infrastructure.

No. of Pages : 91 No. of Claims : 45

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : BIOLOGICAL DECONTAMINATION GEL AND METHOD FOR DECONTAMINATING SURFACES BY USING THIS GEL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61L2/23, A61k31/00 :10 55399 :02/07/2010 :France :PCT/EP2011/060914	 (71)Name of Applicant : 1)Commissariat LÃnergie Atomique et aux Ãnergies alternatives Address of Applicant :25 rue Leblanc BÃtiment Le Ponant D 75015 PARIS FRANCE. (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 	:29/06/2011 :WO/2012/001046 :NA :NA :NA	1)CUER FrÃdÃric 2)FAURE Sylvain

(57) Abstract :

A biological decontamination gel consisting of a colloidal solution comprising from 5 to 30% by mass preferably 5 to 25% by mass still preferably 8 to 20% by mass based on the mass of the gel of at least one inorganic viscosifying agent: 0.5 to 10 mol/L of gel preferably 1 to 10 mol/L of gel of at least one active biological decontamination agent; 0.05 to 5% by mass preferably 0.05 to 2% by mass based on the mass of the gel of at least one super absorbent polymer; 0.1 to 2% by mass based on the mass of the gel of at least one surfactant; and the remainder of solvent. A biological decontamination method applying this gel.

No. of Pages : 47 No. of Claims : 22

(22) Date of filing of Application :31/10/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : AN ADDITIVE TO IMPROVE PROCESSING CHARACTERISTICS OF POLYOLEFIN

(51) International classification	:C08K5/109, C08K5/098	(71)Name of Applicant : 1)FINE RESEARCH & DEVELOPMENT CENTRE PVT
(31) Priority Document No	:NA	LTD
(32) Priority Date	:NA	Address of Applicant : PLOT A 28, MILLENIUM BUSINESS
(33) Name of priority country	:NA	PARK, MAHAPE MIDC, NAVI MUMBAI 400701. Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. NARENDRA S AYARE
(61) Patent of Addition to Application Number	:NA	2)MR. DIGAMBAR L. CHAVAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An additive for improving the processing characteristics of polyolefin comprising metal salt(s) of fatty acyl a-hydroxy carboxylic acid, compound of formula 1, Compound of formula 1 wherein RCO is the acyl radical of a saturated fatty acid comprising 16 to 22 carbon atoms, n is the average no of a-hydroxy propanoyl groups ranging from 1 to 5 and M is metal(s).

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : COUPLING ASSEMBLY :F24F (71)Name of Applicant : **1)BLUE STAR LIMITED** 13/072, (51) International classification Address of Applicant :KASTURI BUILDINGS, MOHAN T. F24F 3/00 ADVANI CHOWK, JAMSHETJI TATA ROAD, MUMBAI - 400 020, MAHARASHTRA, INDIA. (31) Priority Document No :NA (32) Priority Date :NA (72)Name of Inventor : (33) Name of priority country **1)VIVEK GAWDE** :NA (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A coupling assembly for securing two or more panels of an air-conditioning system, wherein the assembly of the panel is tool-less. The coupling assembly comprises of a protruding member provided on at-least a first panel and at-least a hole provided on second panel, wherein the protruding member is coupled with the hole to secure the first panel and the second panel.

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

(22) Date of filing of Application :25/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : STABILIZED TOPICAL FORMULATIONS CONTAINING CORE SHELL MICROCAPSULES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61K9/50,A61K31/07,A61K31/327 :61/502725 :29/06/2011 :U.S.A. :PCT/IL2012/050223 :28/06/2012 :WO 2013/001536 :NA :NA	 (71)Name of Applicant : 1)SOL GEL TECHNOLOGIES LTD. Address of Applicant :GOLDA Meir St. 7 Weizmann Science Park 74036 Ness Ziona Israel (72)Name of Inventor : 1)TOLEDANO Ofer 2)BAR SIMANTOV Haim
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

The present disclosure relates to compositions for topical application where the compositions comprise microcapsules having a core that comprises benzoyl peroxide and a shell that comprises an inorganic polymer microcapsules having a core that comprises a retinoid and a shell that comprises an inorganic polymer and a stabilizing agent. The composition can be in a variety of forms such as emulsion and gel.

No. of Pages : 70 No. of Claims : 33

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : ELECTROLYTIC CELL FOR MANUFACTURING CHLORINE AND SODIUM HYDROXIDE AND METHOD FOR MANUFACTURING CHLORINE AND SODIUM HYDROXIDE

(51) International classification	:C25B9/00,C25B1/16,C25B1/26	(71)Name of Applicant :
(31) Priority Document No	:2010158637	1)CHLORINE ENGINEERS CORP. LTD.
(32) Priority Date	:13/07/2010	Address of Applicant :7F Sakura Nihombashi Bldg. 13 12
(33) Name of priority country	:Japan	Nihombashi Kayaba cho 1 chome Chuo ku Tokyo 1030025 Japan
(86) International Application N	o :PCT/JP2010/067240	2)KANEKA CORPORATION
Filing Date	:01/10/2010	3)TOAGOSEI CO. LTD.
(87) International Publication No.	:WO 2012/008060	(72)Name of Inventor :
(61) Patent of Addition to	:NA	1)IDUTSU Tomonori
Application Number	:NA	2)SAIKI Koji
Filing Date	INA	3)IGUCHI Yukinori
(62) Divisional to Application	:NA	4)ASAUMI Kiyohito
Number	:NA	
Filing Date	.NA	

(57) Abstract :

In the disclosed method for manufacturing chlorine and sodium hydroxide, calcium precipitation inside an ion-exchange membrane in a two-chamber electrolytic cell provided with gas diffusion electrodes is prevented, allowing stable and economic operation. A liquid retention layer (3) that can retain 0.10-0.80 grams of H2O per cubic centimeter is provided between the ion-exchange membrane (12) and a gas diffusion electrode (16). This makes it easier for calcium ions that have moved through the ion-exchange membrane to diffuse, minimizing increases in electrolytic voltage and decreases in current efficiency due to precipitation of calcium ions inside the ion-exchange membrane.

No. of Pages : 34 No. of Claims : 7

(22) Date of filing of Application :22/05/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CHROMOBACTERIUM BIOACTIVE COMPOSITIONS AND METABOLITES

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:A01N63/02,C07K5/08,C07K7/06 :61/406569 :25/10/2010 :U.S.A. :PCT/US2011/057541 :24/10/2011 :WO 2012/061082	 1)MARRONE BIO INNOVATIONS INC. Address of Applicant :2121 Second Street Suite 107B Davis CA 95618 U.S.A. (72)Name of Inventor : ASOLKAR Ratnakar HUANG Huazhang KOIVUNEN Marja
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	4)MARRONE Pamela

(57) Abstract :

Provided are bioactive compounds and metabolites derived from Chromobacterium species culture responsible for controlling pests, compositions containing these compounds, methods for obtaining these compounds and methods of using these compounds and compositions for controlling pests.

No. of Pages : 54 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :08/11/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : GLUCAGON PREFILLED SYRINGE		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61M5/315, A61K9/08, :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : AGRAWAL Pawan Address of Applicant :F 22 Akash Tower Opp: Premchand Nagar Judges Bunglow Road Satellite Ahmedabad Gujarat India AGARWAL Zameer Name of Inventor : AGRAWAL Pawan AGARWAL Zameer

(57) Abstract :

The embodiment of the proposed invention relates to Glucagon prefilled syringe for administration of sterile and efficient drug. The present syringe having premixed Glucagon, ready to administer dosage does not require mixing them before administration and hence there are no chances of contamination unlike the conventional ways of mixing Glucagon before administration. Also, this eliminates errors due to inappropriate mixing. The present syringe is convenient to handle and store compared to the conventional syringes eliminating the risk of breakage and associated material loss.

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

(19) INDIA(22) Date of filing of Application :05/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : APPARATUS FOR MIXING ELECTROLYTE IN BATTERY

(51) International classification	H01M10/12	(71)Name of Applicant : 1)Global Battery Co. Ltd.
(31) Priority Document No	:KR 10- 2012- 0045098	Address of Applicant :GlobalBldg 708-8 Yeoksam-dong Gangnam-gu Seoul 135-919 Republic of Korea (72) Name of Inventor :
(32) Priority Date	:30/04/2012	1)Kyu Hyeong LEE
(33) Name of priority country	:Republic of Korea	2)Seung Bok PARK 3)Hyun Ryung KIM
(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 herein is an apparatus for mixing electrolyte in a battery. The electrolyte mixing apparatus mixes low-specific-gravity electrolyte with high-specific-gravity electrolyte using inertial force generated when a vehicle starts to move and stops thus preventing the electrolyte in the battery from being formed in low- and high-specific-gravity layers according to specific gravity.

No. of Pages : 36 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :07/01/2013

(54) Title of the invention : INTELLIGENT INFORMATION SYSTEM FOR VEHICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06F13/00, G06F17/30, B60R16/02 :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : DAMANI ANAND Address of Applicant :6 PALMYRA, 21ST ROAD, BANDRA, MUMBAI - 400050, MAHARASHTRA, INDIA. 2)TEKCHANDANEY MAYUR (72)Name of Inventor : DAMANI ANAND TEKCHANDANEY MAYUR
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA :NA	

(57) Abstract :

An information system for a vehicle having a honking device is disclosed. The information system intimates the driver of the vehicle that honking is a socially inappropriate behaviour and makes him/her deliberate about the necessity of the honking. The system includes a control unit, a repository and at least one indicator. The control unit cooperates with the honking device in order to receive input signals and process the input signal by comparing the input signal with a predetermined threshold to obtain processed data. The repository cooperates with the control unit for storing the processed data. The indicator co-operates with the repository and the control unit for selectively indicating the processed data.

No. of Pages : 17 No. of Claims : 16

(22) Date of filing of Application :23/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : GUIDANCE METHOD AND SYSTEM USING DERIVATIVE CONTROL (51) International classification :G05B13/02,G05B13/04 (71)Name of Applicant : (31) Priority Document No 1)UNIVERSIDAD NACIONAL DE EDUCACION A :P201131113 (32) Priority Date :30/06/2011 DISTANCIA (33) Name of priority country :Spain Address of Applicant :Bravo Murillo 38 8º Bravo Murillo 38 E (86) International Application No :PCT/ES2012/070314 28015 Madrid Spain Filing Date :04/05/2012 (72)Name of Inventor : (87) International Publication No :WO 2013/001119 1)VIUDEZ MOREIRAS Daniel (61) Patent of Addition to Application 2)NEVADO REVIRIEGO Antonio :NA Number **3)MARTIN SANCHEZ Juan Manuel** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Guidance method and system applied to the control of monovariable or multivariable process variables with parameters that are known or unknown and variable with time. The guidance system of the present invention generates a desired trajectory for a process output variable and on the basis of said desired trajectory calculates a reference for the derived variable of said process output variable. Said reference is then applied to a model based advanced controller based on a model of said derived variable and the control action generated by said model based advanced controller is applied to the process and guides the evolution thereof such that said process output variable converges towards said desired trajectory.

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

(19) INDIA

(22) Date of filing of Application :13/12/2012

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F04C21/00, F01C9/00 :1100018-9 :10/01/2011 :Sweden :PCT/SE2011/000249 :28/12/2011 :WO/2012/096597 :NA :NA :NA :NA	 (71)Name of Applicant : MANOMEKA AB Address of Applicant :PO BOX 19, SE-239 21 SKANOR, Sweden (72)Name of Inventor : OHLSEN Niels Lennart
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(54) Title of the invention : COMPRESSOR WITH LOW FRICTION SEALING

(57) Abstract :

The invention relates to a compressor comprising a rotatable portion where the active volume is divided by transverse wings (4a-b) and a rotatable ring element (2) with its normal at an angle to the rotation axis of the transverse wings. In any of their embodiments the sealing wings are attached to sealing holder taps (16bd1-2, 16ac1-2) that pass through driving slits (11a1 -2, 11b1-2). The driving slits extend essentially parallel to the rotation axis of the transverse wings. Steering and driving the sealing wings in this fashion using the driving slits, aligns the sealing wings against the transverse wings, restricting wear of the sealing wings and decreasing friction. In one embodiment the sealing holder taps are provided with sliders (17, 17a1-2, 17b1-2, 17c1-2), guiding and further reducing wear of the sealing wings and decreasing friction, by means of guides (22a-d). The invention further relates to such a compressor with the means (7, 18, 19) for arranging the ring element with its normal at a changeable angle to the main rotation axis thereby changing the compression ratio.

No. of Pages : 27 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :09/11/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : HYSTERETIC CONTROLLED DC-DC BUCK CONVERTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:G05F1/613 :NA :NA :NA :NA :NA :NA : NA	 (71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY Address of Applicant :INDIAN INSTITUTE OF TECHNOLOGY BOMBAY, POWAI MUMBAI 400076, MAHARASHTRA, INDIA. (72)Name of Inventor : 1)ANI XAVIER
 (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)ANI XAVIER 2)MARYAM SHOJAEI BAGHINI

(57) Abstract :

The proposed invention is a DC-DC buck converter designed in a lower technology 90nm mixed mode CMOS which can be integrated along with the digital processor. It uses Pulse width modulation (PWM) and pulse frequency modulation (PFM) modes of control with an internal power management unit to provide supply for the stacked transistors and the control circuits.

No. of Pages : 74 No. of Claims : 22

(19) INDIA

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

(54) Title of the invention : STABLE PHARMACEUTICAL 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 (62) Divisional to Application Number Filing Date 	:NA ·NA	 (71)Name of Applicant : 1)GLENMARK GENERICS LIMITED Address of Applicant :B/2, MAHALAXMI CHAMBERS, 22 BHULABHAI DESAI ROAD, MUMBAI-400709, Maharashtra India (72)Name of Inventor : 1)SEETHARAMAN, SRITHARAN 2)LADE, SANJAY 3)PATIL, RAJARAM 4)RANE, ASHISH 5)TAYADE, JAYANT 6)NIGHUTE, ASHOK 7)MEHTA, KAMAL
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(57) Abstract :

The present invention relates to stable pharmaceutical suspension comprising atovaquone wherein agglomerations of atovaquone particles have not been observed on shelf life.

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

(54) Title of the invention : A CALL & MESSAGE REMINDER SYSTEM

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

(43) Publication Date : 26/09/2014

:G08B3/10, (71)Name of Applicant : (51) International classification H04Q7/14 1)MAHINDRA TWO WHEELERS LIMITED (31) Priority Document No :NA Address of Applicant :D1 BLOCK, PLOT NO. 18/2 (PART). (32) Priority Date MIDC, CHINCHWAD, PUNE - 411 019 MAHARASHTRA, :NA (33) Name of priority country :NA INDIA. (86) International Application No :NA (72)Name of Inventor : Filing Date :NA **1)KAKAYE SUNIL** (87) International Publication No : NA 2)SUNDARAM SUDARSAN (61) Patent of Addition to Application Number :NA **3)MANEL VIJAY KUMAR** Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A call and message reminder system integrated in a users vehicle that alerts the driver/rider of the vehicle about an incoming call/message without disturbing or diverting his/her attention and without violating any existing vehicle driving rules. The system consists of a receiver module that receives calls and messages diverted by the users mobile device when the users vehicle is in motion. The user is then subjected to audio alerts, alerting him about the missed calls and missed messages. The system also detects if the vehicle is in motion, and, if the users mobile is not deactivated during that time, it alerts user about the same. An alert generation module is thus included for alerting the user in such various scenarios. Finally, a display module displays the information related to diverted calls and messages on an instrument cluster of the vehicle when the vehicle is stationary for a pre-determined time.

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

(19) INDIA

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

(54) Title of the invention : METHOD OF COATING IRON-ORE PELLETS WITH LIME-RICH DUST PARTICLES

(51) International classification:C21B13/00, C21B13/10(71)Name of Applicant : 1)ESSAR STEEL INDIA LIMITED(31) Priority Document No:NAAddress of Applicant :27KM SURAT HAZIRA ROAD, Address of Applicant :27KM SURAT HAZIRA ROAD, SURAT 394 270, GUJARAT, INDIA(32) Priority Date:NASURAT 394 270, GUJARAT, INDIA(33) Name of priority country:NA(72)Name of Inventor : 1)DR. D. G. ANNAPURNA(86) International Application No:NA1)DR. D. G. ANNAPURNAFiling Date:NA2)DR. ACHINTYA K. DAS(87) International Publication No:NA3)MR. DEEPAK GUPTA(61) Patent of Addition to Application Number:NA4)MR. JITENDRA D. MAKVANA(62) Divisional to Application Number:NA
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(57) Abstract :

The present invention relates to a method of coating iron-ore pellets in the production of iron. The method of coating iron-ore pellets comprises the steps of: (a) passing lime rich industrial waste gas through a dust collecting means, (b) accumulating lime-rich fine dust particles from said industrial waste gas in said collecting means, wherein the size of said lime-rich dust particles varies between 150 and 200 micron, (c) mixing said lime-rich fine dust particles with water in predetermined proportions to form a slurry, and (d) spraying said slurry on said iron-ore pellets to form a coating thereon. The production output of said iron is increased upto two percent when compared to the production output obtained from conventional lime coated iron-ore pellets under identical operating conditions. The dust particles contain as their constituents: calcium oxide (CaO), magnesium oxide (MgO), silicon dioxide (SiO2), ferric oxide (Fe2O3) and aluminum oxide (A12O3).

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

(19) INDIA

(22) Date of filing of Application :03/01/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF BESIFLOXACIN

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C07D401/04, A61K31/397 :NA :NA :NA	 (71)Name of Applicant : 1)INDOCO REMEDIES LIMITED Address of Applicant :INDOCO HOUSE, 166 C.S.T. ROAD, SANTACRUZ(EAST), MUMBAI - 400 098, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date (87) International Publication No	:NA : NA	1)RAJADHYAKSHA, MANGESH NARAYAN 2)NAIR, RANJEET
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)SHRIGADI, NILESH BALKRISHNA 4)PANANDIKAR, ADITI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed herein is an improved process for the preparation of 7-[(3R)-3-aminohexahydro-1H-azepin-1 -yl]-8-chloro-1 - cyclopropyl-6-fluoro-1,4-dihydro-4-oxoquinoline-3-carboxylic acid of formula -1 and its pharmaceutically acceptable salt.

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

(22) Date of filing of Application :09/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : CENTRALIZED TOLL TRACKING PAYMENT AND MONITORING SYSTEM USING GEO LOCATION ENABLED DEVICES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G06Q10/00, G06Q 20/00 :NA :NA :NA :NA	 (71)Name of Applicant : 1)Mr. Goel Sunil Address of Applicant :Plot#839 Sector 8 Gandhinagar 382007 Gujarat India (72)Name of Inventor : 1)Mr. Goel Sunil
· · · ·		5
(86) International Application No	:NA	1)Mr. Goel Sunil
Filing Date	:NA	2)Mr. Aggarwal Aditya
(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 describes the system of centralized toll identification payment and monitoring which uses geo-location enabled devices such as mobile phone pager or wireless connected laptops to do so. The invention receives the series of readings distributed over the length of the toll road by Location Based Services (LBS) provided by geo-enabled devices along with geo-location database lookup and statistical algorithms to accurately identify whether the vehicle is travelling on toll road distance travelled by the vehicle on toll road and accordingly calculate and deduct charge by online mode. Using such system person can do the payment of toll when passing through toll road area directly from his geo-location enabled devices without any intervention of any attendant and simultaneously police or toll both person can also monitor the centralized toll payment done or not by the particular person using such kind of system.

No. of Pages : 21 No. of Claims : 12

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : PORTABLE INSECT REPELLENT DEVICE :F23D14/28, (71)Name of Applicant : (51) International classification A01M 1/20 **1)RANJITH BALASUBRAMANIAM** (31) Priority Document No :NA Address of Applicant : BUNGALOW NO. 366, ROAD NO. 3. (32) Priority Date SINDH SOCIETY, AUNDH PUNE-411007, Maharashtra India :NA (33) Name of priority country 2)SHAKIL ABDUL AZIZ SHAIKH :NA (86) International Application No :NA (72)Name of Inventor : Filing Date :NA 1) RANJITH BALASUBRAMANIAM (87) International Publication No : NA 2)SHAKIL ABDUL AZIZ SHAIKH (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Disclosed is a portable insecticide repellent device. The portable insecticide device of the present invention includes a housing. The housing includes a first opening, a combustion chamber, a cylinder, an igniter, a burner, a regulator, and a vent. The combustion chamber includes a double sleeved tube, a perforated mesh sleeve and a second opening. The portable insecticide device of the present invention includes a suitable arrangement in the housing that works with mosquito repellent mat as well as with mosquito repellent liquid. The portable insecticide device of the present invention provides a uniform and damage free heating of a wick.

No. of Pages : 13 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :25/10/2011

(43) Publication Date : 26/09/2014

(54) Title of the invention : ARC QUENCHING MECHANISM FOR CIRCUIT BREAKERS

(51) International classification	:H01H33/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L&T HOUSE,BALLARD
(33) Name of priority country	:NA	ESTATE,MUMBAI- 400 001,MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NAVEEN AGARWAL
(87) International Publication No	:N/A	2)ASHWIN BHANU
(61) Patent of Addition to Application Number	:NA	3)NEERAJ SINHA
Filing Date	:NA	4)GANESH R SHETYE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A circuit breaker comprising a housing, a pair of contacts, and an arc quenching screw adapted in front of the housing. The arc quenching screw is a wing screw comprising of a screw head, a screw shaft, and a plurality of metallic wings arranged in a spaced-apart relationship on at-least a part of the screw shaft such that the arrangement of metallic wings draws a generated arc, and elongates the arc to quench the arc.

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

(22) Date of filing of Application :02/11/2012

(54) Title of the invention : COMPOSITE AGGREGATE ARTICLES EMBEDDED WITH INSERTS AND A PROCESS FOR PREPARING THE SAME.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (2) Distributed to Application Number 	C22C26/00 :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)PAREKH CHIRAG Address of Applicant :ASHWANILA, DEVI BHUVAN VICTORIA PARK ROAD, BHAVNAGAR-364002, GUJARAT, INDIA (72)Name of Inventor : 1)PAREKH CHIRAG
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a molded article having plurality of elements, partially projecting from at least one show face thereof, characterized in that said elements are partially embedded in the article during the molding. The article is molded from an aggregate containing a resin matrix, and additives including particulate materials. The elements used in accordance with the present disclosure are predetermined shaped materials made from materials such as steel, copper, brass, aluminum, glass, acrylic, polyester, composite stone, natural granite, artificial granite and marble.

No. of Pages : 13 No. of Claims : 6

(22) Date of filing of Application :02/11/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : NANOCOMPOSITES, METHODS OF THEIR SYNTHESIS & HUMIDITY SENSING APPLICATION THEREOF

(51) International classification	:C08K9/04,	(71)Name of Applicant : 1)CENTRE FOR MATERIALS FOR ELECTRONICS
(51) International classification	C08K5/09	TECHNOLOGY (C-MET)
(31) Priority Document No	:NA	Address of Applicant : PANCHAWATI, OFF PASHAN
(32) Priority Date	:NA	ROAD, PUNE - 411 008, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	2)SECRETARY, DEPARTMENT OF ELECTRONICS
(86) International Application No	:NA	AND INFORMATION TECHNOLOGY (DEITY)
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ADKAR DATTATRAYA
(61) Patent of Addition to Application Number	:NA	2)HAKE ABHAY
Filing Date	:NA	3)ADHYAPAK PARAG
(62) Divisional to Application Number	:NA	4)MULIK UTTAMRAO
Filing Date	:NA	5)JADKAR SANDESH
		6)AMALNERKAR DINESH

(57) Abstract :

A Polymer nanocomposite comprising nanostructured tin compound embedded in a polymer matrix are disclosed in the present disclosure. Further, a humidity sensing element and a. humidity sensing device containing said polymer nanocomposite as a humidity sensing material are also disclosed in the present disclosure.

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

(19) INDIA

(22) Date of filing of Application :27/11/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : REFRIGERATOR WORKING ON OPEN CYCLE OF LIQUEFIED COMPRESSED GAS

(51) International classification	F25B 1/00	
(31) Priority Document No	:NA	Address of Applicant :D/11, SUPER SOCIETY, NEAR ISRO
(32) Priority Date	:NA	STAFF QUARTERS, RAMDEVNAGAR, SATELLITE,
(33) Name of priority country	:NA	AHMEDABAD-380015, GUJARAT, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JAINIL S. BHATT
(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 Refrigerator Working on Open Cycle of Liquefied or Compressed Gas describes the process of generating refrigeration effect by allowing liquefied or compressed gas to flow through the evaporator. Present invention utilizes the pressure energy from the flow of pressurized fluid stored in vessels or flowing through supply pipelines. The gas passing through the evaporator is vaporized to absorb latent heat in order to produce cooling effect for the surrounding space. After passing through the evaporator, the gas can further be utilized as a fuel or working fluid for various applications. Thus, gas is not consumed during the refrigeration process in current invention. However, its pressure energy is retrieved and utilized which would have been wasted otherwise, resulting in elimination of direct requirement of electric power to run the refrigerator. Elimination of direct power supply requirement also aids in making the product portable.

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

(21) Application No.3386/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :27/11/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : BEVERAGE WITH HEART AID FUNCTIONAL INGREDIENTS AND A PROCESS OF MAKING IT

(57) Abstract :

A beverage and the process for manufacturing it form part of this invention. The beverage consists of predetermined ingredients. This ready to consume product shows increased acceptability in individuals suffering from heart ailments, due to the use of specific heart aid ingredients in the constitution of the product. The process of manufacturing the product includes the steps of purification of water, mixing of ingredients, blending, homogenization and pasteurization of the beverage at specific process conditions.

No. of Pages : 26 No. of Claims : 18

CONTINUED TO PART-2

CONTINUED FROM PART-1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10125/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : FLUORINE GREASE COMPOSITION

(51) International classification	:C10M169/02	(71)Name of Applicant :
(31) Priority Document No	:2011-270124	1)NOK KLUEBER CO. LTD.
(32) Priority Date	:09/12/2011	Address of Applicant :1 12 15 Shibadaimon Minato ku Tokyo
(33) Name of priority country	:Japan	1050012 Japan
(86) International Application No	:PCT/JP2012/076901	(72)Name of Inventor :
Filing Date	:18/10/2012	1)WAKAMATSU Hidenori
(87) International Publication No	:WO 2013/084596	
(67) International Tublication No	A1	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a highly leak resistant fluorine grease composition by which flow within a bearing is suppressed. A fluorine grease composition characterized in containing polytetrafluoroethylene as a thickener and fluorine oil as a base oil the major axis/minor axis of the polytetrafluoroethylene being 1.5 to 3.0.

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

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

(43) Publication Date : 26/09/2014

(51) International classification	:H04N7/26	(71)Name of Applicant :
(31) Priority Document No	:61/497045	1)LG ELECTRONICS INC.
(32) Priority Date	:14/06/2011	Address of Applicant :20 Yeouido dong Yeongdeungpo gu
(33) Name of priority country	:U.S.A.	Seoul 150 721 Republic of Korea
(86) International Application No	:PCT/KR2012/004692	(72)Name of Inventor :
Filing Date	:14/06/2012	1)PARK Seungwook
(87) International Publication No	:WO 2012/173403	2)KIM Jungsun
(61) Patent of Addition to Application	:NA	3)JEON Yongjoon
Number	:NA	4)PARK Joonyoung
Filing Date	.INA	5)JEON Byeongmoon
(62) Divisional to Application Number	:NA	6)LIM Jaehyun
Filing Date	:NA	
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(54) Title of the invention : METHOD FOR ENCODING AND DECODING IMAGE INFORMATION

(57) Abstract :

The present invention relates to a method for encoding and decoding image information and to an apparatus using same and the method for encoding the image information according to the present invention comprises the steps of: generating a recovery block; applying a deblocking filter to the recovery block; applying a sample adaptive offset (SAO) to the recovery block to which the deblocking filter is applied; and transmitting the image information including information on the SAO which is applied wherein in the step of transmitting information for specifying bands that cover a scope of a pixel value to which a band off set is applied is transmitted when the band offset is applied during the step of applying the SAO.

No. of Pages : 76 No. of Claims : 20

(19) INDIA

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

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B22D41/50 :11172908.3 :06/07/2011 :EPO :PCT/EP2012/062485 :27/06/2012 :WO 2013/004571 :NA :NA	 (71)Name of Applicant : 1)REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG Address of Applicant :Wienerbergstrae 11 A 1100 Vienna Austria (72)Name of Inventor : 1)NITZL Gerald 2)TANG Yong 3)STRANIMAIER Arno
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : A NOZZLE FOR GUIDING A METAL MELT

(57) Abstract :

The present invention relates to a nozzle for guiding a metal melt from a first to a second means in particular it relates to a submerged entry nozzle for guiding a stream of a metal melt (steel melt) from a metallurgical melting vessel (like a tundish) into a mould (like an ingot) both of which may also be called reservoir.

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

(19) INDIA

(22) Date of filing of Application :03/12/2012

(43) Publication Date : 26/09/2014

		1
(51) International classification	:C03C25/24,G02B6/44	(71)Name of Applicant :
(31) Priority Document No	:2010126910	1)Fujikura Ltd.
(32) Priority Date	:02/06/2010	Address of Applicant :5 1 Kiba 1 chome Kohtoh ku Tokyo
(33) Name of priority country	:Japan	1358512 Japan
(86) International Application No	:PCT/JP2011/062681	(72)Name of Inventor :
Filing Date	:02/06/2011	1)NAMAZUE Akira
(87) International Publication No	:WO 2011/152488	2)MURATA Akira
(61) Patent of Addition to Application	:NA	3)ISAJI Mizuki
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : OPTICAL FIBER CORE

(57) Abstract :

Disclosed is an optical fiber core which comprises a primary layer and a secondary layer that are laminated on a bare optical fiber. The primary layer is obtained by curing an ultraviolet curable resin composition which contains a first silane coupling agent that is incorporated into the resin skeleton and a second silane coupling agent that is not incorporated into the resin skeleton. The first silane coupling agent contains a compound that has a methoxy group and the second silane coupling agent contains a compound that has an ethoxy group.

No. of Pages : 45 No. of Claims : 9

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:F04D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Mitsubishi Electric Corporation
(32) Priority Date	:NA	Address of Applicant :7 3 Marunouchi 2 chome Chiyoda ku
(33) Name of priority country	:NA	Tokyo 1008310 Japan
(86) International Application No	:PCT/JP2011/062719	(72)Name of Inventor :
Filing Date	:02/06/2011	1)KANEKO Kenta
(87) International Publication No	:WO 2012/164726	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DYNAMO ELECTRIC MACHINE AND BEARING REPLACEMENT METHOD

(57) Abstract :

A dynamo electric machine is provided with: a stator core (3); a rotor (7) having a laminated core (4) core pressers (5 11) and cooling fans (60 70); a frame having a tube like section (9) which encapsulates the stator core (3) and the rotor (7) and also having a first bracket (1) and a second bracket (2) which extend in the direction of a rotor shaft (6) and which support the rotor shaft (6); and cartridges (29 49) removably mounted to the first bracket (1) and the second bracket (2) and rotatably supporting the rotor shaft (6). Groove like or hole like holding sections (64 74) for supporting end sections of jigs (20a 20b) for bearing mounting and removal are provided in the cooling fans (60 70) the jigs (20a 20b) being inserted in the holding sections (64 74) through the first bracket (1) and the second bracket (2).

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : SOLAR MOD	DULE	
 (54) Title of the invention : SOLAR MOD (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H01L31/042 :61/501211 :25/06/2011 :U.S.A.	 (71)Name of Applicant : 1)JOST Alfred Address of Applicant :1918 North Forest Mesa Arizona 85203 U.S.A. (72)Name of Inventor : 1)JOST Alfred
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A single lens solar module includes solar cells that convert solar radiation into electrical energy a glass slab and a single layer holographic lens formed directly on the glass slab and separated by a distance from the solar cells. The lens is adapted to selectively deflect a first light component comprising visible light and excluding non visible light and to concentrate the first component of light onto the solar cells.

No. of Pages : 21 No. of Claims : 16

(21) Application No.10168/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/12/2012

(43) Publication Date : 26/09/2014

(51) International classification	:A23G3/00,A23P1/08	(71)Name of Applicant :
(31) Priority Document No	:TO2010A000492	1)SOREMARTEC S.A.
(32) Priority Date	:10/06/2010	Address of Applicant :5 rue Joseph Netzer B 6700 Arlon
(33) Name of priority country	:Italy	Belgium
(86) International Application No	:PCT/IB2011/001304	2)FERRERO S.P.A.
Filing Date	:10/06/2011	3)FERRERO OFFENE HANDELSGESELLSCHAFT
(87) International Publication No	:WO 2011/154821	M.B.H.
(61) Patent of Addition to Application	:NA	(72)Name of Inventor :
Number		1)LIBERATORE Mauro
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
/		1

(54) Title of the invention : CONFECTIONARY CORE COATING METHOD

(57) Abstract :

A method and machine (1) for coating confectionary product cores whereby a mass of cores (2) for coating is loaded into a chamber (14) of a rotary drum (4) and coated to form a shell on each core; forming the shell including at least one step of spraying the cores with sweet syrup followed by at least one step of drying the syrup sprayed onto the cores; the drying step being performed by reducing the pressure in the chamber (14) to less than 0.2 bar and heating the sprayed cores to a maximum of 35°C using electromagnetic radiation preferably microwaves.

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

(21) Application No.10168/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:A61C8/00	(71)Name of Applicant :
(31) Priority Document No	:2011123461	1)EINTELLEX CO. LTD.
(32) Priority Date	:01/06/2011	Address of Applicant :8 14 Katamachi 2 chome Miyako jima
(33) Name of priority country	:Japan	ku Osaka shi Osaka 5340025 Japan
(86) International Application No	:PCT/JP2012/061366	(72)Name of Inventor :
Filing Date	:27/04/2012	1)ENOMOTO Mamiko
(87) International Publication No	:WO 2012/165093	2)ENOMOTO Akifumi
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DENTAL IMPLANT JIG SET THEREOF DRILLING BAR AND SET THEREOF

(57) Abstract :

The present invention provides a dental implant jig a set thereof a drilling bar and a set thereof whereby accurate drilling can be implemented in a safe easy and inexpensive manner. In the present invention the jig is provided to a drilling bar of a dental handpiece in order to guide the position and/or direction of drilling designed to form a hole for embedding an implant fixture and is integrated into a shank occupying the space between the part where the drilling bar is mounted to the handpiece at one end and the blade part at the other end to form a guide part that rotates about the axis of the shank together with the shank is concentric with the shank on the outside of the shank and has a greater diameter than the shank has.

No. of Pages : 39 No. of Claims : 6

(19) INDIA

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

(54) Title of the invention · INJECTION APPARATUS

(43) Publication Date : 26/09/2014

(54) The of the invention . INJECTION P		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		 (71)Name of Applicant : 1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI Address of Applicant :2 1 Toyoda cho Kariya shi Aichi 4488671 Japan (72)Name of Inventor :
Filing Date (87) International Publication No	:25/06/2012 :WO 2013/005597 A1	1)YAMAGUCHI Kazuyuki
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This injection apparatus which injects a molding material into a mold by operating an injection cylinder and fills the mold with the molding material is provided with a plurality of actuating mechanisms that are connected to the injection cylinder. Each actuating mechanism comprises an actuating cylinder that supplies an incompressible fluid to the injection cylinder and a drive part that drives a piston of the actuating cylinder. In a low speed step and a high speed step for injecting the molding material the piston of each actuating cylinder is driven forward and hydraulic oil is supplied to the injection cylinder. In a pressure increasing step the pistons of the actuating cylinders are driven forward and hydraulic oil is supplied to the injection cylinder. Because the injection apparatus is provided with a plurality of actuating mechanisms the speed and pressure of the injection cylinder can be increased without requiring high performance from the drive parts.

No. of Pages : 26 No. of Claims : 6

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : INJECTION A	APPARATUS	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B22D17/32 :2011150263 :06/07/2011 :Japan	(71)Name of Applicant : 1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI Address of Applicant :2 1 Toyoda cho Kariya shi Aichi 4488671 Japan (72)Name of Inventor : 1)YAMAGUCHI Kazuyuki

(57) Abstract :

This injection apparatus which injects a molding material into a mold by operating an injection cylinder and fills the mold with the molding material is provided with actuating cylinders a housing chamber and a volume changing part that is capable of changing the volume of the housing chamber. The actuating cylinders each have an action chamber and a piston that is housed inside the action chamber and supply an incompressible fluid to the injection cylinder by squeezing out the incompressible fluid inside the action chamber with the piston. The housing chamber is connected to the action chamber and holds at least some of the incompressible fluid that flows out from the action chamber due the piston being pushed out. The volume changing part expands the volume of the housing chamber at the same time the actuating cylinder starts accelerating at the latest and stops the expansion of the volume when the operating speed of the piston of the actuating cylinder has reached a desired speed.

No. of Pages : 37 No. of Claims : 6

(21) Application No.10183/CHENP/2013 A

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

(43) Publication Date : 26/09/2014

(51) International classification	:A61L31/00,A61B17/00	(71)Name of Applicant :
(31) Priority Document No	:2011140076	1)TORAY INDUSTRIES INC.
(32) Priority Date	:24/06/2011	Address of Applicant :1 1 Nihonbashi Muromachi 2 chome
(33) Name of priority country	:Japan	Chuo ku Tokyo 1038666 Japan
(86) International Application No	:PCT/JP2012/065867	(72)Name of Inventor :
Filing Date	:21/06/2012	1)INOUE Kanji
(87) International Publication No	:WO 2012/176841	2)SAKAGUCHI Hirokazu
(61) Patent of Addition to Application	:NA	3)SAKAGUCHI Yuka
Number		4)TANAHASHI Kazuhiro
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		I

(54) Title of the invention : INSTRUMENT FOR CAPTURING FREE THROMBI

(57) Abstract :

The purpose of the present invention is to provide an instrument for capturing free thrombi which can inhibit a blood coagulation reaction at a primary hemostasis stage in which platelet is involved or a coagulated thrombi formation stage in which a blood coagulation factor is involved whereby it becomes possible to secure the capture of free thrombi and to prolong the usable time of the instrument. The present invention provides: an instrument for capturing free thrombi in which a compound having an anti thrombin capability is immobilized on the surface thereof; and a method for capturing free thrombi which comprises capturing free thrombi in blood using the instrument for capturing free thrombi.

No. of Pages : 49 No. of Claims : 15

(21) Application No.10184/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 26/09/2014

(34) The of the invention . NOVEL COM	IPOSITIONS	Γ
 (51) International classification (31) Priority Document No (32) Priority Date (32) Name of priority country 	:C12N1/04 :11172132.0 :30/06/2011 :EPO	 (71)Name of Applicant : 1)CHR. HANSEN A/S Address of Applicant :Boege Alle 10 12 DK 2970 Hoersholm Denmark
 (33) Name of priority country (86) International Application No Filing Date 	:PCT/EP2012/062787 :30/06/2012	(72)Name of Inventor : 1)YDE Birgitte
(87) International Publication No(61) Patent of Addition to ApplicationNumber	:WO 2013/001089 :NA :NA	2)SVENDSEN Jakob Blenker
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : NOVEL COMPOSITIONS

(57) Abstract :

The invention relates to a dry compositions for lactic acid bacteria and in particular to a dry composition comprising from 10 to 10 cfu/g of the composition of lactic acid bacteria cells wherein the composition is characterized by that it also comprises following amounts of protective agents (all amounts of protective agents below are given relative to 1 g of lactic acid bacteria cells in the composition) : from 6 to 9 g of trehalose from 0.1 to 1 g of inulin and from 0.5 to 3 g of hydrolyzed casein and by that it does not comprise a salt of alginic acid. The composition has an improved storage stability of the cell of interest. Comparison experiments have been made between compositions with and without alginate and it has been found that there is substantially no difference between compositions with or without alginate with regard to stability. Further the invention relates to a method for preparing a dry lactic acid bacteria composition.

No. of Pages : 48 No. of Claims : 12

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : FLAME RESISTANT COMPOSITION FIBER REINFORCED POLYURETHANE BASED COMPOSITE ARTICLE COMPRISING THE FLAME RESISTANT COMPOSITION AND ITS USE

(51) International classification	:C08G18/32	(71)Name of Applicant :
(31) Priority Document No	:MI2011A001204	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:29/06/2011	Address of Applicant :2040 Dow Center Midland Michigan
(33) Name of priority country	:Italy	48674 U.S.A.
(86) International Application No	:PCT/EP2012/062220	(72)Name of Inventor :
Filing Date	:25/06/2012	1)BERTUCELLI Luigi
(87) International Publication No	:WO 2013/000860	2)DIENA Paolo
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract :

The present invention relates to a flame resistant composition a fiber reinforced polyurethane composite comprising the flame resistant composition and the use thereof. In particular the invention describes a flame resistant polyurethane composite forming composition and a combustion modified fiber reinforced polyurethane composite comprising the flame resistant polyurethane composite forming composition for applications in vehicles and for building products. The invention also describes a long fiber reinforced polyurethane composite forming recess for the preparation of the combustion modified fiber reinforced polyurethane composite. The fiber reinforced polyurethane composite of the invention show improved fire reaction behaviour measured as Limiting Oxygen Index (LOI) and a reduced smoke production.

No. of Pages : 31 No. of Claims : 35

(19) INDIA

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

(43) Publication Date : 26/09/2014

:C08L (51) International classification (71)Name of Applicant : (31) Priority Document No 1)DOW GLOBAL TECHNOLOGIES LLC :61/503335 (32) Priority Date Address of Applicant :2040 Dow Center Midland MI 48674 :30/06/2011 (33) Name of priority country U.S.A. :U.S.A. (86) International Application No :PCT/US2012/044558 (72)Name of Inventor : Filing Date :28/06/2012 1)BONEKAMP Jeffrey E. (87) International Publication No :WO 2013/003541 2)HU Yushan (61) Patent of Addition to Application **3)NICKEL Nichole E.** :NA Number 4)CHU Lih long :NA 5)NAUMOVITZ John A. Filing Date (62) Divisional to Application Number :NA 6)HOFIUS Mark G. Filing Date :NA

CRYSTALLINE BLOCK COPOLYMER COMPOSITE OR A BLOCK COPOLYMER COMPOSITE RESIN

(54) Title of the invention : MULTILAYERED POLYOLEFIN BASED FILMS HAVING A LAYER COMPRISING A

(57) Abstract :

Disclosed are multilayer film structures comprising a layer (B) that comprises a crystalline block copolymer composite (CBC) or a specified block copolymer composite (BC) comprising i) an ethylene polymer (EP) comprising at least 80 mol % polymerized ethylene; ii) an alpha olefin based crystalline polymer (CAOP) and iii) a block copolymer comprising (a) an ethylene polymer block comprising at least 80 mol % polymerized ethylene and (b) a crystalline alpha olefin block (CAOB); and a layer C that comprises a polyolefin having at least one melting peak greater than 1255C the top facial surface of layer C in adhering contact with the bottom facial surface of laver B. Such multilaver film structure preferably comprises (A) a seal laver A having a bottom facial surface in adhering contact with the top facial surface of layer B. Such films are suited for use in electronic device (ED) modules comprising an electronic device such as a PV cell. Also disclosed is a lamination process to construct a laminated PV module comprising such multilayer film structures.

No. of Pages : 59 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :16/12/2013

(54) Title of the invention : PROCESS FOR PREPARING CHIRAL DIPEPTIDYL PEPTIDASE IV INHIBITORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D :61/502,497 :29/06/2011 :U.S.A. :PCT/US2012/043924 :25/06/2012 :WO 2013/003250 A1 :NA :NA :NA :NA	 (71)Name of Applicant : 1)MERCK SHARP & DOHME CORP. Address of Applicant :126 East Lincoln Avenue Rahway NJ 07065 0907 U.S.A. 2)MERCK SHARP & DOHME LTD. (72)Name of Inventor : 1)ZACUTO Michael J. 2)DUNN Robert F. 3)MOMENT Aaron J. 4)JANEY Jacob M. 5)LIEBERMAN David 6)SHEEN Faye 7)BREMEYER Nadine 8)SCOTT Jeremy 9)KUETHE Jeffrey T. 10)TAN Lushi 11)CHEN Qinghao
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(57) Abstract :

A process for the preparation of pyrazolopyrolidines of structural formula I: and W is or P wherein in P is an amine protecting group. These compounds are useful in the synthesis of dipeptidyl peptidase IV inhibitors for the treatment of Type 2 diabetes. Also provided are useful intermediates obtained from the process.

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

(19) INDIA

(22) Date of filing of Application :16/12/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : TERMINAL PART FOR STORAGE BATTERY RESIN WINDING TERMINAL FOR STORAGE BATTERY MANUFACTURING METHOD THEREOF STORAGE BATTERY INCLUDING TERMINAL PART AND AUTOMOBILE EQUIPPED WITH STORAGE BATTERY

(57) Abstract :

The purpose of the present invention is to provide: a storage battery terminal part with which it is possible to simply and reliably fix a nut to the terminal part so that the nut does not fall; a terminal part with which it is possible to simultaneously select one or more places of an upper surface or front surface to insert a bolt into the nut even if the nut is fixed to the terminal part when an external lead line is connected to the storage battery; and a storage battery that includes such terminal parts. Provided is a storage battery terminal part that comprises: a plurality of bolt insertion holes that are drilled from different and/or the same plurality of directions; a nut insertion opening into which the nut is inserted having at least one screw hole that is cut in at least one direction coinciding with the different and/or same plurality of directions; and a cavity that communicates with the bolt insertion holes and the nut insertion opening wherein the storage battery terminal part has a fixing part that deforms the terminal part to fix the nut in a state in which the nut is inserted from the nut insertion opening into the cavity and at least one screw hole of the nut is made to communicate with at least one of the plurality of bolt insertion holes.

No. of Pages : 58 No. of Claims : 15

(22) Date of filing of Application :16/12/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : NUCLEOTIDE SEQUENCES MUTATED BY INSERTION THAT ENCODE A TRUNCATED OLEATE DESATURASE PROTEIN PROTEINS METHODS AND USES

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	 (71)Name of Applicant : 1)ADVANTA INTERNATIONAL BV Address of Applicant :Strawinskylaan 1143 Tower C 11 NL 1077 XX Amsterdam Netherlands (72)Name of Inventor : 1)LEON Alberto Javier 2)ZAMBELLI Andrs Daniel 3)REID Roberto Juan 4)MORATA Monica Mariel 5)KASPAR Marcos
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(57) Abstract :

Isolated nucleotide sequences mutated by insertion encoding a truncated sunflower oleate desaturase protein truncated protein methods procedures and uses. The isolated nucleotide sequences comprise an insertion that includes a stop codon and wherein the sequences encode a truncated sunflower oleate desaturase protein. The truncated sunflower oleate desaturase protein may be for example the sequence shown in SEQ ID No: 1 or SEQ ID No: 2.

No. of Pages : 37 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :16/12/2013

(43) Publication Date : 26/09/2014

(34) The of the invention . TEXT SUGO	ESTICINS FOR IMAGES	, ,
	CO (71 - 10)	
(51) International classification	:G06F17/30	(71)Name of Applicant :
(31) Priority Document No	:13/164692	1)GOOGLE INC.
(32) Priority Date	:20/06/2011	Address of Applicant :1600 Emphitheatre Parkway Mountai
(33) Name of priority country	:U.S.A.	View CA 94043 U.S.A.
(86) International Application No	:PCT/US2012/042226	(72)Name of Inventor :
Filing Date	:13/06/2012	1)KENNBERG Aleksandr V.
(87) International Publication No	:WO 2012/177458	2)NICOLAOU Alexander
(61) Patent of Addition to Application	•NT A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : TEXT SUGGESTIONS FOR IMAGES

(57) Abstract :

Methods systems and apparatus including computer programs encoded on a computer storage medium for receiving image data corresponding to an image processing the image data to identify one or more features within the image generating one or more keywords based on each of the one or more features transmitting the one or more keywords to a computing device for displaying a list of the one or more keywords to a user receiving text the text comprising at least one keyword of the one or more keywords that at least one keyword having been selected by the user from the list and transmitting the image and the text for display the text being associated with the image.

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

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 26/09/2014

(51) International classification	:A01F25/13	(71)Name of Applicant :
(31) Priority Document No	:61/501,318	1)BASF SE
(32) Priority Date	:27/06/2011	Address of Applicant :67056 Ludwigshafen Germany
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/062351	1)WEISER J ¹ / ₄ rgen
Filing Date	:26/06/2012	2)BIHLMEYER Daniel
	:WO 2013/000906	3)KAISER Claus
(87) International Publication No	A1	4)FABER Michael
(61) Patent of Addition to Application	. NT A	5)IZQUIERDO Agustin
Number	:NA	6)SCHAFFERT Stefan
Filing Date	:NA	7)STELLO Nils
(62) Divisional to Application Number	:NA	8)GROESCHL Torsten
Filing Date	:NA	9)SCHMIDT Udo

(54) Title of the invention : SYSTEM FOR PROTECTING STORED GOODS

(57) Abstract :

A system for protecting stored goods (50) in a storage room (1) comprises one or more storage constructions (2) formed by one or more pesticide treated nets (30 31) capable of enclosing the stored goods (50) wherein the storage construction (2) further comprises a support frame (10) means for suspending the support frame (35) means for opening and closing at least one section (13) of the storage construction (2) while the support frame (10) is in a suspended state and means for avoiding an overall structural collapse (32) if a net (30 31) gets entangled. The system is particularly useful for the storage of tobacco coffee dried fruits cocoa nuts tea cereals and spices

No. of Pages : 56 No. of Claims : 17

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

RESERVOIRS AND CAPILLARIES

(43) Publication Date : 26/09/2014

(51) International classification :B01L3/00 (71)Name of Applicant : (31) Priority Document No 1)MARK ANDY INC. :61/489466 (32) Priority Date Address of Applicant : A Corporation of the State of Missouri :24/05/2011 (33) Name of priority country 18081 Chesterfield Airport Road Chesterfield MO 63005 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/039289 (72)Name of Inventor : Filing Date :24/05/2012 **1)MANES Kevin Stone** 2)ROBINSON John (87) International Publication No :WO 2012/162469 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHODS OF AND APPARATUS FOR MAKING A FLEXIBLE COMPOSITE HAVING

(57) Abstract :

A method of manufacturing a flexible composite panel having a plurality of reservoirs connected by at least one capillary includes forming a capillary assembly by winding a flexible deformable capillary base web partially around a rotating cylinder that has a plurality of recessed features formed therein; drawing the capillary base web into the recessed features to form the capillaries in the capillary base web; filling the capillaries; and laminating a capillary barrier web over the capillary base web. A flexible reservoir assembly is formed by cutting the perimeter of the at least two reservoirs and associated catchments into a flexible reservoir web; removing the waste cut interiors of the reservoirs and the catchments from the reservoir web; securing the reservoir web to a base layer; overfilling each reservoir; and laminating the capillary assembly over the reservoir assembly driving excess filler from the reservoirs into the catchments.

No. of Pages : 53 No. of Claims : 37

(21) Application No.10072/CHENP/2013 A

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

(43) Publication Date : 26/09/2014

(51) International classification :F04D29/52 (71)Name of Applicant : (31) Priority Document No **1)ROBERT BOSCH GMBH** :61/496915 (32) Priority Date Address of Applicant : Postfach 30 02 20 D 70442 Stuttgart :14/06/2011 (33) Name of priority country :U.S.A. Germany (86) International Application No :PCT/US2012/042520 (72)Name of Inventor : 1)STEVENS William M. Filing Date :14/06/2012 (87) International Publication No :WO 2012/174283 2)CAPLAN Mark D. (61) Patent of Addition to Application 3)SHIK Yoon Shin :NA Number 4)VAN HOUTEN Robert J. :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : AIRFLOW ASSEMBLY HAVING IMPROVED ACOUSTICAL PERFORMANCE

(57) Abstract :

An airflow assembly includes a fan (212) a shroud a plurality of ribs (204) and a fan support (208). The fan (212) has a number of fan blades. The shroud includes (i) a plenum (216) defining a plenum opening (272) located adjacent to the number of fan blades and (ii) a barrel (220) extending from the plenum (216) so as to surround the plenum opening (272). The plenum (216) further defines at least one airflow opening (324) spaced apart from the plenum opening (272). Each of the plurality of ribs (204) extends inwardly from the barrel (220). The fan support (208) is attached to the plurality of ribs (204) and is configured to support the fan (212).

No. of Pages : 37 No. of Claims : 20

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : POWER TRA	NSFER UNIT	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:H01R13/24 :1150953-6 :13/10/2011 :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	:PC1/EP2012/070143 :11/10/2012 :WO 2013/053810 A1	(72)Name of Inventor :1)BAKER Nick2)STHL Jonas
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract :

The disclosure relates to a power transfer unit (100) for a sealing unit of a packaging machine comprising a support (102) intended to be attached to a sealing unit a power bar (104) comprising a contact initiation section (104A) a contact termination section (104C) and an intermediate section (104B) therebetween said power bar (104) being resiliently suspended in the support (102) and being movable along a first direction being normal to a contact surface of said intermediate section (104B). The power transfer unit (100) is characterized in that the power bar (104) is suspended in the support by means of a first leaf spring (106).

No. of Pages : 17 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C09J133/02 :NA :NA :NA :PCT/CN2011/076694 :30/06/2011 :WO 2013/000161 :NA :NA :NA :NA	 (71)Name of Applicant : 1)3M INNOVATIVE PROPERTIES COMPANY Address of Applicant :3M Center St. Paul Minnesota 55144 U.S.A. (72)Name of Inventor : 1)WAN Hongmei 2)HE Chengyi 3)DENG Yunhai
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(54) Title of the invention : ADHESIVE COMPOSITION ADHESIVE TAPE AND ADHESION STRUCTURE

(57) Abstract :

A halogen free pressure sensitive adhesive composition is provided based on the total weight of the composition comprising (A) 15 60 wt% of acrylic based polymer (B) 10 50 wt% of thermally conductive filler and (C) 20 50 wt% of halogen free flame retardant based on 100% of the total weight of the composition wherein the component (C) comprises: sub component (C1) comprising at least one organophosphorous based flame retardant; and sub component (C2) comprising at least one flame retardant selected from the group consisting of nitrogen containing compound based flame retardants graphite material based flame retardants melamine cyanurate based flame retardants metal hydroxide based flame retardants metal oxide based flame retardants metal phosphate based flame retardants of (C1) and the composition has a P content no less than 4.0 wt% based on 100 wt% of the total weight of the composition. A halogen free pressure sensitive adhesive tape and an adhesion structure are also provided.

No. of Pages : 23 No. of Claims : 24

(21) Application No.10084/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/12/2013

(43) Publication Date : 26/09/2014

(51) International classification	:B01D61/38	(71)Name of Applicant :
(31) Priority Document No	:61/494204	1)IMTEX MEMBRANES CORP.
(32) Priority Date	:07/06/2011	Address of Applicant :2596 Dunwin Drive Mississauga
(33) Name of priority country	:U.S.A.	Ontario L5L 1J5 Canada
(86) International Application No	:PCT/CA2012/000554	(72)Name of Inventor :
Filing Date	:07/06/2012	1)FENG Xianshe
(87) International Publication No	:WO 2012/167362	2)TOWE Ian Glenn
(61) Patent of Addition to Application	:NA	3)HAMZA Ali
Number		4)PEREZ Juan Carlos
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : REPLENISING LIQUID MATERIAL TO MEMBRANE

(57) Abstract :

There is provided a process for effecting separation of at least a gaseous permeate disposed operative material from a gaseous supply material that is being supplied to a gaseous supply material receiving space that is disposed in mass transfer communication with a permeate receiving space through a membrane the gaseous supply material including an operative material that defines a gaseous supply material disposed operative material and the membrane including a gel. The process includes replenishing liquid material that has become depleted from the gel.

No. of Pages : 47 No. of Claims : 77

(22) Date of filing of Application :18/12/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ANNULAR ELECTROLYTIC CELL AND ANNULAR CATHODE WITH MAGNETIC FIELD COMPENSATION

(51) International classification	:C25C3/08	(71)Name of Applicant :
(31) Priority Document No	:10 2011 078 002.5	1)SGL CARBON SE
(32) Priority Date	:22/06/2011	Address of Applicant :Shnleinstr. 8 65201 Wiesbaden
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/061431	(72)Name of Inventor :
Filing Date	:15/06/2012	1)FROMMELT Thomas
(87) International Publication No	:WO 2012/175419	2)BRUCH Christian
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		1

(57) Abstract :

The invention relates to an electrolytic cell especially for producing aluminum which comprises a cathode a liquid aluminum layer arranged on the top surface of the cathode a melt layer on top thereof and an anode on top of said melt layer the cathode having at least one opening that extends vertically through the cathode through which opening at least one current supply extends vertically and is electrically connected to the anode and/or the cathode. The electrolytic cell comprises at least one further current supply outside the opening o the cathode which current supply extends vertically at least in sections and is electrically connected to the cathode and/or the anode. The invention further relates to a cathode for an electrolytic cell.

No. of Pages : 52 No. of Claims : 22

(22) Date of filing of Application :18/12/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : APPARATUS AND METHODS TO PRESERVE CATALYST ACTIVITY IN AN EPOXIDATION PROCESS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D301/12 :11005091.1 :22/06/2011 :EPO :PCT/EP2012/002527 :13/06/2012 :WO 2012/175182 :NA :NA :NA :NA	 (71)Name of Applicant : 1)MOMENTIVE SPECIALTY CHEMICALS INC. Address of Applicant :180 East Broad Street Columbus OH 43215 U.S.A. (72)Name of Inventor : 1)KAPELLEN Mark 2)VAN DEN BERG Bart 3)MUPPA Prasad 4)HAESAKKERS Paul
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(57) Abstract :

Apparatus and methods are provided for forming and processing multiphasic systems. In one embodiment the invention provides a process for the manufacture of an epoxide including reacting an olefinically unsaturated compound with an oxidant in the presence of a buffer component and a water soluble manganese complex disposed in an aqueous phase having a first pH level in a first multiphasic system adjusting the pH of the aqueous phase to a second pH level less than the first pH level isolating at least a portion of the aqueous phase from the first multiphasic system adjusting the pH of the at least a portion of the aqueous phase to a third pH level greater than the second pH level and introducing the at least a portion of the aqueous phase into a second multiphasic system.

No. of Pages : 34 No. of Claims : 17

(21) Application No.10091/CHENP/2013 A

(22) Date of filing of Application :18/12/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CLAMPING METHOD AND CLAMPING 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 	h :F16D3/84,B23P19/04,B23P21/00 :2011153840 :12/07/2011 :Japan :PCT/JP2012/065474 :18/06/2012 :WO 2013/008585 :NA :NA :NA	 (71)Name of Applicant : 1)NTN CORPORATION Address of Applicant :3 17 Kyomachibori 1 chome Nishi ku Osaka shi Osaka 5500003 Japan (72)Name of Inventor : 1)HATANO Hiroshi 2)ISHIYAMA Nao 3)INUI Shinya 4)OGATA Yuuki
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(57) Abstract :

Proposed is a clamping method and clamping device capable of automating the mounting and securing of a boot to a constant velocity universal joint using a band. In this method a boot band (11) for securing a boot (10) mounted on a constant velocity universal joint (S) is clamped. The phase between the boot band (11) and the constant velocity universal joint (S) is matched in the circumferential direction the position of a clamp part (13) of a clamping means (12) in the axial direction is thereafter matched to the position of the boot band (11) in the boot band (11) is clamped by the clamping means (12).

No. of Pages : 85 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR DETECTION OF AMYLOID BETA OLIGOMERS IN A FLUID SAMPLE AND USES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12N :61/507332 :13/07/2011 :U.S.A. :PCT/US2012/045886 :09/07/2012 :WO 2013/009667 :NA :NA :NA :NA	 (71)Name of Applicant : 1)MERCK SHARP & DOHME CORP. Address of Applicant :126 East Lincoln Avenue Rahway New Jersey 07065 0907 U.S.A. (72)Name of Inventor : 1)SAVAGE Mary 2)SHUGHRUE Paul 3)WOLFE Abigail 4)MCCAMPBELL Alexander
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(57) Abstract :

The invention herein is directed to a selective A oligomer immunoassay capable of reliably and sensitively detecting A oligomers in a biological sample of a patient. In one embodiment the inventive assay uses a pair of anti A oligomer antibodies 19.3 and 82E1 to detect and quantify A oligomers in a cerebrospinal fluid (CSF) sample. The inventive assay can be used to differentiate Alzheimer s disease (AD) patients from non AD patients and/or to stratify AD patients according to the severity of their disease. The inventive assay can also be used as a target engagement assay that can measure bound A oligomers as a surrogate end point for the assessment of therapeutic efficacy and/or target engagement.

No. of Pages : 49 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 26/09/2014

(51) International classification	:C08G63/688,C11D3/37	(71)Name of Applicant :
(31) Priority Document No	:11170063.9	1)BASF SE
(32) Priority Date	:15/06/2011	Address of Applicant :67056 Ludwigshafen Germany
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/061291	1)HABERECHT Monika
Filing Date	:14/06/2012	2)DETERING J¼rgen
(87) International Publication No	:WO 2012/171998	3)BRUCHMANN Bernd
(61) Patent of Addition to Application	:NA	4)WITTELER Helmut
Number	:NA :NA	5)WEBER Heike
Filing Date	.INA	6)KOLTER Karl
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alexture et a		L

(54) Title of the invention : BRANCHED POLYESTERS WITH SULFONATE GROUPS

(57) Abstract :

The invention relates to branched polyesters with sulfonate groups. The polyesters can be obtained by reacting the components A B optionally C and optionally D into branched polyesters wherein the component A is selected from the group consisting of a olefinically unsaturated dicarboxylic acids the component B is selected from the group consisting of di or higher functional alcohols the optional component C is selected from the group consisting of di or higher functional carboxylic acids and hydroxy carboxylic acids without a olefinically unsaturated bonds and the optional component D is selected from the compounds of formula CH(O CH CH) OH with the proviso that if only di functional alcohols are selected as component B the component C is present during the reaction and is selected from the group of the tri or higher functional carboxylic acids and thydroxy carboxylic acids without a olefinically unsaturated bonds. The obtained branched polyesters are subsequently reacted with hydrogen sulfite the molar quantity of hydrogen sulfite being at most 95 mol% with respect to the quantity of a olefinically unsaturated dicarboxylic acids.

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

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : IMAGE PROCESSING APPARATUS IMAGE PROCESSING METHOD AND PROGRAM AND IMAGE PICKUP APPARATUS INCLUDING IMAGE PROCESSING APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04N5/367 :2011262007 :30/11/2011 :Japan :PCT/JP2012/080411 :16/11/2012 :WO 2013/080899 :NA :NA :NA	 (71)Name of Applicant : 1)CANON KABUSHIKI KAISHA Address of Applicant :30 2 Shimomaruko 3 chome Ohta ku Tokyo 1468501 Japan (72)Name of Inventor : 1)IKEDO Hideki
Filing Date	:NA	

(57) Abstract :

The image processing apparatus processes an image signal obtained from an image pickup element using an image pickup optical system arranged to obtain directional traveling information of object image light corresponding to a pupil division area of a photographing lens. The apparatus includes: a unit of setting a focal position at which the refocused image is generated; and a unit of correcting an image signal of a defect pixel of the image pickup element using an image signal of other pixel. The apparatus determines the other pixel to be used for correcting the image signal of the defect pixel on the basis of the set focal position and the directional traveling information of the object image light.

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

(21) Application No.10346/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CONNECTION TERMINAL AND METHOD FOR MANUFACTURING CONNECTION TERMINAL (51) International classification :H01R4/70 (71)Name of Applicant : (31) Priority Document No 1)YAZAKI CORPORATION :2011125196 (32) Priority Date Address of Applicant :4 28 Mita 1 chome Minato ku Tokyo :03/06/2011 (33) Name of priority country :Japan 1080073 Japan (86) International Application No :PCT/JP2012/064139 (72)Name of Inventor : 1)UNO Rvosuke Filing Date :31/05/2012 (87) International Publication No :WO 2012/165571 2)KODAMA Shinji (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A connection terminal (1) is provided with: a terminal connection part (2) to which a partner terminal is connected; a wire connection part (10) to which a wire (W) is connected; a neck part (20) that connects the terminal connection part (2) and the wire connection part (10); and a resin covering part (30) that covers a connection of the wire connection part (10) and the wire (W). The neck part (20) includes: a bottom surface wall (21); and a pair of side surface walls (22) which are arranged so as to stand upright on both sides of the bottom surface wall (21) and have parallel wall parts (22a) that are equally spaced from one another.

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

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A METHOD AND APPARATUS FOR SCREENING DRUG OFFENDERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B1 :61/503714 :01/07/2011 :U.S.A. :PCT/US2012/044760 :29/06/2012 :WO 2013/006391 :NA :NA :NA :NA	 (71)Name of Applicant : 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)GEMER Gil 2)HULTEEN John C. 3)THOMAS Cristina U. 4)RAJAGOPAL Raj
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(57) Abstract :

A self contained drug screening apparatus comprising a breath inlet component for receiving an exhaled air flow of a person the exhaled air flow including saliva and a sensor for sensing a presence of a drug in the saliva and identification module for detecting an identifying characteristic of the person.

No. of Pages : 37 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 26/09/2014

(51) International classification	:C09J	(71)Name of Applicant :
(31) Priority Document No	:1154840	1)HEXCEL REINFORCEMENTS
(32) Priority Date	:01/06/2011	Address of Applicant :Zone Industrielle De La Plaine F 01120
(33) Name of priority country	:France	Dagneux France
(86) International Application No	:PCT/EP2012/060238	(72)Name of Inventor :
Filing Date	:31/05/2012	1)BERAUD Jean Marc
(97) International Dublication No.	:WO 2012/164014	2)DUCARRE Jacques
(87) International Publication No	A1	3)THIEL Jean Beno®t
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		L

(54) Title of the invention : VEILED TAPE WITH IMPROVED RESISTANCE TO DELAMINATION

(57) Abstract :

The present invention provides a method of preparing a tape with a given width said tape being composed of an assembly of filaments extending in a direction substantially parallel to the length of the tape and between which a powder of a polymeric material is distributed each face of said tape being associated with a nonwoven of polymeric fibers the method comprising : a step consisting in depositing powder formed from a polymeric material on at least one of the faces of the tape preferably on both faces; a step consisting in heating in order to at least partially soften the deposited powder then of tightening the tape in order to adjust its width to the width desired and to cause at least a portion of the powder to penetrate into the thickness of the tape between the filaments and of cooling the tape to fix its width and provide cohesiveness because of the powder; and to tapes obtained using said method.

No. of Pages : 34 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : DF	RIVE DEVICE FOR VEHICLE	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	n:B60L15/20,B60K6/442,B60K6/52 :2011148489 :04/07/2011 :Japan :PCT/JP2012/067131 :04/07/2012 :WO 2013/005783 :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)NOGUCHI Masatoshi 2)ANDO Satoshi 3)KIKUCHI Masayuki

(57) Abstract :

A rear wheel drive device (1) is provided with an electric motor (2A) connected to a left rear wheel (LWr) an electric motor (2B) connected to a right rear wheel (RWr) and a control unit (8) for controlling the electric motors (2A 2B). The control unit (8) controls the electric motors (2A 2B) so as to satisfy among a first relationship including the sum of left rear wheel torque and right rear wheel torque or the sum of left electric motor torque and right electric motor torque or the sum of left rear wheel drive force and right rear wheel torque or the sum of left electric motor torque and the right rear wheel torque or the left rear wheel drive force and right rear wheel drive force and relationship including the difference between the left rear wheel torque and the right rear wheel torque or the difference between the left electric motor drive force and the right electric motor torque and the right electric motor drive force and the right rear wheel drive force or the difference between the left electric motor drive force and the right electric motor drive force and the right rear wheel drive force or the difference between the left electric motor drive force and the right electric motor torque or the difference between the left electric motor drive force or the difference between the left electric motor drive force and the right electric motor drive force or the difference between the left electric motor drive force and the right electric motor drive force and the right rear wheel drive force or the difference between the left electric motor drive force and the right electric motor (2A) and right electric power that is electric power generated or consumed by the electric motor (2B) the third relationship with first priority on the basis of the first relationship and/or the second relationship and the third relationship.

No. of Pages : 90 No. of Claims : 22

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 26/09/2014

(51) International classification :C08F (71)Name of Applicant : (31) Priority Document No 1)M I L.L.C. :61/498305 (32) Priority Date Address of Applicant :5950 North Course Drive Houston TX :17/06/2011 (33) Name of priority country 77072 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/042948 (72)Name of Inventor : **1)CHEW Andrew** Filing Date :18/06/2012 (87) International Publication No :WO 2012/174527 2)De STEFANO Guido (61) Patent of Addition to Application **3)YOUNG Steven** :NA Number 4)SCORSONE Jason T. :NA Filing Date **5)OFFENBACHER Matthew** (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : COMPOSITION OF POLYBUTADIENE BASED FORMULA FOR DOWNHOLE APPLICATIONS

(57) Abstract :

A method of treating a wellbore may include emplacing in at least a selected region of the wellbore a formulation that includes at least one diene pre polymer; at least one reactive diluent; at least one inert diluent comprising an oleaginous liquid or a mutual solvent; and at least one initiator; and initiating polymerization of the at least one diene pre polymer and the at least one reactive diluent to form a composite material in the selected region of the wellbore.

No. of Pages : 35 No. of Claims : 26

(21) Application No.10357/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 26/09/2014

(51) International classification	:F21V25/12	(71)Name of Applicant :
(31) Priority Document No	:10 2011 103 491.2	1)COOPER CROUSE HINDS GMBH
(32) Priority Date	:03/06/2011	Address of Applicant :Senator Schwartz Ring 26 59494 Soest
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/002394	(72)Name of Inventor :
Filing Date	:04/06/2012	1)SCHWARZ Gerhard
(87) International Publication No	:WO 2012/163552	2)NAUMANN Reiner
(87) International Fubilitation No	A1	3)BRANDEL Rudolf
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.111A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alexture et :		

(54) Title of the invention : COVERING AND LUMINAIRE HAVING SUCH A COVERING

(57) Abstract :

The invention relates to a covering (1) and a luminaire (2) having such covering. A covering in particular for an explosion proof luminaire has at least one retaining frame (3) which can be fastened in a releasable manner on the luminaire and a transparent luminaire cover (5) which is retained by the retaining frame at least along a circumferential periphery (4). In order to improve such a covering to the extent that it is safeguarded in a cost effective manner and without any great design outlay being required against the appearance of microcracks by the luminaire covering being subjected to impact a transparent protective covering (6) is positioned in front of the luminaire covering to give the covering a flameproof and impact resistant configuration. The invention likewise relates to an explosion proof luminaire having such a covering.

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

(19) INDIA

(22) Date of filing of Application :18/12/2013

(43) Publication Date : 26/09/2014

(51) International classification	:H04N7/32	(71)Name of Applicant :
(31) Priority Document No	:61/563695	1)PANASONIC CORPORATION
(32) Priority Date	:25/11/2011	Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
(33) Name of priority country	:U.S.A.	5718501 Japan
(86) International Application No	:PCT/JP2012/007473	(72)Name of Inventor :
Filing Date	:21/11/2012	1)NARROSCHKE Matthias
(87) International Publication No	:WO 2013/076978	2)WEDI Thomas
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : IMAGE PROCESSING METHOD AND IMAGE PROCESSING DEVICE

(57) Abstract :

An image processing method wherein filtering of an image block is executed using a plurality of deblocking filters having different filtering strengths comprises: a first parameter calculation step for calculating a first parameter (BS) that indicates boundary strength; a second parameter calculation step for calculating a second parameter (Tc) that indicates the limit value for the deblocking filters on the basis of the first parameter (BS) and a quantization parameter (QP); and a selection step for selecting the deblocking filter to be used for the filtering from among the plurality of deblocking filters using one or a plurality of threshold values determined on the basis of the second parameter (Tc).

No. of Pages : 127 No. of Claims : 14

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : ADAPTATIONS OF ANALYSIS OR SYNTHESIS WEIGHTING WINDOWS FOR TRANSFORM CODING OR DECODING

(51) International classification	:G10L19/02	(71)Name of Applicant :
(31) Priority Document No	:1156356	1)ORANGE
(32) Priority Date	:12/07/2011	Address of Applicant :78 rue Olivier de Serres F 75015 Paris
(33) Name of priority country	:France	France
(86) International Application No	:PCT/FR2012/051622	(72)Name of Inventor :
Filing Date	:09/07/2012	1)FAURE Julien
(87) International Publication No	:WO 2013/007943	2)PHILIPPE Pierrick
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract :

The present invention relates to a method for transform coding or decoding of a digital audio signal using analysis (h) or synthesis (h) weighting windows applied to frames of samples. The method comprises irregular sampling (E10) of an initial window provided for a transform with a given initial size N in order to apply a secondary transform with a size M other than N. The invention also relates to a device suitable for implementing the above method.

No. of Pages : 41 No. of Claims : 16

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR DIAGNOSIS OF CONTACTS OF A PHOTOVOLTAIC SYSTEM AND APPARATUS

 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:PCT/EP2011/058026 :18/05/2011	 (71)Name of Applicant : 1)SMA SOLAR TECHNOLOGY AG Address of Applicant :Sonnenallee 1 34266 Niestetal Germany (72)Name of Inventor : 1)BRABETZ Ludwig 2)HAAS Oliver 3)AYEB Mohamed 4)BETTENWORT Gerd 5)HOPF Markus 6)BIENIEK SEBASTIAN 7)PRIOR OLIVER
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method for monitoring of contacts of a photovoltaic system (1 101) has the following method steps: injection of a test signal which comprises a plurality of frequencies into the photovoltaic system (1 101); determining a generator impedance () of the photovoltaic system (1 101) by means of an evaluation of a response signal associated with the test signal; monitoring of contacts of the photovoltaic system (1 01) independently of operating states of the photovoltaic system (1 101) by modelling of an alternating current response of the photovoltaic system (1 101) on the basis of the determined generator impedance () wherein the modelling is specific to at least two different operating states of the photovoltaic system (1 101). A corresponding apparatus is likewise disclosed.

No. of Pages : 51 No. of Claims : 16

(21) Application No.10375/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07C45/43 :2011143888 :29/06/2011 :Japan :PCT/JP2012/066403 :27/06/2012 :WO 2013/002266 :NA :NA :NA	 (71)Name of Applicant : 1)SUMITOMO CHEMICAL COMPANY LIMITED Address of Applicant :27 1 Shinkawa 2 chome Chuo ku Tokyo 1048260 Japan (72)Name of Inventor : 1)HIROTA Masaji 2)TAKIMOTO Masashi 3)YAMAOKA Tomonori 4)ONOGAWA Yoshio
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(54) Title of the invention : METHOD FOR PRODUCING 2 (ARYLOXYMETHYL)BENZALDEHYDE COMPOUND

(57) Abstract :

Provided is a novel method which can produce a 2 (aryloxymethyl)benzaldehyde compound. Specifically provided is a method for producing a 2 (aryloxymethyl)benzaldehyde compound represented by formula (2) the method being characterized by comprising a step of hydrolyzing a compound represented by formula (1) in the presence of an organic acid and an organic acid salt. (In the formulae X and X independently represent a chlorine atom a bromine atom or an iodine atom; Q Q Q and Q independently represent a hydrogen atom or a halogen atom; and Ar represents a phenyl group which may have a substituent.)

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

(19) INDIA

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 26/09/2014

(32) Priority Date:24/08/2011Address of Applicant :27 1 Shinkawa 2 chome Ch(33) Name of priority country:Japan1048260 Japan(86) International Application No Filing Date:PCT/JP2012/071937(72)Name of Inventor : 1)MATSUO Noritada	(54) Title of the invention : ESTER COMPOUND AND USE THEREOF			
 (87) International Publication No (61) Patent of Addition to Application NA (61) Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number (63) Divisional to Application Number (64) NA (65) Divisional to Application Number (66) 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 	:C07D233/78 :2011182317 :24/08/2011 :Japan :PCT/JP2012/071937 :23/08/2012 :WO 2013/027864 :NA :NA :NA	 (71)Name of Applicant : 1)SUMITOMO CHEMICAL COMPANY LIMITED Address of Applicant :27 1 Shinkawa 2 chome Chuo ku Tokyo 1048260 Japan (72)Name of Inventor : 1)MATSUO Noritada 	

(57) Abstract :

An ester compound represented by formula (1): wherein Q represents N(CHC=CH) CH C(=O) or N(CHC=CH) C(CH)=N (where represents a binding position with N atom being adjacent to a carbonyl group); R represents a C1 C4 alkyl group; and a relative configuration between the substituent at the 1 position of the cyclopropane ring and the substituent at the 3 position of the cyclopropane ring is a trans configuration has an excellent pest control effect.

No. of Pages : 97 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 26/09/2014

(51) International classification	:B60T	(71)Name of Applicant :
(31) Priority Document No	:13/192927	1)ADVICS CO. LTD.
(32) Priority Date	:28/07/2011	Address of Applicant :2 1 Showa cho Kariya shi Aichi
(33) Name of priority country	:U.S.A.	4488688 Japan
(86) International Application No	:PCT/JP2012/069051	2)TOYOTA JIDOSHA KABUSHIKI KAISHA
Filing Date	:26/07/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/015389	1)NISHIO Akitaka
(61) Patent of Addition to Application	:NA	2)ASANO Kenji
Number	:NA :NA	3)KAJITA Hisashi
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		ł

(54) Title of the invention : VEHICLE SHAKING DETECTION METHOD AND VEHICLE

(57) Abstract :

The shaking of a vehicle is detected by monitoring the presence and size of a phase shift in the yaw acceleration of a moving vehicle in relation to the lateral acceleration of the moving vehicle. In addition when the vehicle is shaking the shaking of the vehicle is reduced by reducing the engine torque and/or independently applying braking pressure to each wheel.

No. of Pages : 42 No. of Claims : 13

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 26/09/2014

PAINT COMPOSITION ANTIFOULING PAINT AND ARTICLE HAVING COATING THEREOF (51) International classification :C08F230/04 (71)Name of Applicant : (31) Priority Document No 1)MITSUBISHI RAYON CO. LTD. :2011123308 (32) Priority Date Address of Applicant :1 1 Marunouchi 1 chome Chiyoda ku :01/06/2011 (33) Name of priority country Tokyo 1008253 Japan :Japan (86) International Application No :PCT/JP2012/064313 (72)Name of Inventor : Filing Date :01/06/2012 1)KANAZAWA Nobuaki (87) International Publication No :WO 2012/165628 2)IWAMOTO Akio (61) Patent of Addition to Application 3)TERADA Kouji :NA Number :NA Filing Date (62) Divisional to Application Number :NA

(54) Title of the invention : METAL CONTAINING COPOLYMER MANUFACTURING METHOD THEREFOR ANTIFOULING

Filing Date

(57) Abstract : To provide the following: an antifouling paint composition and antifouling paint that do not produce coating defects and maintain excellent antifouling performance for a long period of time even when stationary; and a metal atom containing copolymer used in said antifouling paint composition and antifouling paint. [Solution] A metal containing copolymer that has at least one structure selected from among structures represented by general formula (1) and structures represented by general formula (2). In formula (1) M represents a divalent metal R represents a C or C hydrocarbon and n represents an integer from 1 to 20. In formula (2) M represents a divalent metal R through R represent hydrocarbons and m represents 0 or 1. Also an antifouling paint composition containing the aforementioned metal containing copolymer. General formula (1): COO (R COO) M General formula (2): COO (R OCO R COO) M OCO R COO R OCO

:NA

No. of Pages : 47 No. of Claims : 8

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METAL CONTAINING POLYMERIZABLE MONOMER AND MANUFACTURING METHOD THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08F30/00 :2011123308 :01/06/2011 :Japan :PCT/JP2012/064285 :01/06/2012 :WO 2012/165618 :NA :NA :NA	 (71)Name of Applicant : 1)MITSUBISHI RAYON CO. LTD. Address of Applicant :1 1 Marunouchi 1 chome Chiyoda ku Tokyo 1008253 Japan (72)Name of Inventor : 1)KANAZAWA Nobuaki 2)IWAMOTO Akio 3)TERADA Kouji
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(57) Abstract :

To provide the following: a metal containing copolymer that is useful in the preparation of an antifouling paint composition that does not produce coating defects and maintains excellent antifouling performance for a long period of time even when stationary; and a metal containing polymerizable monomer from which said metal containing copolymer is obtained. [Solution] A metal containing polymerizable monomer represented by general formula (1) or the like. In said formula M represents a divalent metal R and R each independently represent H or CH R and R each independently represent a C or C hydrocarbon n represents an integer from 1 to 20 and p represents an integer from 0 to 20. Also a method for manufacturing said monomer by reacting an inorganic metal compound with a carboxyl group containing polymerizable monomer.

No. of Pages : 34 No. of Claims : 6

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : ARTICLES INCLUDING MULTI COMPONENT FIBERS AND PARTICLES AND METHODS OF MAKING 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 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:PCT/US2012/045492 :05/07/2012 :WO 2013/006667 :NA :NA :NA	 (71)Name of Applicant : 1)3M INNOVATIVE PROPERTIES COMPANY Address of Applicant :3M Center Post Office Box 33427 Saint Paul MN 55133 3427 U.S.A. (72)Name of Inventor : 1)CRANDALL Michael D. 2)KADOMA Ignatius A. 3)PETERSON Andrew J. 4)SVENTEK Bruce A. 5)WU Yong K.
	:NA :NA	

(57) Abstract :

An article including multi component fibers and particles is disclosed. The multi component fibers include at least a first polymeric composition are adhered together and are non fusing at a temperature of at least 110°C. At least a portion of the external surfaces of the multi component fibers includes the first polymeric composition. Particles are adhered or directly attached to the first polymeric composition on the external surfaces of at least some of the multi component fibers along their lengths. The particles include at least one of activated carbon superabsorbent polymer particles and abrasive particles. In some embodiments the particles are distributed throughout the thickness of a web of the multi component fibers. A method of making the articles is also disclosed.

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

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR ENERGIZING A CHAIN LINK CONVERTER CONTROLLER COMPUTER PROGRAMS AND COMPUTER PROGRAM PRODUCTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H02M7/483,H02M1/36,H02J3/18 :NA :NA :NA :PCT/EP2011/059648 :10/06/2011	 (71)Name of Applicant : 1)ABB TECHNOLOGY AG Address of Applicant :Affolternstrasse 44 CH 8050 Z¹/₄rich Switzerland (72)Name of Inventor : 1)HASLER Jean Philippe
(87) International Publication No	:WO 2012/167835	
(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 60 in a controller 50 for energizing a chain link converter 30 comprising one or more phase legs L1 L2 L3 each phase leg L1 L2 L3 comprising a number of series connected converter cells 31 31 ... 31 each converter cell 31 31 ... 31 comprising four valves arranged in an H bridge connection with a DC capacitor 34 34 ... 34. Each valve in turn comprises a semiconductor switch 32 32 32 32 in parallel with a diode 33 33 33 33. The method 60 comprises the steps of: charging 61 the DC capacitor 34 34 ... 34 of each converter cell 31 31 ... 31 to a voltage level at which the semiconductor switches are controllable but below their nominal voltage; diagnosing 62 the converter cells 31 31 ... 31 so as to detect failed components thereof; bypassing 63 faulty components in a controlled manner; charging 64 the DC capacitors 34 34 ... 34 to their nominal voltage. The invention also relates to a controller computer programs and computer program products.

No. of Pages : 21 No. of Claims : 12

(21) Application No.10215/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/12/2013

(43) Publication Date : 26/09/2014

(51) International classification	:C09D11/10	(71)Name of Applicant :
(31) Priority Document No	:2011140985	1)FUJIFILM Corporation
(32) Priority Date	:24/06/2011	Address of Applicant :26 30 Nishiazabu 2 chome Minato ku
(33) Name of priority country	:Japan	Tokyo 1068620 Japan
(86) International Application No	:PCT/JP2012/066093	(72)Name of Inventor :
Filing Date	:18/06/2012	1)SHIMOHARA Norihide
(87) International Publication No	:WO 2012/176915	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : INK COMPOSITION IMAGE FORMING METHOD AND PRINTED MATERIAL

(57) Abstract :

An ink composition with excellent solvent resistance of the recorded image and fixability to a recording medium which may be applicable to an ink jet recording method and an image forming method using the ink composition are provided. An ink composition which includes a dispersion medium including (a) water and particles of (b) a polymer compound and (b) the polymer compound includes a repeating unit having a partial structure represented by the following General Formula (1) is provided. In the following General Formula (1) R and R each independently represent an alkyl group having the number of carbon atoms 1 to 4 and R and Rmay be bonded to each other to form an alicyclic structure with 4 to 6 membered ring and represents a bonding site to a main chain or a side chain in the polymer compound.

No. of Pages : 51 No. of Claims : 20

(22) Date of filing of Application :23/12/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : VIDEO IMAGE ENCODING METHOD VIDEO IMAGE ENCODING DEVICE VIDEO IMAGE DECODING METHOD AND VIDEO IMAGE DECODING 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 	:H04N7/32 :61/655092 :04/06/2012 :U.S.A. :PCT/JP2013/003141 :17/05/2013 :WO 2013/183232 :NA :NA	 (71)Name of Applicant : 1)PANASONIC CORPORATION Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka 5718501 Japan (72)Name of Inventor : 1)TERADA Kengo 2)SHIBAHARA Youji 3)TANIKAWA Kyoko 4)SASAI Hisao 5)SUGIO Toshivasu
Filing Date		5)SUGIO Toshiyasu
(62) Divisional to Application Number Filing Date	:NA :NA	6)MATSUNOBU Toru

(57) Abstract :

In a method of video image encoding wherein input images are encoded the values of a first parameter that identifies the type of sample offset processing that is applied in the reconstructed image corresponding to an input image are converted to a first binary signal (S301) and at least part of this first binary signal is encoded (S302) by bypass arithmetic encoding in which fixed probability is employed.

No. of Pages : 111 No. of Claims : 15

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR COATING A CATALYSED PARTICULATE FILTER AND A PARTICULATE FILTER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	1 :B01J35/04,B01J37/02,F01N3/035 :PA 2011 00535 :13/07/2011 :Denmark	 (71)Name of Applicant : 1)HALDOR TOPS E A/S Address of Applicant :Nym,llevej 55 DK 2800 Kgs. Lyngby Denmark
(86) International Application No Filing Date	:PCT/EP2012/061331 :14/06/2012	(72)Name of Inventor : 1)GABRIELSSON Pr L. 2)JOHANSEN Keld
(87) International Publication No	:WO 2013/007468	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Method for the preparation of a wall flow particulate filter catalysed at its inlet side with a first catalyst having activity in the removal of residual hydrocarbons and carbon monoxide and catalysing at rich burn engine operation conditions the reaction of nitrogen oxides with hydrogen and/or carbon monoxide to ammonia and catalysed at its outlet side with a second catalyst having activity in the selective reduction of NOx by reaction with ammonia being formed in the inlet side. The method involves the provision of a first catalyst having a particle size larger than the filter wall mean pore size and a second catalyst having a particle size smaller than the filter wall mean pore size and mixing the first and second catalyst into one suspension which is used for washcoating from the inlet end. The second catalyst thereby diffuses into the partition wall.

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

(19) INDIA

(22) Date of filing of Application :16/12/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A CURABLE JETTABLE FLUID FOR MAKING A FLEXOGRAPHIC PRINTING MASTER (51) International classification :C09D (71)Name of Applicant : (31) Priority Document No 1)AGFA GRAPHICS NV :11170635.4 (32) Priority Date Address of Applicant : IP Department 3622 Septestraat 27 B :21/06/2011 (33) Name of priority country 2640 Mortsel Belgium :EPO (86) International Application No :PCT/EP2012/061570 (72)Name of Inventor : 1)DAEMS Eddie Filing Date :18/06/2012 (87) International Publication No :WO 2012/175445 2)VANMAELE Luc (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to a curable jettable fluid for making a flexographic printing master characterized in that the jettable fluid comprises a monofunctional (meth) acrylate monomer a polyalkylene glycol di (meth) acrylate monomer of which the polyalkylene glycol chain has a MW of at least 300 and at least 1 wt.% of a difunctional (meth) acrylate monomer according to Formula I) or (II) wherein k and m in Formula (I) is an integer ranging from 0 to 5 l in Formula (I) is an integer ranging from 1 to 20 n in Formula (II) is 1 2 3 or 4 R in Formula (I) and (II) is H or CH3 and R in Formula (II) is H or an alkyl group.

No. of Pages : 38 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :16/12/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : LATCHING E	DEVICE FOR VEHICLE	S
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:E05B65/32 :2011135679 :17/06/2011 :Japan :PCT/JP2012/064895 :11/06/2012	 (71)Name of Applicant : 1)TS TECH CO. LTD. Address of Applicant :7 27 Sakaecho 3 chome Asaka shi Saitama 3510012 Japan (72)Name of Inventor : 1)SAYAMA Tatsuo
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2012/173084 :NA :NA :NA :NA	2)KIZAWA Yutaka

(57) Abstract :

A latching device (1) for vehicles capable of engaging with and disengaging from a rod-like portion (P1) to lock and unlock the latching device (1) includes: a casing (2) at least partly formed by a first member made of a first material and having an insertion groove (2A) for allowing the rod-like portion to be inserted thereinto; and a second member (latch (30) or reinforcement plate (20)) made of a second material and configured to contact the rod-like portion (PI). The second material has a higher specific gravity and a higher modulus of elasticity than the first material. For example, the first material is resin, whereas the second material is metal.

No. of Pages : 55 No. of Claims : 19

(21) Application No.10035/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013

(54) Title of the invention : ASSET ASSESSMENT SYSTEM AND METHOD

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G08G1/0962 :13/164500 :20/06/2011 :U.S.A. :PCT/US2012/043136 :19/06/2012 :WO 2012/177631 :NA :NA	 (71)Name of Applicant : 1)3M INNOVATIVE PROPERTIES COMPANY Address of Applicant :3M Center Post Office Box 33427 Saint Paul MN 55133 3427 U.S.A. (72)Name of Inventor : 1)DAHLIN Thomas J.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

An asset assessment system that gathers information about a plurality of assets located at various geographical locations.

No. of Pages : 29 No. of Claims : 35

(21) Application No.10037/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013

(43) Publication Date : 26/09/2014

(51) International classification :C08G18/10 (71)Name of Applicant : (31) Priority Document No :61/499986 1)DOW GLOBAL TECHNOLOGIES LLC (32) Priority Date Address of Applicant :2040 Dow Center Midland MI 48674 :22/06/2011 (33) Name of priority country :U.S.A. U.S.A. (86) International Application No :PCT/US2012/039785 (72)Name of Inventor : Filing Date :28/05/2012 1)BUCKLEY Benjamin J. (87) International Publication No :WO 2012/177361 **2)JURIS Christoph** (61) Patent of Addition to Application 3)DAVIES Andrew M. :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : POLYURETHANE FOAM ELASTOMERS FOR HIGH TEMPERATURE APPLICATIONS

(57) Abstract :

Molded elastomeric polyurethane foams suitable for use as gasketing and sealing devices for use in hot environments are disclosed. The foams are the reaction product of an aromatic polyisocyanate with an isocyanate reactive composition that includes one or more polyether polyols certain diol chain extenders and certain low equivalent weight hydroxyl containing crosslinkers. The molded foams exhibit low compression sets after being compressed and aged at elevated temperatures.

No. of Pages : 18 No. of Claims : 24

(21) Application No.10039/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : STEEL PISTON WITH COOLING GALLERY AND METHOD OF CONSTRUCTION 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 	:F02F3/22 :13/112772 :20/05/2011 :U.S.A. :PCT/US2012/030790 :28/03/2012 :WO 2012/161863	 (71)Name of Applicant : 1)FEDERAL MOGUL CORPORATION Address of Applicant :26555 Northwestern Highway Southfield MI 48033 U.S.A. (72)Name of Inventor : 1)MUSCAS Florin
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A piston and method of construction is provided. The piston includes a top part fixed to a bottom part. The top part has an uppermost surface with annular inner and outer upper joining surfaces depending therefrom. The bottom part has a pair of pin bosses with pin bores aligned with one another along a pin bore axis; a pair of upwardly extending annular inner and outer lower joining surfaces and a combustion bowl wall. Inner and outer weld joints fix the inner and outer upper and lower joining surfaces to one another. An annular cooling gallery is formed laterally between the upper and lower joining surfaces. The inner weld joint joining the top part to the bottom part is located within the combustion bowl wall and configured to minimized the compression height of the piston.

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

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING TAILORED SHEET METAL STRIPS

(51) Internationalclassification(31) Priority Document No	:B21D13/04,B23K26/08,B23K26/26 :10 2011 051 728 6	 (71)Name of Applicant : 1)WISCO LASERTECHNIK GMBH Address of Applicant :Metzgerstrasse 36 88212 Ravensburg
(32) Priority Date	:11/07/2011	Germany
(33) Name of priority country	y:Germany	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2012/062466 :27/06/2012	1)ALBER Gerhard 2)RETZBACH Martin
(87) International Publication No	¹ :WO 2013/007522	
(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 producing tailored sheet metal strips (12) in which at least one sheet metal strip (1) with a substantially planar surface is connected along its longitudinal edge and in a bonded manner to at least one further web shaped semi finished product (2) consisting of metal said at least one further web shaped semi finished product (2) differing from the at least one sheet metal strip (1) by virtue of at least one of its properties and the at least one sheet metal strip (1) and said at least one further web shaped semi finished product (2) being fed continuously to at least one assembly station (10). The invention is characterised in that a web shaped semi finished product (2) with a three dimensional structure (2.1) a hollow profile and/or a plurality of recesses (2.2) and/or holes (2.3 2.4) positioned consecutively along the longitudinal edge thereof is used as said at least one further web shaped semi finished product (2) that is fed to the assembly station (10). A device for carrying out this method is also claimed.

No. of Pages : 30 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :31/12/2013

(54) Title of the invention : ESTER COMPOUND AND USE THEREOF

(43) Publication Date : 26/09/2014

()		
(51) International classification	:A01N53/00	(71)Name of Applicant :
(31) Priority Document No	:2011182318	1)SUMITOMO CHEMICAL COMPANY LIMITED
(32) Priority Date	:24/08/2011	Address of Applicant :27 1 Shinkawa 2 chome Chuo ku Tokyo
(33) Name of priority country	:Japan	1048260 Japan
(86) International Application No	:PCT/JP2012/071938	(72)Name of Inventor :
Filing Date	:23/08/2012	1)MATSUO Noritada
(87) International Publication No	:WO 2013/027865	2)MORI Tatsuya
(61) Patent of Addition to Application	:NA	3)UEKAWA Toru
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

An ester compound represented by formula (1): wherein R represents hydrogen atom halogen atom methyl group methoxy group or methoxymethyl group; R represents a C1 C3 alkyl group; and a relative configuration between the substituent at the 1 position of the cyclopropane ring and the substituent at the 3 position of the cyclopropane ring is a trans configuration has an excellent pest control effect.

No. of Pages : 98 No. of Claims : 19

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : INTERLOCKING ACETABULAR FIXATION SCREWS AND THEIR COMBINATION WITH A **REVERSE HIP ACETABULAR CUP**

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61B :61/574984 :13/08/2011 :U.S.A. :PCT/US2012/047518 :20/07/2012 :WO 2013/025308 :NA :NA	 (71)Name of Applicant : 1)HIP INNOVATION TECHNOLOGY LLC Address of Applicant :95 Main Street West Orange NJ 07052 U.S.A. (72)Name of Inventor : 1)TERMANINI Zafer
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

Interlocking acetabular fixation screws having a threaded shaft for threading into cancellous bone and a tapered threaded head for threading into tapered threaded screw holes in a reverse hip acetabular cup. The reverse hip acetabular cup has a central stem and the threaded screw holes are drilled at an angle that allows drilling of the bone of the acetabular cavity placement of the screws and tightening of the screws without touching the central stem and without interference from the central stem.

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

(19) INDIA

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 26/09/2014

:H04R1/32	(71)Name of Applicant :
:11169294.3	1)KONINKLIJKE PHILIPS N.V.
:09/06/2011	Address of Applicant : High Tech Campus 5 NL 5656 AE
:EPO	Eindhoven Netherlands
:PCT/IB2012/052800	(72)Name of Inventor :
:04/06/2012	1)BERGERE Julien Laurent
:WO 2012/168849	
•NTA	
INA	
:NA	
:NA	
	:11169294.3 :09/06/2011 :EPO :PCT/IB2012/052800 :04/06/2012 :WO 2012/168849 :NA :NA :NA

(54) Title of the invention : AN AUDIO SPEAKER ARRANGEMENT

(57) Abstract :

In a speaker arrangement a first sound transducer (101) reproduces sound in a lower frequency range and has a first on axis direction (109). A second sound transducer (103) reproduces sound in the lower frequency range and has a second on axis direction (111). A third sound transducer (103) reproduces sound in a higher frequency range and has a third on axis direction (113). The third sound transducer (105) is positioned between the first sound transducer (101) and the second sound transducer (103). Furthermore a first angle between the first on axis direction (109) and the second on axis direction (111) is between 20° and 120°; and a second angle between the first on axis direction (109) and the third on axis direction (111) is less than the first angle. The arrangement may render sound with a wide sound stage and may provide a good approximation to a point source.

No. of Pages : 36 No. of Claims : 15

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : CONTENT REPRODUCTION DEVICE CONTENT REPRODUCTION METHOD AND CONTENT **REPRODUCTION PROGRAM**

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F17/30 :2011132640 :14/06/2011 :Japan :PCT/JP2012/065238 :14/06/2012 :WO 2012/173186 :NA :NA :NA :NA	 (71)Name of Applicant : 1)Sharp Kabushiki Kaisha Address of Applicant :22 22 Nagaike cho Abeno ku Osaka shi Osaka 5458522 Japan (72)Name of Inventor : 1)ABE Toshiyuki 2)SHIMADA Masayuki 3)KURIMOTO Yusuke
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(57) Abstract :

Provided are a content reproduction device content reproduction method and content reproduction program which can easily grasp the progress state of reading for each defined range within one item of content. The content reproduction device makes it possible to reproduce content from midway through the content the content reproduction device being provided with: a reproduction progress determination unit (108) which when a predetermined condition is satisfied specifies a reproduction position within the entirety of content that is separated into a plurality of ranges said reproduction position being specified as a mark position; a table management unit (106) for managing a table in which the specified mark position and the range that includes the reproduction position from among the defined ranges are associated; and a content reproduction unit (102) for reproducing content from the reproduction position corresponding to the table when reproduction from the mark position is instructed. It is therefore possible to reproduce content in accordance with the progress state of reading in the range in question for each defined range within one item of content.

No. of Pages : 80 No. of Claims : 14

(19) INDIA

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

(54) Title of the invention · IMPROVED NITRILE HYDRATASE

(43) Publication Date : 26/09/2014

(54) The of the invention . Invit KOVED I		
(51) International classification	:C12N15/09	(71)Name of Applicant :
(31) Priority Document No	:2011127466	1)Mitsubishi Rayon Co. Ltd.
(32) Priority Date	:07/06/2011	Address of Applicant :1 1 Marunouchi 1 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008253 Japan
(86) International Application No	:PCT/JP2012/003745	(72)Name of Inventor :
Filing Date	:07/06/2012	1)WATANABE Fumiaki
(87) International Publication No	:WO 2012/169203	2)HARA Ai
(61) Patent of Addition to Application	:NA	3)AMBO Takanori
Number	:NA :NA	4)KITAHARA Aya
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is an improved nitrile hydratase with improved catalytic activity. Also provided are DNA for coding the improved nitrile hydratase a recombinant vector that contains the DNA a transformant that contains the recombinant vector nitrile hydratase acquired from a culture of the transformant and a method for producing the nitrile hydratase. Also provided is a method for producing an amide compound that uses the culture or a processed product of the culture. The improved nitrile hydratase contains an amino acid sequence represented by SEQ ID NO: 50 (GXXXXDXXR) in a beta subunit and is characterized in that X is an amino acid selected from a group comprising cysteine aspartic acid glutamic acid histidine isoleucine lysine methionine asparagine proline glutamine serine and threonine.

No. of Pages : 147 No. of Claims : 23

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : TRANSITIONING BETWEEN AN EDITING VIEW AND A BACKSTAGE VIEW OF AN ELECTRONIC DOCUMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:04/06/2012 :WO 2012/173806 :NA :NA :NA	 (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)KAUFTHAL Jonathan S. 2)EDWARDS Christopher D. 3)PEARSON Mark E.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Transitioning between an editing view and a backstage view of an electronic document may be provided. A user interface may be displayed on a computer which includes an editing view of the electronic document. The computer may then receive an input in the editing view for transitioning from the editing view to the backstage view of the electronic document. The backstage view may include meta information associated with data displayed in the editing view. A transition may then be performed from the editing view to the backstage view of the electronic document. The backstage view including the meta information may then be displayed in the user interface.

No. of Pages : 22 No. of Claims : 8

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : COMPOSITION FOR METAL ELECTROPLATING COMPRISING AN ADDITIVE FOR BOTTOM UP FILLING OF THOUGH SILICON VIAS AND INTERCONNECT FEATURES

(31) Priority Document No:61/4919351)BASF(32) Priority Date:01/06/2011Addres(33) Name of priority country:U.S.A.(72)Name(86) International Application No:PCT/IB2012/0527271)R-GEFiling Date:31/05/20122)ARNO(87) International Publication No:WO 2012/1645093)FLGE(61) Patent of Addition to Application:NA5)RAET	e of Applicant : F SE ess of Applicant :67056 Ludwigshafen Germany e of Inventor : ER G-PFERT Cornelia OLD Marco EL Alexander VET Charlotte THER Roman Benedikt (ER Dieter
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(57) Abstract :

A composition comprising a source of metal ions and at least one polyaminoamide said polyaminoamide comprising amide and amine functional groups in the polymeric backbone and aromatic moieties attached to or located within said polymeric backbone.

No. of Pages : 39 No. of Claims : 21

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESS FOR PREPARING POROUS METAL ORGANIC FRAMEWORK COMPOSED OF ZINC METHYLIMIDAZOLATE

(51) International classification	:C07D233/58	(71)Name of Applicant :
(31) Priority Document No	:11 172 802.8	1)BASF SE
(32) Priority Date	:06/07/2011	Address of Applicant :67056 Ludwigshafen Germany
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/IB2012/053368	1)TRUKHAN Natalia
Filing Date	:03/07/2012	2)MLLER Ulrich
(87) International Publication No	:WO 2013/005160	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		l

(57) Abstract :

Disclosed is a process for preparing a porous metal organic framework comprising at least one at least bidentate organic compound coordinated to at least one metal ion where the at least one metal ion is a zinc ion and the at least one at least bidentate organic compound is based on 2 methylimidazole which comprises the steps (a) addition of a first water based solution comprising zinc ions to a second water based solution comprising 2 methylimidazole with a suspension being formed after addition of the second solution; (b) addition of a third solution comprising a strong base to the suspension formed in step (a).

No. of Pages : 19 No. of Claims : 17

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : ARTICLE INCLUDING MULTI COMPONENT FIBERS AND HOLLOW CERAMIC MICROSPHERES AND METHODS OF MAKING AND USING THE SAME

(51) International classification	:E04B1/74,D01F8/04,C08K3/40	(71)Name of Applicant :
(31) Priority Document No	:61/505142	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:07/07/2011	Address of Applicant :3M Center Post Office Box 33427 Saint
(33) Name of priority country	:U.S.A.	Paul Minnesota 55133 3427 U.S.A.
(86) International Application No	:PCT/US2012/045491	(72)Name of Inventor :
Filing Date	:05/07/2012	1)CRANDALL Michael D.
(87) International Publication No	:WO 2013/006666	2)KADOMA Ignatius A.
(61) Patent of Addition to	:NA	3)PETERSON Andrew J.
Application Number	:NA :NA	4)WU Yong K.
Filing Date	.INA	
(62) Divisional to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	

(57) Abstract :

An article comprising hollow ceramic microspheres and multi component fibers is disclosed. The multi component fibers are adhered together and the hollow ceramic microspheres are adhered to external surfaces of the multi component fibers. A method of making the article and use of the article for insulation are also disclosed.

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

(19) INDIA

(22) Date of filing of Application :20/03/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : SPEED REDUCER USED FOR WIND POWER GENERATION FACILITY

(57) Abstract :

A speed reducer used for a wind power generation facility includes a two-stage reduction mechanism of at least a front stage reduction mechanism and a rear stage reduction mechanism; a coupling that is arranged between the front stage reduction mechanism and the rear stage reduction mechanism and has a torque limiter mechanism which does not transfer a torque exceeding a predetermined value; and an oil seal that partitions and seals a space where the front stage reduction mechanism is accommodated and a space where the coupling is accommodated. The front stage reduction mechanism is separable from the coupling in a sealed state by the oil seal. Most Illustrative Drawing:

No. of Pages : 31 No. of Claims : 3

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : NETWORK QUALITY	Y AS A SERVIC	
(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:13/738,006	1)LIVEQOS INC.
(32) Priority Date	:10/01/2013	Address of Applicant :535 LEGGET DRIVE, SUITE 500,
(33) Name of priority country	:U.S.A.	OTTAWA, ONTARIO K2K 3B8 Canada
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)WILLIAMS, MATTHEW R.
(87) International Publication No	: NA	2)VEMULAPALI, MOHAN K.
(61) Patent of Addition to Application Number	:NA	3)HORNE, MARTIN W.
Filing Date	:NA	4)MCMILLAN, JAMES R.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system is provided for improving the performance of an access network for coupling user devices to an application server. The system includes a user device coupled to an intermediate server via the access network. The user device has a processor adapted to encode data using a network performance enhancing coding (NPEC), and to transmit the encoded data via the access network to the intermediate server. The intermediate server is adapted to receive the encoded data and has a processor adapted to decode the encoded data using the NPEC, and to transmit the decoded data to the application server.

No. of Pages : 53 No. of Claims : 14

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR USING A PULSE FLOW CIRCULATION FOR ALGAE CULTIVATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Eiling Date 	:24/07/2012 :WO 2013/016322 :NA :NA :NA	 (71)Name of Applicant : 1)GENERAL ATOMICS Address of Applicant :3550 General Atomics Court San Diego California 92121 1194 U.S.A. (72)Name of Inventor : 1)HAZLEBECK David A. 2)ZHANG Jiping 3)WU Xiaoxi
Filing Date	:NA	

(57) Abstract :

A system and method for using a pulse flow to circulate algae in an algae cultivation apparatus are provided. In order to counteract the negative effects of biofouling on algae cultivation equipment a pulse flow is created to periodically move through an algae cultivation apparatus. The pulse flow will dislodge algae cells adhering to various surfaces of the apparatus and it will also create turbulence to stir up any algae cells which may have settled onto the bottom of the apparatus. To produce an increased fluid flow rate required to create an effective pulse flow a sump which is periodically filled with drawn algal culture from the apparatus is located at an elevated position above the apparatus. When released the algal culture travels through a transfer pipe and into the apparatus with gravity causing the algal culture to flow at a very high rate.

No. of Pages : 18 No. of Claims : 20

(21) Application No.133/CHENP/2014 A

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:H04N7/32	(71)Name of Applicant :
(31) Priority Document No	:61/502104	1)MEDIATEK SINGAPORE PTE. LTD.
(32) Priority Date	:28/06/2011	Address of Applicant :No.1 Fusionopolis Walk #03 01 Solaris
(33) Name of priority country	:U.S.A.	Singapore Singapore
(86) International Application No	:PCT/CN2012/074267	(72)Name of Inventor :
Filing Date	:18/04/2012	1)GUO Mei
(87) International Publication No	:WO 2013/000324	2)GUO Xun
(61) Patent of Addition to Application	:NA	3)LEI Shaw Min
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		P

(54) Title of the invention : METHOD AND APPARATUS OF INTRA MODE CODING

(57) Abstract :

Method and apparatus for intra prediction mode coding and decoding are disclosed. In one embodiment the encoding and decoding process assigns individual indices and codewords to DC mode and Planar mode respectively. The flag is set if the current intra prediction mode is equal to any of one or more neighboring intra prediction modes. Variable length codes are designed for a remaining mode set. If the flag is not set the currently intra prediction mode is encoded using the variable length codes. In another embodiment multiple most probable modes are used. If the current intra prediction mode is not equal to any of the multiple most probable modes according the ranking order of the remaining modes.

No. of Pages : 34 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION (21) Application No.10294/CHENP/2013 A (19) INDIA (22) Date of filing of Application :26/12/2013 (43) Publication Date : 26/09/2014 (54) Title of the invention : POSITIVE DISPLACEMENT ROTARY PUMP HAVING A POSITIVE DISPLACEMENT AUXILIARY PUMPING SYSTEM (51) International classification :F04C2/30 (71)Name of Applicant : (31) Priority Document No **1)PEOPLEFLO MANUFACTURING INC.** :61/503423 (32) Priority Date Address of Applicant :10045 Pacific Avenue Franklin Park IL :30/06/2011 (33) Name of priority country 60131 U.S.A. :U.S.A.

:PCT/US2012/043438 (72)Name of Inventor :

1)SEXTON Jason M.

:21/06/2012

:NA

:NA

:NA

:NA

:WO 2013/003172

(57) Abstract :

Number

Filing Date

Filing Date

Filing Date

Positive displacement auxiliary pumping systems for use in pump apparatus of different configurations are disclosed. The positive displacement auxiliary pumping systems are included in positive displacement rotary pumps having a casing defining a pumping cavity an inlet port connected to the pumping cavity a discharge port connected to the pumping cavity and a positive displacement auxiliary pumping port connected to the pumping cavity. Pumping elements move within the pumping cavity of the casing and define a collapsing pocket that maintains fluid communication with the positive displacement auxiliary pumping port after the collapsing pocket is no longer in fluid communication with the discharge port.

No. of Pages : 34 No. of Claims : 12

(86) International Application No

(87) International Publication No

(61) Patent of Addition to Application

(62) Divisional to Application Number

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : DRIVE SYST	ΈM	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:F16H :2011124082 :02/06/2011 :Japan	 (71)Name of Applicant : 1)HONDA MOTOR CO. LTD. Address of Applicant :1 1 Minami Aoyama 2 chome Minato ku Tokyo 1078556 Japan (72)Name of Inventor : 1)IWADARE Mitsuhiro 2)KODO Satoshi 3)KOBAYASHI Tsunehiro
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a drive system enables a reduction in the rise time of foot axis torque even if the drive system has a one way clutch. A drive system (1) is provided with a one way clutch (60) between a transmission (30) and an output shaft (71). When a coasting determination means (82) determines that coasting control is performed a control means (80) executes the coasting control by reducing or reducing to zero the engine rotation speed of an internal combustion engine (10) such that the one way clutch (60) is brought into a non transmission state and changing the transmission gear ratio of the transmission (30) to a transmission gear ratio smaller than the transmission gear ratio calculated by a calculation means (81).

No. of Pages : 54 No. of Claims : 11

(21) Application No.103/CHENP/2014 A

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PRODUCING A CARBON COATED LITHIUM SULFIDE AND USE THEREOF

(51) International classification:C01B17/22,H01M2/16,H01M4/62		(71)Name of Applicant :
(31) Priority Document No	:10 2011 077 478.5	1)ROCKWOOD LITHIUM GMBH
(32) Priority Date	:14/06/2011	Address of Applicant : Industriepark Hchst Gebude G 879
(33) Name of priority country	:Germany	65926 Frankfurt/M Germany
(86) International Application	:PCT/EP2012/061058	(72)Name of Inventor :
No	:14/06/2012	1)WIETELMANN Ulrich
Filing Date	.14/00/2012	
(87) International Publication	:WO 2012/171888	
No		
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.1 1/ 1	

(57) Abstract :

The invention relates to a novel method for producing a carbon doped lithium sulfide powder according to which elementary lithium is reacted with elementary sulfur and/or a sulfur containing compound selected from the group containing CS COS SO and SO in a liquid state in an aliphatic or cycloaliphatic hydrocarbon solvent. The products of the method according to the invention are used to produce lithium battery electrodes or a lithium ion conducting solid.

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

(19) INDIA

(22) Date of filing of Application :05/03/2009

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR WORD FORMING AND WORD BUILDING (51) International classification :G09B 1/40 (71)Name of Applicant : (31) Priority Document No **1)HAREESH VIRIYALA** :2234/DEL/2006 (32) Priority Date Address of Applicant :C1E, 216B, MAIN BUILDING, IIIT, :10/10/2006 (33) Name of priority country GACHIBOWLI, HYDERABAD 500 032 Andhra Pradesh India :India (86) International Application No :PCT/IN2007/472 (72)Name of Inventor : **1)HAREESH VIRIYALA** Filing Date :09/10/2007 (87) International Publication No :WO/2008/044247 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA

:NA

(57) Abstract :

Filing Date

A method of displaying alphasyllabaries by way of appropriately shaped building blocks that represent individual character components of the scripts, and an apparatus for Total word forming and word building in alphasyllabaries using a minimum number of such building blocks, such that orthographic accuracy of the words formed/built in relation to the script and conformity with the alphabetic-syllabic nature of the scripts are maintained. The method and apparatus include a structured means to house the building blocks in a sequence or grid of spaces, with each space comprising of a closed shape within a closed shape and capable of housing a simple syllable or a complex syllable. The inner closed shape typically houses an independent vowel or consonant, and the area between the inner closed shape and the outer closed shape typically houses the dependent characters (diacritics). 46 of 46

No. of Pages : 68 No. of Claims : 46

(19) INDIA

(22) Date of filing of Application :10/01/2014

(54) Title of the invention : AN INJECTION NOZZLE FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification (31) Priority Document No	:13 151	(71)Name of Applicant : 1)EFI HIGHTECH AG
(32) Priority Date	831.8 :18/01/2013	Address of Applicant :WEIDSTRASSE 4A, CH-9410, HEIDEN Switzerland
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:NA	1)GEISSER, HERIBERT OTTO
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 :

comprises a body (2) in which a nozzle needle (7) is displaceably guided; a pressure chamber (5) which communicates with a feed borehole (4) and via a passage (9) with a spray chamber (6), wherein the passage (9) comprises a needle seat (9) for cooperation with a needle tip (8) of the nozzle needle (7); and at least one injection orifice (10) via which the spray chamber (6) communicates with the outside of the body (2). The at least one injection orifice has a substantially bottleneck-like inner contour with at least one pre-chamber (14) which opens at one end with an inlet opening (13) into the spray chamber (6); and a guide channel (17) which is connected to the other end of the at least one pre-chamber (14) and communicates via an outlet opening (18) with the outside (dome) of the body (2). The at least one pre-chamber (14) has a diameter or cross-section at least in the inlet opening (13) which is at least 50% larger than the diameter or cross-section of the guide channel (17), wherein the at least one pre-chamber (14) comprises at least one constriction (15) with at least one narrowing section (16). A ratio of a length of the guide channel (17) to a length of the pre-chamber (14) lies in a range of 1:0.2 to 1:0.8.

No. of Pages : 20 No. of Claims : 15

(21) Application No.10325/CHENP/2013 A

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 26/09/2014

(51) International classification	:F16H29/08	(71)Name of Applicant :
(31) Priority Document No	:2011154521	1)HONDA MOTOR CO. LTD.
(32) Priority Date	:13/07/2011	Address of Applicant :1 1 Minami Aoyama 2 chome Minato
(33) Name of priority country	:Japan	ku Tokyo 1078556 Japan
(86) International Application No	:PCT/JP2012/066381	(72)Name of Inventor :
Filing Date	:27/06/2012	1)NISHIMURA Yuji
(87) International Publication No	:WO 2013/008624	2)ICHIKAWA Kazuki
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : CONTINUOUSLY VARIABLE TRANSMISSION

(57) Abstract :

In the continuously variable transmission when an eccentric disc (19) is rotated relative to an eccentric cam (18) using a gear change shaft (15) that fits coaxially into the inside of an input shaft (12) the eccentricity (e) of the eccentric disc (19) with respect to the input shaft (12) changes and as a result of the reciprocation stroke of the connecting rod (33) changing the intermittent rotation angle of the output shaft changes and the gear ratio is changed. Since the center of gravity (G) of the eccentric disc (19) has been made to coincide with the center of eccentric rotation (O1) even if the eccentric disc (19) is eccentrically rotated with respect to the eccentric cam (18) in order to change the gear ratio the distance (d) from the axis line (L) of the input shaft (12) to the center of gravity (G) of the eccentric disc (19) with respect to the axial line (L) of the input shaft (12) does not change and vibrations that accompany changes in gear ratio can be kept to a minimum.

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

(21) Application No.10335/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 26/09/2014

(51) International classification	:F04D1/06	(71)Name of Applicant :
(31) Priority Document No	:CO2011A000027	1)NUOVO PIGNONE S.p.A.
(32) Priority Date	:21/07/2011	Address of Applicant : Via Felice Matteucci 2 I 50127
(33) Name of priority country	:Italy	Florence Italy
(86) International Application No	:PCT/EP2012/064232	(72)Name of Inventor :
Filing Date	:19/07/2012	1)IURISCI Giuseppe
(87) International Publication No	:WO 2013/011105	2)GRIMALDI Angelo
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.117A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : MULTISTAGE CENTRIFUGAL TURBOMACHINE

(57) Abstract :

A multistage centrifugal turbomachine (1) comprising: a rotor assembly (3) including a shaft (4) carrying a first and a second impeller (1 0 11); a stator (2) including a passage (5) for a fluid flowing from an outlet side (10b) of the first impeller (10) to an inlet side (11a) of the second impeller (11); the passage (5) comprising a diffuser (6) downstream the outlet side (10b) of the first impeller (1 0) a return channel (8) upstream the inlet side (11a) of the second impeller (11) and a bend (7) connecting the diffuser (6) and the return channel (8) a plurality of stator blades (15) being provided in the return channel (8); wherein a portion (8b) of the return channel (8) is delimited by the first impeller (10) said plurality of stator blades (15) extending at least partially in said portion (8b) of the return channel (8).

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

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : TURBO COMPRESSOR TRAIN WITH ROLLING BEARINGS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:CO2011A000031 :28/07/2011 :Italy :PCT/EP2012/064615 :25/07/2012	 (71)Name of Applicant : 1)NUOVO PIGNONE S.p.A. Address of Applicant :Via Felice Matteucci 2 I 50127 Florence Italy (72)Name of Inventor : 1)LANDI Giacomo 2)PEANO Guido 3)CAMATTI Massimo 4)NALDI Lorenzo
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(57) Abstract :

A turbo compressor train (100) and a method for assembling a turbo compressor train. The train includes a gas turbine engine (102 104 106) configured to transform thermal energy into mechanical energy; a centrifugal compressor (112) having a shaft (110) connected to a shaft (108) of the gas turbine engine; and a single lube pump (116) configured to provide synthetic oil to the gas turbine engine and the centrifugal compressor. The gas turbine engine the centrifugal compressor and the single lube pump each has only rolling bearings.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : IMAGE QUANTIZATION PARAMETER ENCODING METHOD AND IMAGE QUANTIZATION PARAMETER DECODING METHOD

(51) International classification	:H04N7/26	(71)Name of Applicant :
(31) Priority Document No	:2011153427	1)NEC Corporation
(32) Priority Date	:12/07/2011	Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088001 Japan
(86) International Application No	:PCT/JP2012/003897	(72)Name of Inventor :
Filing Date	:14/06/2012	1)CHONO Keiichi
(87) International Publication No	:WO 2013/008389	2)AOKI Hirofumi
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An image quantization parameter encoder is provided with: a predictor (11) for generating a predicted quantization parameter from a past reconstructed quantization parameter; a calculator (12) for generating a differential quantization parameter from a quantization parameter; and a quantization parameter encoder (13) which when the differential quantization parameter is significant performs binary arithmetic encoding of a first bin indicative of whether the differential quantization parameter is significant a different bin indicative of the absolute value of a non redundant differential quantization parameter and a bin indicative of the positivity/negativity of the differential quantization parameter.

No. of Pages : 45 No. of Claims : 10

(21) Application No.10189/CHENP/2013 A

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

(43) Publication Date : 26/09/2014

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:61/490543	1)MAVENIR SYSTEMS INC.
(32) Priority Date	:26/05/2011	Address of Applicant :1700 International Parkway Suite 200
(33) Name of priority country	:U.S.A.	Richardson Texas 75081 U.S.A.
(86) International Application No	:PCT/US2012/039641	(72)Name of Inventor :
Filing Date	:25/05/2012	1)WALLIS Michael Brett
(87) International Publication No	:WO 2012/162636	2)GADDAM Shravan Kumar
(61) Patent of Addition to Application	:NA	3)CORCORAN Steve
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alastina et e		•

(54) Title of the invention : INTERNETWORKING FOR CIRCUIT SWITCHED FALLBACK

(57) Abstract :

In some implementations a method includes presenting a network node as a Visited Location Resource (VLR) for User Equipment (UE) to Mobile Management Entity (MME) in a Long Term Evolution (LTE) system. The network node includes an SGs interface to the MME in the LTE system and a MAP interface to a Mobile Switching Center (MSC) in a Cellular System (CS). A notification of the UE registering the LTE system is received from the MME. A network node registers through the MAP interface with a Home Location Resource (HLR) in the CS as the VLR for the UE.

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

(22) Date of filing of Application :17/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR REGULATING THE RELATIVE POSITION OF A FIRST PART AND A SECOND PART OF A MECHANICAL ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G04B15/14,G04B13/02 :01022/10 :22/06/2010 :Switzerland :PCT/EP2011/060404 :22/06/2011 :WO 2011/161138 :NA :NA :NA :NA	 (71)Name of Applicant : 1)THE SWATCH GROUP RESEARCH AND DEVELOPMENT LTD Address of Applicant :Rue des Sors 3 CH 2074 Marin Switzerland (72)Name of Inventor : 1)WINKLER Yves 2)BOURBAN Stewes 3)DUBACH Alban
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(57) Abstract :

The invention relates to a method for regulating a device (1) comprising a first part (2) and at least one second part (3) said at least one second part being fixed to the first part by means of a seal (4) consisting of a first material arranged between said first and second parts characterised in that the first material is an at least partially amorphous metal alloy and in that said method also comprises the following steps: at least said seal is heated to a heating temperature between the glass transition temperature and the crystallisation temperature of the first material; the position of said at least one second part is modified until the desired determined position is obtained; and at least said joint is cooled such that it maintains its at least partially amorphous state.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESS FOR PRODUCING OPTICALLY ACTIVE 3 SUBSTITUTED 3 FORMYL 2 HYDROXYPROPANOIC ACID COMPOUND

(51) Internationalclassification(31) Priority DocumentNo(32) Priority Date	:C07C67/343,C07C69/708,C07C69/716 :2010125763 :01/06/2010	 (71)Name of Applicant : 1)SUMITOMO CHEMICAL COMPANY LIMITED Address of Applicant :27 1 Shinkawa 2 chome Chuo ku Tokyo 1048260 Japan (72)Name of Inventor :
(33) Name of priority country	:Japan	1)HAYASHI Yujiro
(86) International Application No Filing Date	:PCT/JP2011/062317 :30/05/2011	
(87) International Publication No	:WO 2011/152329	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

Provided is a process for producing an optically active 3 substituted 3 formyl 2 hydroxypropanoic acid compound (4) the process involving a step of reacting a glyoxylic acid compound (1 1) or (1 2) with an aldehyde (2) in the presence of an optically active pyrrolidine compound (3). (The groups shown in the formulas are as defined in the Description.)

No. of Pages : 54 No. of Claims : 10

(19) INDIA

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

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01L29/739,H01L29/10 :11173059.4 :07/07/2011 :EPO :PCT/EP2012/063303 :06/07/2012 :WO 2013/004829 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ABB TECHNOLOGY AG Address of Applicant :Affolternstrasse 44 CH 8050 Z¼rich Switzerland (72)Name of Inventor : 1)ANDENNA Maxi 2)RAHIMO Munaf 3)CORVASCE Chiara 4)KOPTA Arnost
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(54) Title of the invention : INSULATED GATE BIPOLAR TRANSISTOR

(57) Abstract :

An IGBT is provided having layers between an emitter electrode (2) on an emitter side (11) and a collector electrode (25) on a collector side (15) comprising: a collector layer (9) on the collector side (15) a drift layer (8) a base layer (4) of a second conductivity type a first source region (7) which is arranged on the base layer (4) towards the emitter side (11) a trench gate electrode (3) which is arranged lateral to the base layer (4) and extends deeper into the drift layer (8) than the base layer (4) a well (5) which is arranged lateral to the base layer (4) and extends deeper into the drift layer (8) than the base layer (4) an enhancement layer (6) which surrounds the base layer (4) such that the enhancement layer (6) completely separates the base layer (4) from the drift layer (8) and the well (5) additionally to the emitter electrode (2) an electrically conducting layer (32) which covers the well (5) wherein the electrically conductive layer (32) is separated from the well (5) by a second electrically insulating layer (36) a third insulating layer (38) which has a recess (39) on top of the electrically conducting layer (32) such that the electrically conducting layer (32) electrically conducting layer (32).

No. of Pages : 26 No. of Claims : 14

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : POLYMER S	CAFFOLD SHEATHS	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61L :13/118311 :27/05/2011 :U.S.A. :PCT/US2012/039719	 (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 :
Filing Date (87) International Publication No	:25/05/2012 :WO 2012/166661	1)LIU Annie P. 2)PHILLIPS Jason
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)JOHNSON Mark C. 4)MCNIVEN Sean A.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A medical device includes a polymer scaffold (10) crimped to a catheter having an expansion balloon (12). A sheath pair (20 30) is placed over the crimped scaffold after crimping to reduce recoil of the crimped polymer scaffold and maintain scaffold balloon engagement relied on to hold the scaffold to the balloon when the scaffold is being delivered to a target in a body. The sheath pair is removed by a health professional before placing the scaffold within the body.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:G06F21/24	(71)Name of Applicant :
(31) Priority Document No	:P2011 0 0230	1)CONNET D.O.O.
(32) Priority Date	:28/06/2011	Address of Applicant : TehnoloÅjki park 21 1000 Ljubljana
(33) Name of priority country	:Slovenia	Slovenia
(86) International Application No	:PCT/SI2012/000042	(72)Name of Inventor :
Filing Date	:28/06/2012	1)LIPICNIK AleÅ;
(87) International Publication No	:WO 2013/002741	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : WEB TOKENS WITH A SIGNATURE OF A WEB PAGE VISITOR

(57) Abstract :

Web tokens provided with a signature of a web page visitor solve a problem of time consuming verification of authenticity of web pages. This is a key element for a visitor/user to avoid web fraud. The invention makes it possible for the Internet users to add a personal signature to trust tokens that are often subject to fraud. The user thus immediately sees whether a visited web site is authentic or fake. The visitor of web pages thus avoids the inconvenient following of links via which authenticity of a web site can usually be verified.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:2010158551 :13/07/2010 :Japan :PCT/JP2011/064512 :24/06/2011 :WO 2012/008281 :NA :NA	 (71)Name of Applicant : 1)TORAY INDUSTRIES INC. Address of Applicant :1 1 Nihonbashi Muromachi 2 chome Chuo ku Tokyo 1038666 Japan (72)Name of Inventor : 1)TANAKA Daisaku 2)MATSUKI Shinichi 3)TOMINAGA Tsuyoshi

(54) Title of the invention : LIGHT EMITTING ELEMENT

(57) Abstract :

Provided is an organic thin film light emitting element which has achieved all of improved luminous efficiency improved driving voltage and improved durability life. Specifically provided is a light emitting element which comprises a hole transport layer and an electron transport layer between a positive electrode and a negative electrode and emits light by means of electrical energy. The light emitting element is characterized in that: the hole transport layer of the light emitting element contains a compound represented by general formula (1); the electron transport layer contains a donor compound; and the donor compound is an alkali metal an inorganic salt containing an alkali metal or a complex of an alkali metal and an organic substance an alkaline earth metal an inorganic salt containing an alkaline earth metal or a complex of an alkaline earth metal and an organic substance. (In the formula R R each represents one group selected from the group consisting of hydrogen deuterium an alkyl group a cycloalkyl group an amino group an aryl group a heteroaryl group an alkenyl group a cycloalkenyl group an alkoyy group an alkylthio group an arylether group an arylthioether group a halogen a cyano group a P(=O)RR group and a silyl group; R and R each represents an aryl group or a heteroaryl group; and these substituents may be further substituted or adjacent two substituents may combine together to form a ring. Meanwhile R R may be the same or different and each represents one group selected from the group consisting of an alkel group; and these substituents may be further substituents may be further substituted.)

No. of Pages : 72 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : HANDHELD DEVICE AND DISPLAY 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 	:G06F3/048,G09G5/00 :2010176254 :05/08/2010 :Japan :PCT/JP2011/065257 :04/07/2011 :WO 2012/017763 :NA :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)ZHOU Yifeng
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(57) Abstract :

The present invention provides a handheld device which addresses the need for increased user friendliness. A housing (A) is provided with a display section (1A) and another housing (B) is provided with a display section (1B). A detection unit (2) detects the positions of one or both of the housings (A) and (B) and the opening angle between the housings (A) and (B). An execution unit (3) executes the application. A control unit (4) displays the application screen in a display style according to the detection results obtained by the detection unit (2) on one or both of the display sections (1A)(1B).

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR CODING VIDEO QUANTIZATION PARAMETER AND METHOD FOR DECODING VIDEO QUANTIZATION PARAMETER

(31) Priority Document No:20(32) Priority Date:28(33) Name of priority country:Ja(86) International Application No:PCFiling Date:27	011142453 8/06/2011 apan CT/JP2012/004162 7/06/2012 /O 2013/001808 A A	 (71)Name of Applicant : NEC Corporation Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo 1088001 Japan (72)Name of Inventor : 1)CHONO Keiichi 2)AOKI Hirofumi 3)SENDA Yuzo
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(57) Abstract :

A video quantization parameter coding device is provided with a prediction unit (11) for generating a prediction quantization parameter from a past reconstruction quantization parameter a computation unit (12) for generating a differential quantization parameter from the quantization parameter and the prediction quantization parameter and a quantization parameter coding means (13) for binary arithmetically coding a first bin indicating whether or not the differential quantization parameter is significant a second bin indicating whether the differential quantization parameter is positive or negative and another bin indicating the absolute value of the differential quantization parameter if the differential quantization parameter is significant.

No. of Pages : 55 No. of Claims : 10

(21) Application No.10247/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:A62C37/14	(71)Name of Applicant :
(31) Priority Document No	:61/490737	1)VICTAULIC COMPANY
(32) Priority Date	:27/05/2011	Address of Applicant :4901 Kesslersville Rd Easton PA 18054
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/039684	(72)Name of Inventor :
Filing Date	:25/05/2012	1)SHIPMAN Buddy Clayton
(87) International Publication No	:WO 2012/166644	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		<u> </u>

(54) Title of the invention : X BRACE AND FLEXIBLE CONNECTION FOR FIRE SPRINKLERS

(57) Abstract :

A fire sprinkler head (12) has a valve (42) with an X brace latch (54) and includes a flexible conduit (14). A sprinkler nozzle (16) is secured to a first end of the flexible conduit (14). The sprinkler nozzle (16) includes a first fitting (28) a sprinkler orifice (20) and fusible element (22). A second fitting (40) is secured to the second end of the flexible conduit (14) and includes the valve (42). The valve (42) has a valve element (44) which is moveable from a latched position to an unlatched position. A flexible link (56) extends from the sprinkler nozzle (16) to the X brace valve latch (54). Breaking of the fusible element (22) releases the flexible link (56) to move from the latched position to the unlatched position releasing the valve (42) for flow there through.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : PAPER AND CARDBOARD PACKAGING FEATURING A BARRIER COATING COMPRISING A POLYMER MIXTURE

 classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:PCT/EP2012/059821 :25/05/2012 :WO 2012/163821 :NA :NA	 (71)Name of Applicant : 1)BASF SE Address of Applicant :67056 Ludwigshafen Germany (72)Name of Inventor : 1)SEYFFER Hermann 2)CIMPEANU Carmen Elena 3)DIEHL Heiko
Filing Date	:NA	

(57) Abstract :

A description is given of paper or cardboard packaging comprising recycled paper which has been exposed to mineral oil said packaging having a barrier layer which can be produced by application of an aqueous polymer dispersion comprising a mixture of at least two polymers A and B. Polymer A is preparable by emulsion polymerization of C1 to C4 alkyl (meth)acrylates acid monomers for example acrylic acid or methacrylic acid 0 20% by weight of acrylonitrile and 0% to 10% by weight of further monomers the glass transition temperature of the copolymer A being greater than +45°C and the glass transition temperature of polymer B being less than +10°C. The average value calculated from the glass transition temperatures of the individual polymers is situated in the range from +10°C to +45°C. The barrier layer may be located on one of the packaging surfaces or may form one of a plurality of layers of a multi layer packaging coating or may be located as a coating on one side of an inner pouch located in the packaging.

No. of Pages : 19 No. of Claims : 16

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : X BRACE VA	LVE AND FLEXIBLE	CONNECTION FOR FIRE SPRINKLERS
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B05B12/00 :61/490737 :27/05/2011 :U.S.A.	 (71)Name of Applicant : (71)Name of Applicant :
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An X brace configuration locks a valve element in a latched position until a fusible element breaks releasing pressurized inert gas. Upon depressurization the X brace configuration releases the valve element to open and allow water flow through the flexible sprinkler assembly.

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

(22) Date of filing of Application :08/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR COATING A CATALYSED PARTICULATE FILTER AND A PARTICULATE FILTER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	n :B01J35/04,B01J37/02,F01N3/035 :PA 2011 00537 :13/07/2011 :Denmark	 (71)Name of Applicant : 1)HALDOR TOPS[*]E A/S Address of Applicant :Nym,llevej 55 DK 2800 Kgs. Lyngby Denmark
 (86) International Application No Filing Date (87) International Publication 	:PCT/EP2012/061328 :14/06/2012 :WO 2013/007466	(72)Name of Inventor :1)GABRIELSSON Pr L.2)JOHANSEN Keld
No (61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Method for the preparation of a wall flow particulate filter catalysed at its inlet side with a first catalyst having activity in the removal of residual hydrocarbons and carbon monoxide and catalysing at rich burn engine operation conditions the reaction of nitrogen oxides with hydrogen and/or carbon monoxide to ammonia and catalysed at its outlet side with a second catalyst having activity in the selective reduction of NOx by reaction with ammonia being formed in the inlet side. The method involves the provision of a first catalyst having a particle size smaller than the filter wall mean pore size and a second catalyst having a particle size larger than the filter wall mean pore suspension which is used for washcoating from the outlet end. The first catalyst thereby diffuses into the partition wall.

No. of Pages : 13 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :13/12/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : LAUNDRY I	DEVICE	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:D06F5/00,D06F1/00 :2010902301 :26/05/2010 :Australia	 (71)Name of Applicant : 1)INNOVIGOR8 PTY LTD Address of Applicant :8/16 Abinger St Richmond VIC 3121 Australia (72)Name of Inventor : 1)NEWLAND Ashley Martin 2)PEARCE Jean Paul

(57) Abstract :

The present invention relates to a laundry device including: i) a flexible waterproof housing for housing a textile item water and cleaning material; ii) an opening in the housing for inserting or removing the textile item; and iii) a seal for sealing the opening; wherein an inner surface of the housing includes a frictional washing surface against which the textile item is rubbed to effect cleaning by gripping or pressing on an outer surface of the housing to press and rub the textile item against the frictional washing surface.

No. of Pages : 37 No. of Claims : 44

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD COMPUTER PROGRAM AND ROLLING MILL TRAIN FOR ROLLING A METAL STRIP

(51) International classification	:B21B37/58	(71)Name of Applicant :
(31) Priority Document No	:10 2011 106 327.0	1)SMS SIEMAG AG
(32) Priority Date	:08/06/2011	Address of Applicant :Eduard Schloemann Strae 4 40237
(33) Name of priority country	:Germany	D ¹ / ₄ sseldorf Germany
(86) International Application No	:PCT/EP2012/060698	(72)Name of Inventor :
Filing Date	:06/06/2012	1)RITTER Andreas
(87) International Publication No	:WO 2012/168299	2)SUDAU Peter
(61) Patent of Addition to Application	:NA	3)KOCH Markus
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		l de la constante de

(57) Abstract :

The invention relates to a method a computer program and a rolling mill train for cold rolling a metal strip (200). In order to achieve a shortening of undesired off gauge lengths the method according to the invention provides that the head (210) of the metal strip (200) already undergoes a thickness reduction at the first active rolling stand (n) in the rolling mill train and then is transported on to the next rolling stand in order to undergo a further thickness reduction there. The method according to the invention also provides for further reducing the initial pass thickness at the n th rolling stand in accordance with the tensile stress that has built up in the meantime between the n+1 th and the n th rolling stand.

No. of Pages : 20 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHODS AND APPARATUS FOR USING MOBILE DEVICES AS LOCATION ANCHOR POINTS (51) International classification :H04W4/04 (71)Name of Applicant : (31) Priority Document No **1)QUALCOMM Incorporated** :12/875338 (32) Priority Date Address of Applicant :Attn: International IP Administration :03/09/2010 (33) Name of priority country 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/050414 (72)Name of Inventor: 1)JOVICIC Aleksandar Filing Date :02/09/2011 (87) International Publication No :WO 2012/031253 2)RICHARDSON Thomas (61) Patent of Addition to Application 3)MEASSON Cyril :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Mobile devices are used as temporary location anchor points e.g. to supplement fixed location permanent location anchor points in a wireless communications system in which mobile device locations are determined. A mobile device receives a command or request to operate as a location anchor point. In some embodiments the command includes time information indicating the amount of time the mobile device is to operate as a location anchor point. In some embodiments a mobile device operating as a location anchor point reports a received signal strength measurement along with information identifying the device from which the signal was received to a network element e.g. a location server node. In some embodiments a mobile device operating as a location anchor point broadcasts a signal providing location information. The mobile device receives compensation for operating as a location anchor point. Compensation may be monetary services or benefits provided by the network.

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

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ADVERTISING METHODS AND APPARATUS FOR USE IN A WIRELESS COMMUNICATIONS SYSTEM

(51) International classification	:G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:12/875333	1)QUALCOMM INCORPORATED
(32) Priority Date	:03/09/2010	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/US2011/050408	(72)Name of Inventor :
Filing Date	:02/09/2011	1)JOVICIC Aleksandar
(87) International Publication No	:WO 2012/031247	2)MEASSON Cyril
(61) Patent of Addition to Application	:NA	3)RICHARDSON Thomas
Number		4)LI Junyi
Filing Date	:NA	5)PARK Vincent D.
(62) Divisional to Application Number	:NA	6)CORSON Mathew Scott
Filing Date	:NA	

(57) Abstract :

Methods and apparatus related to communicating advertisements and/or service announcements to devices in a communications system are described. In various embodiments mobile devices are used as mobile advertisement transmission platforms. Advertisements may be downloaded to the wireless communications device along with transmission constraints. Transmission of an advertisement is made when a transmission constraint e.g. target audience constraint is satisfied. The wireless terminal may change its transmission frequency coding rate and/or other transmission characteristics to satisfy a transmission constraint and/or optimize revenue. The mobile device reports advertisements transmission constraints may involve e.g. advertisement server and the owner of the device is compensated for the transmissions. Transmission constraints may involve a number of devices to be reached the type of devices to be reached and/or other constraints relating to the demographics of device users. Information may be obtained from peer discovery signals and used to determine if a constraint is satisfied.

No. of Pages : 35 No. of Claims : 20

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : APPLICATOR FOR APPLYING AN APPLICATION MEDIUM TO HAIR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 2010 022 471.5 :02/06/2010 :Germany :PCT/EP2011/002711 :01/06/2011 :WO 2011/151065 :NA :NA :NA	 (71)Name of Applicant : WAGNER Anke Address of Applicant :Bugostrae 1 88682 Salem Germany (72)Name of Inventor : WAGNER Anke EICHE Daniel ROTH Peter MEHLBERGER Andreas MEHLBERGER Michael
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention starts out from an applicator for applying at least one application medium (10a; 10b; 10c 52c) to hair with a separation unit (11a; 11Ib; 11c) which forms at least two application gaps (12a 13a 14a 15a 16a; 13b; 12c 13c 14c 15c 16c) that are provided for receiving some of the hairs for application of the application medium (10a; 10b; 10c 52c). It is proposed that at least one of the application gaps (12a 13a 14a 15a 16a; 13b; 12c 13c 14c 15c 16c) that are provided for the application gaps (12a 13a 14a 15a 16a; 13b; 12c 13c 14c 15c 16c) has an opening width that is smaller at least by a factor of 10 than a distance between the application gaps (12a 13a 14a 15a 16a; 13b; 12c 13c 14c 15c 16c).

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : PHARMACEUTICAL COMPOSITION AND SOLID GALENIC FORM HAVING A HIGH DRONEDARONE CONTENT AND METHOD FOR PREPARING SAME

Application No Filing DateIPC 1/EP2012/063312 :06/07/2012(87) International Publication No:WO 2013/004830(61) Patent of Addition to Application Number Filing Date:NA(62) Divisional to:NA	 classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:A01K9/20,A01K31/343,A01K47/02 :1156153 :07/07/2011 :France :PCT/EP2012/063312 :06/07/2012 :WO 2013/004830 :NA :NA	 (71)Name of Applicant : 1)SANOFI Address of Applicant :54 rue La Botie F 75008 Paris France (72)Name of Inventor : 1)DUCASSOU Jean 2)RENOUARD Marie
Application Number Filing Date	Application Number Filing Date		

(57) Abstract :

The present invention relates to pharmaceutical compositions to be used in a solid galenic form for oral administration and primarily including dronedarone and/or at least one of the derivatives thereof as well as to solid galenic forms manufactured as such from said compositions preferably in the form of tablets or capsules. The present invention also relates to a method for preparing such solid galenic forms using a hot melt process.

No. of Pages : 28 No. of Claims : 22

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : IMAGE CODING METHOD IMAGE DECODING METHOD IMAGE CODING DEVICE IMAGE DECODING DEVICE AND IMAGE CODING DECODING DEVICE

(51) International classification	:H04N7/32,H04N13/00	(71)Name of Applicant :
(31) Priority Document No	:61/605870	1)PANASONIC CORPORATION
(32) Priority Date	:02/03/2012	Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
(33) Name of priority country	:U.S.A.	5718501 Japan
(86) International Application No	:PCT/JP2013/000856	(72)Name of Inventor :
Filing Date	:15/02/2013	1)SUGIO Toshiyasu
(87) International Publication No	:WO 2013/128832	2)NISHI Takahiro
(61) Patent of Addition to Application	:NA	3)SHIBAHARA Youji
Number	:NA	4)TANIKAWA Kyoko
Filing Date	.114	5)SASAI Hisao
(62) Divisional to Application Number	:NA	6)MATSUNOBU Toru
Filing Date	:NA	7)TERADA Kengo

(57) Abstract :

The image coding method is an image coding method for coding a current picture in each of several blocks the method including: a generation step (S1001) for assigning a reference picture index to a reference picture which it is possible to reference during coding of the current picture and generating a reference picture list including the reference picture to which the reference picture index was assigned; and a coding step (S1002) for identifying from the reference picture list the reference picture reference dwhen coding the current block included in the current picture and encoding the current block while referring to the identified reference picture. In the generation step (S1001) in the event that there is a possibility that a reference picture belonging to a reference view different from the current view to which the current picture belongs will be referenced when coding the current picture the reference picture belonging to the reference pi

No. of Pages : 126 No. of Claims : 13

(21) Application No.1785/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/03/2013

(43) Publication Date : 26/09/2014

(51) International classification	:H04B5/00	(71)Name of Applicant :
(31) Priority Document No	:61/376991	1)QUALCOMM INCORPORATED
(32) Priority Date	:25/08/2010	Address of Applicant :5775 Morehouse Drive San Diego CA
(33) Name of priority country	:U.S.A.	92121 U.S.A.
(86) International Application No	:PCT/US2011/048849	(72)Name of Inventor :
Filing Date	:23/08/2011	1)LOW Zhen Ning
(87) International Publication No	:WO 2012/027397	2)WHEATLEY Charles E. III
(61) Patent of Addition to Application	:NA	3)ESTRADA Sergio P.
Number	:NA	
Filing Date	.1 17 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : PARASITIC CIRCUIT FOR DEVICE PROTECTION

(57) Abstract :

Exemplary embodiments are directed to a device include a parasitic coil for protection of the device. A device may include a first circuit configured to receive a first transmitted signal at an operational frequency. The device may also include a second circuit a second circuit configured to generate a field that opposes at least one of an undesirable portion of a wireless power field of the first transmitted signal and a portion of another wireless power field proximate the first circuit the another wireless power field generated by a second transmitted signal at a non operational frequency of the first circuit.

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

(19) INDIA

(22) Date of filing of Application :07/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PRODUCING POLYETHER CARBONATE POLYOLS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08G65/00,C08G65/26 :10 2010 040 517.5 :09/09/2010 :Germany :PCT/EP2011/065364 :06/09/2011 :WO 2012/032028 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred Nobel Strasse 10 40789 Monheim Germany (72)Name of Inventor : 1)GRTLER Christoph 2)HOFMANN Jrg 3)WOLF Aurel 4)GRASSER Stefan
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(57) Abstract :

The invention relates to a method for producing polyether carbonate polyols from one or more alkylene oxides carbon dioxide and optionally from one or more H functional starter substances in the presence of at least one double metal cyanide catalyst said double metal cyanide catalyst containing an unsaturated alcohol as a complex ligand.

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

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : TILING CONVER	TER	
(51) International classification	:G06F15/16	(71)Name of Applicant :
(31) Priority Document No	:MI2013A000046	1)DANIELI & C. OFFICINE MECCANICHE, S.P.A.
(32) Priority Date	:15/01/2013	Address of Applicant :VIA NAZIONALE 41, I-33042
(33) Name of priority country	:Italy	BUTTRIO Italy
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)POLONI, ALFREDO
(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 tilting converter comprising a container (2), defining a first longitudinal axis X, having a bottom (2); a support ring (3), coaxial to the container (2) and distanced from said container, provided with two diametrically opposite supporting pins (6), defining a second axis Y orthogonal to the first axis X, adapted to allow a rotation of the converter about said second axis Y; a suspension system, connecting said container (2) to said support ring (3), comprising groups (12) of first suspension devices (7), said groups (12) being arranged substantially equidistant to each other along a cylindrical side surface coaxial to the first axis X, in a position between the support ring (3) and the bottom (2); each of said first suspension devices (7) being provided with a plurality of longitudinal elastic elements, each longitudinal elastic element being arranged alongside the next so as to define a laying plane, and a gap (15, 15) is provided between one longitudinal elastic element and the next.

No. of Pages : 23 No. of Claims : 17

(21) Application No.1713/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 26/09/2014

:G06Q50/00,G06F17/24	
:12/878842	1)MICROSOFT CORPORATION
:09/09/2010	Address of Applicant : One Microsoft Way Redmond
:U.S.A.	Washington 98052 6399 U.S.A.
:PCT/US2011/047810	(72)Name of Inventor :
:15/08/2011	1)SAINI Shailesh
:WO 2012/033608	2)ALBRECHT Brian
·NI A	
:NA	
:NA	
:NA	
	:09/09/2010 :U.S.A. :PCT/US2011/047810 :15/08/2011 :WO 2012/033608 :NA :NA :NA

(54) Title of the invention : CONCURRENT EDITING OF ONLINE DRAWINGS

(57) Abstract :

A webpage contains a canvas. The canvas contains a drawing that is editable within the webpage by a user of a client device and by other users who use other client devices to open webpages that include the canvas. While the webpage is open on the client device the drawing is dynamically updated to reflect edits made to the drawing by the user and by the other users at approximately times that the user and the other users make the edits to the drawing. The drawing is stored on a server system such that when the user closes the webpage the other users can continue to edit the drawing. When the user reopens the webpage the canvas contains the drawing as edited by the other users.

No. of Pages : 45 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :01/03/2013

(54) Title of the invention : DRAG ABLE TABS

(43) Publication Date : 26/09/2014

(-)		
(51) International classification	:G06F3/048,G06F3/14	(71)Name of Applicant :
(31) Priority Document No	:12/878745	1)MICROSOFT CORPORATION
(32) Priority Date	:09/09/2010	Address of Applicant : One Microsoft Way Redmond
(33) Name of priority country	:U.S.A.	Washington 98052 6399 U.S.A.
(86) International Application No	:PCT/US2011/025624	(72)Name of Inventor :
Filing Date	:21/02/2011	1)ENS Michael J.
(87) International Publication No	:WO 2012/033546	2)MARTINEZ Louis A.
(61) Patent of Addition to Application	:NA	3)PELL Mike
Number	.NA :NA	4)CHANG Eugene
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
/		1

(57) Abstract :

Various embodiments enable a tab within a web browser user interface to be dragged out of an associated tab band in which it appears. When dragged outside of the tab band content can be rendered within a window associated with the tab. This permits side by side viewing of content in the primary web browser user interface as well as the window associated with the tab that has been dragged out of the tab band. In one or more embodiments content that is associated with a dragged tab s window can include live content such as multimedia presentations.

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

(21) Application No.1941/CHENP/2013 A

(22) Date of filing of Application :11/03/2013

(43) Publication Date : 26/09/2014

(51) International classification	:C08J5/18,B32B27/00	(71)Name of Applicant :
(31) Priority Document No	:2010206493	1)TORAY INDUSTRIES INC.
(32) Priority Date	:15/09/2010	Address of Applicant :1 1 Nihonbashi Muromachi 2 chome
(33) Name of priority country	:Japan	Chuo ku Tokyo 1038666 Japan
(86) International Application No	:PCT/JP2011/069264	(72)Name of Inventor :
Filing Date	:26/08/2011	1)SAKAMOTO Mitsutaka
(87) International Publication No	:WO 2012/035956	2)MANABE Isao
(61) Patent of Addition to Application	:NA	3)TAKAHASHI Kozo
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		l.

(54) Title of the invention : MOLDING FILM AND MOLDING TRANSFER FOIL

(57) Abstract :

(19) INDIA

The present invention is a molding film that contains between 50 and 100 mass% inclusive of a cyclic olefin resin with respect to film as a whole has a storage elastic modulus at 75°C of 1000 to 3000 MPa inclusive and has a storage elastic modulus at 120°C of no greater than 100 MPa. By means of the present invention the molding film is provided that is suitable for molding transfer foil applications and that exhibits superior dimensional stability during processing by coating laminating printing vapor deposition and the like.

No. of Pages : 83 No. of Claims : 6

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : UNIFIED RECONNECTION TO MULTIPLE REMOTE SERVERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application 	:H04L29/04,G06F15/16,G06F9/44 :61/397710 :30/09/2010 :U.S.A. :PCT/US2011/051658	 (71)Name of Applicant : 1)MICROSOFT CORPORATION Address of Applicant :One Microsoft Way Redmond Washington 98052 6399 U.S.A. (72)Name of Inventor :
No Filing Date (87) International Publication	:14/09/2011	1)HENRIQUEZ Alberto 2)LONDON Kevin 3)RESKUSICH Raymond M.
No (61) Patent of Addition to	:WO 2012/050720	4)MEHMOOD Kashif 5)BAKER James
Application Number Filing Date	:NA :NA	6)BHATTACHARYYA Debaprajna
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Techniques are disclosed for connecting a user to all of his resources (e.g. remote desktop or remote application) in a deployment of server farm(s). The user s client sends a message to the deployment requesting any disconnected resources for the user and/or any active resources communicating with a different client. The deployment determines what those resources are then strips out redundant information (e.g. two resources are remote applications executing within the same session) and sends a stripped list to the client which reconnects. The client first reconnects to a resource that is not a VM and stores any user input (e.g. credentials) prompted for during that log in. Then it reconnects to the other resources in parallel using in these later reconnections any input received from the client during the first reconnection.

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

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : ELEMENT FOR MANUFACTURING A BINDING FOLDER OR A DISPLAY BOARD AND METHOD THAT MAKES USE OF SUCH AN ELEMENT FOR MANUFACTURING THE BINDING FOLDER OR THE DISPLAY BOARD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B42C7/00,B42C9/00,B42F13/00 :2011/0357 :14/06/2011 :Belgium :PCT/IB2012/001135 :11/06/2012 :WO 2012/172404 :NA :NA :NA	 (71)Name of Applicant : 1)UNIBIND LIMITED Address of Applicant :Margarita House 15 Them. Dervis Street Nicosia 136 Cyprus (72)Name of Inventor : 1)PELEMAN Guido
Filing Date	INA	

(57) Abstract :

Element for manufacturing a binding folder (19) or for manufacturing a display board whereby the element (1) is a semi finished product that is primarily flat and primarily formed by a support (2) that is formed by or composed of one or more flat sheets and a cover (5) that is affixed over or around this sheet or sheets (4) characterised in that on one side the support (2) is provided with a layer of hot melt adhesive (7) that extends up to a distance (D) from the edges (8) of the support (2) and this to affix a finishing cover (12) or a poster or similar on this side of the support (2).

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

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR POWER CONVERSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02M :201310016219.6 :16/01/2013 :China :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : GE ENERGY POWER CONVERSION TECHNOLOGY LTD Address of Applicant :BOUGHTON ROAD, RUGBY, WARWICKSHIRE CV21 1BU U.K. (72)Name of Inventor : ZHANG, FAN SCHROEDER, STEFAN SHEN, JIE ZHANG, RICHARD S. SOUA, SAMIR
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(57) Abstract :

A converter includes a first converter module and a second converter module coupled to the first converter module in a nested manner. Each of the first converter module and the second converter module includes a plurality of switch units. When the converter is operated to perform power conversion, at least two of the plurality of switch units is configured to be switched both in a complementary pattern and a non-complementary pattern

No. of Pages : 54 No. of Claims : 24

(22) Date of filing of Application :19/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : TRANSPORTABLE IMMERSIVE MOTION PICTURE DISPLAY STRUCTURES

	n:E04H3/22,E04B1/343,E04H15/20	
(31) Priority Document No	:61/381549	1)IMAX CORPORATION
(32) Priority Date	:10/09/2010	Address of Applicant :2525 Speakman Drive Mississauga
(33) Name of priority country	:U.S.A.	Ontario L5K 1B1 Canada
(86) International Application No Filing Date	:PCT/US2011/050989 :09/09/2011	(72)Name of Inventor :1)JACQUES G. Eric2)TREMBLAY Denis G.
(87) International Publication No	:WO 2012/034011	3)KUCERA Paul 4)BONNICK Brian J.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A transportable large capacity theatre includes a primary theatre body with laterally spaced apart first and second long sides opposing first and second ends attached to the long sides and a roof over the long sides and ends the body defining an enclosed interior chamber. The roof the long sides and the ends may be defined by a plurality of laterally extending inflated tubes and the long sides of the primary theatre body may have a substantially vertical orientation relative to a surface on which the theatre may be supported for at least a major portion of the height of the respective long sides. The theatre further includes a seating section a display screen positioned in the interior of the primary theatre body and viewable by a viewer seated in the seating section and a projection system in the interior of the primary theatre body and in communication with the screen.

No. of Pages : 76 No. of Claims : 64

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:F16H9/18	(71)Name of Applicant :
(31) Priority Document No	:2011164289	1)MUSASHI SEIMITSU INDUSTRY CO. LTD.
(32) Priority Date	:27/07/2011	Address of Applicant :39 5 Aza Daizen Ueta cho Toyohashi
(33) Name of priority country	:Japan	shi Aichi 4418560 Japan
(86) International Application No	:PCT/JP2012/068588	(72)Name of Inventor :
Filing Date	:23/07/2012	1)OKITSU Yuichi
(87) International Publication No	:WO 2013/015243	2)SHIGIHARA Akira
(61) Patent of Addition to Application	:NA	3)KIRYU Kazuhisa
Number		4)OKAMOTO Teruhisa
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : V BELT TYPE CONTINUOUSLY VARIABLE TRANSMISSION

(57) Abstract :

A V belt type continuously variable transmission provided with a shift member (20) connected with free relative rotation and no relative movement in the axial direction to a movable pulley half (17) via a bearing (21) and a shift control mechanism (26) for operating the shift member (20) in the axial direction with the output of an electric motor (24). The shift member (20) comprises a hub (20a) connected to a movable pulley half (17) via a bearing (21) and an arm (20b) extending in the radial direction formed integrally with the hub (20a) and the shift control mechanism (26) comprises a threaded shaft (27)rotationally driven by the output of the electric motor (24) supported with free rotation by the transmission case (2) on one side of the input axis (4) and a female threaded member (28) screwed onto the threaded shaft (27) with the female threaded member (28) and the arm (20b) connected to each other. This configuration provides a structurally simple V belt type continuously variable transmission allowing a small number of replacement parts when changing a specification of the apparatus and keeping the change cost low.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification :E04C3/29 (71)Name of Applicant : (31) Priority Document No 1)ULMA C y E S. Coop :201131127 (32) Priority Date Address of Applicant : Paseo Otadui 3; Apdo 13 E 20560 O±ati :01/07/2011 (33) Name of priority country :Spain Spain (86) International Application No :PCT/EP2012/062617 (72)Name of Inventor : Filing Date :28/06/2012 1)CALVO ECHEVESTE Ibon (87) International Publication No :WO 2013/004594 2)LECETA LASA Jon I±aki (61) Patent of Addition to Application **3)FABIAN MARIEZCURRENA Aitor** :NA Number 4)RUIZ DE AZUA VAQUERO Alexander :NA Filing Date **5)CORTES MARTINEZ Fernando** (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : STRUCTURAL MEMBER ADAPTED TO SUPPORT A FORMWORK

(57) Abstract :

Structural member adapted to support a formwork that comprises at least one core (21) made of a material that has a density between approximately 40 kg/m and approximately 500 kg/m and at least one metal casing (31) that substantially covers a free outer contour of the core (21) the metal casing (31) being arranged attached to the core (21).

No. of Pages : 16 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : BITTERNESS MASKING (51) International classification :A23G1/42,A23G3/36,A23L1/302 (71)Name of Applicant : (31) Priority Document No :61/504476 1)KRAFT FOODS R&D INC. (32) Priority Date :05/07/2011 Address of Applicant :1 Kraft Court Glenview IL 60025 (33) Name of priority country U.S.A. :U.S.A. (86) International Application (72)Name of Inventor : :PCT/US2012/044151 No **1)FIRRELL Michelle** :26/06/2012 Filing Date 2)MARSHALL Sarah (87) International Publication 3)LUNDY Steffi :WO 2013/006305 No **4)NORTON Clive RT** (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A method for masking the unpleasant taste of a bitter tasting substance includes administration of the bitter tasting substance with a vitamin E compound in the presence of at least one fat. The bitter taste of a bitter tasting substance is reduced in confectionery compositions when combined with at least one fat and a taste masking effective amount of one or more forms of a vitamin E compound.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESS FOR PRODUCING COMPOUNDS COMPRISING NITRILE FUNCTIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D211/02,C07D211/88,C07D307/24 :1156222 :08/07/2011 :France :PCT/EP2012/063093 :05/07/2012 :WO 2013/007586 to :NA :NA :NA :NA	 (71)Name of Applicant : 1)RHODIA OPERATIONS Address of Applicant :40 rue de la Haie Coq F 93306 Aubervilliers France (72)Name of Inventor : 1)MARION Philippe 2)JACQUOT Roland
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(57) Abstract :

The present invention relates to the production of compounds comprising nitrile functions and of cyclic imide compounds. It relates more particularly to the production of compounds comprising nitrile functions from compounds comprising carboxylic functions advantageously of natural and renewable origin and from 2 methylglutaronitrile (MGN) or a mixture N of dinitriles comprising 2 methylglutaronitrile (MGN) 2 ethylsuccinonitrile (ESN) and adiponitrile (AdN).

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

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHODS AND APPARATUS FOR SUPPORTING SHARING OF PRIVILEGES IN A PEER TO PEER 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 	:12/898895 :06/10/2010 :U.S.A.	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor : 1)WU Xinzhou 2)LI Junyi 3)PARK Vincent D. 4)KHUDE Nilesh
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(57) Abstract :

Various methods and apparatus relate to sharing QoS privileges between devices having a higher service level subscription and devices having lower service level subscription. QoS privileges are associated with a QoS service level which is in turn tied to devices e.g. based on a service level subscription of the device. Devices with higher service level subscription are entitled to superior QoS privileges than the devices with lower service level subscription. In various embodiments a first device with higher QoS service level provides to a second device having lower QoS service level information used to obtain a QoS privilege to which the first device is entitled. Thus the second device entitled to lower QoS privileges is provided with the superior QoS privileges on a limited basis e.g. for communicating with the first device corresponding to the higher QoS service level.

No. of Pages : 43 No. of Claims : 20

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 26/09/2014

IMAGE DECODING DEVICE AND PROGRAM THEREFOR (51) International classification :H04N7/32 (71)Name of Applicant : **1)NIPPON TELEGRAPH AND TELEPHONE** (31) Priority Document No :2010220560 (32) Priority Date :30/09/2010 CORPORATION (33) Name of priority country Address of Applicant :3 1 Otemachi 2 chome Chiyoda ku :Japan (86) International Application No :PCT/JP2011/071342 Tokyo 1008116 Japan (72)Name of Inventor: Filing Date :20/09/2011 (87) International Publication No :WO 2012/043298 1)MATSUO Shohei (61) Patent of Addition to Application 2)BANDOH Yukihiro :NA Number 3)TAKAMURA Seishi :NA 4)JOZAWA Hirohisa Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : IMAGE ENCODING METHOD IMAGE DECODING METHOD IMAGE ENCODING DEVICE

(57) Abstract :

The present invention relates to performing optimization of a region in which a method of interpolating fractional precision pixels is switched and reducing residual energy of predictions between motion compensation screens by switching the interpolation method for each separated region. An image encoding device comprises: an encoding information acquiring unit that acquires encoding information for each block; a region classification unit that performs region classification in block units in response to the encoding information; a region separation redefinition processing unit that moves a region separation line in a horizontal direction a vertical direction or both directions thereof and determines the region separation line in which the density of the block belonging to the specified region classification is no less than a predetermined threshold value on the basis of the results of the region classification; an interpolation performing unit that performs interpolation of fractional precision pixels in the separated by the region separation line; an interpolation performing unit that performs interpolation of fractional precision pixels in the separation region units; an image encoding unit that encodes an image using predictions between motion compensation screens of fractional precision pixels that are the subject of the interpolated image; and a region classification information encoding unit that encodes information.

No. of Pages : 69 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :23/12/2013

(43) Publication Date : 26/09/2014

(51) International classification :H04N7/32 (71)Name of Applicant : (31) Priority Document No **1)PANASONIC CORPORATION** :61/657183 (32) Priority Date Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka :08/06/2012 (33) Name of priority country 5718501 Japan :U.S.A. (86) International Application No :PCT/JP2013/003452 (72)Name of Inventor : Filing Date :31/05/2013 **1)MATSUNOBU Toru** 2)NISHI Takahiro (87) International Publication No :WO 2013/183268 (61) Patent of Addition to Application 3)SHIBAHARA Youji :NA Number 4)SASAI Hisao :NA Filing Date 5)TANIKAWA Kyoko (62) Divisional to Application Number :NA 6)SUGIO Toshiyasu Filing Date :NA 7)TERADA Kengo

(54) Title of the invention : IMAGE ENCODING METHOD IMAGE DECODING METHOD IMAGE ENCODING DEVICE IMAGE DECODING DEVICE AND IMAGE ENCODING AND DECODING DEVICE

(57) Abstract :

An image encoding method according to the present invention includes a context arithmetic coding step (S511) that by means of context arithmetic coding that is arithmetic coding that uses a variable probability successively encodes (i) first information that indicates whether to perform sample adaptive offset (SAO) processing which is offset processing for a pixel value with respect to a first area of an image and (ii) second information that indicates for SAO processing with respect to the first area whether to use information from SAO processing with respect to an area different from the first area and a bypass arithmetic coding step (S512) that after the first information and second information have been encoded and by means of bypass arithmetic coding that is arithmetic coding that uses a constant probability encodes other information that is information for SAO processing with respect to the first area and is different from both the second information and the first information.

No. of Pages : 148 No. of Claims : 13

(21) Application No.10228/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/12/2013

(54) Title of the invention : IMPROVED CERAMIC IMPELLER WITH METALLIC HUB

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:F04D29/02 :2237/CHE/2011 :30/06/2011 :India :PCT/AU2012/000775 :02/07/2012 :WO 2013/000032 A1	2)GOVINDAN THANDAVA KRISHNAN Shrinivasan (72)Name of Inventor :
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/000032 A1 :NA :NA :NA :NA	(72)Name of Inventor : 1)RAO Ayyadevara Venkata Subba 2)GOVINDAN THANDAVA KRISHNAN Shrinivasan

(57) Abstract :

An impeller for a pump is described the impeller including: an impeller body formed from a ceramic material and including pumping vanes; an impeller hub formed from a metallic material; the impeller hub includes a central boss arranged to engage with a pump driveshaft wherein the hub further includes a series of projections which are spaced away from the axis of rotation of the hub and the projections engage with apertures in the impeller body; and wherein the projections and corresponding apertures are spaced away from the axis of rotation by a distance of no more than 70% of the radius of the impeller.

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

(19) INDIA

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CRIMP TERMINAL		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		 (71)Name of Applicant : 1)YAZAKI CORPORATION Address of Applicant :4 28 Mita 1 chome Minato ku Tokyo 1080073 Japan (72)Name of Inventor : 1)ONUMA Masanori 2)TAKEMURA Kousuke

(57) Abstract :

Multiple circular depressions (20) are provided to the inner surface (11R) of a conductive crimp unit (11) as serrations on the conductive crimp unit (11) in such a manner that the depressions (20) are scattered about separate from each other. Each depression (20) is formed into an ellipse (oval shape) which longitudinally faces the minor axis direction in the pre crimping state and the direction perpendicular to the longitudinal direction faces the major axis direction in such a manner that a shape close to a true circle is formed in the post crimping state.

No. of Pages : 32 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CRIMP TERM	MINAL	
 (54) Title of the invention : CRIMP TER. (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01R4/18 :2010175997 :05/08/2010 :Japan	 (71)Name of Applicant : 1)YAZAKI CORPORATION Address of Applicant :4 28 Mita 1 chome Minato ku Tokyo 1080073 Japan (72)Name of Inventor : 1)ONUMA Masanori 2)TAKEMURA Kousuke

(57) Abstract :

Disclosed is a crimp terminal (1) provided with a conductive crimp unit (3A) that has a base (4) and a swage unit (5) which extends from the sides of the base (4) and swages in such a manner that a conductor (20) on the base (4) is crimped. Circular serrations (10a 10b) are multiply provided to the inner surface of the conductive crimp unit (3A). The serrations (10a 10b) have different sizes according to region.

No. of Pages : 25 No. of Claims : 1

(19) INDIA

(22) Date of filing of Application :18/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CATHODE F	OR ELECTROLYSIS CI	ELLS
(51) International classification	-	(71)Name of Applicant :
(31) Priority Document No	:10 2010 041 082.9	1)SGL CARBON SE
(32) Priority Date	:20/09/2010	Address of Applicant :Shnleinstr. 8 65201 Wiesbaden
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/066315	(72)Name of Inventor :
Filing Date	:20/09/2011	1)BRUCH Christian
(87) International Publication No	:WO 2012/038422	2)HILTMANN Frank
(61) Patent of Addition to Application	•NT A	3)DAIMER Johann
Number	:NA	4)BANEK Manfred
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ale stress t.		

(57) Abstract :

Cathode for electrolytic cells Abstract The invention relates to a cathode (1) for an electrolytic cell used to extract aluminium from its oxide, exhibiting an underside (1g). According to the invention, the cathode (1) is provided with a number of pins (1f) for a current supply, wherein the pins contact the underside (1g) of the cathode (1) from below during operation in a current supplying manner.

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

(21) Application No.18/CHENP/2014 A

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:C03B23/24	(71)Name of Applicant :
(31) Priority Document No	:201110186356.5	1)LUOYANG LANDGLASS TECHNOLOGY CO. LTD.
(32) Priority Date	:05/07/2011	Address of Applicant :No.2 Peony Road Luolong Scientific &
(33) Name of priority country	:China	Technologic Park Luolong District Luoyang Henan 471000 China
(86) International Application No	:PCT/CN2011/078161	(72)Name of Inventor :
Filing Date	:09/08/2011	1)ZHAO Yan
(87) International Publication No	:WO 2013/004038	2)LI Yanbing
(61) Patent of Addition to Application	:NA	3)WANG Zhangsheng
Number	:NA :NA	4)SHI Jianbo
Filing Date	.INA	5)PANG Shitao
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alexture et :		1

(54) Title of the invention : VACUUM GLASS SEALING METHOD AND DEVICE

(57) Abstract :

Disclosed is a vacuum glass sealing method and a sealing device using the method. The sealing device comprises a bottom plate an annular side wall a cover plate a partition plate and a heating device wherein the lower end of the annular side wall (15) situated on the bottom plate and air tightly connected with the bottom plate; the cover plate (15) air tightly covered at the upper end of the annular side wall; the partition plate (15) arranged on the middle part of the height direction of the annular side wall; after the periphery of the partition plate (15) air tightly connected with the inner surface of the annular side wall the partition plate divides the space encircled by the bottom plate the annular side wall and the cover plate into a first closed space and a second closed space; and the two closed spaces are provided with an air extraction port for vacuumizing respectively.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No	:27/04/2012	 (71)Name of Applicant : 1)WRH Walter Reist Holding AG
Filing Date (87) International Publication No (61) Patent of Addition to Application	:WO 2013/013328	Address of Applicant :Arenenbergstrasse 6 CH 8272 Ermatingen Switzerland (72)Name of Inventor : 1)WIDMER Felix
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(54) Title of the invention : DEVICE FOR OBTAINING ELECTRICAL ENERGY FROM WATER POWER

(57) Abstract :

The invention relates to a system (1) for obtaining electrical energy from water power. The system (1) contains a drive arrangement (2) circulating around two deflection members (5 6) that are spaced apart from one another said drive arrangement being driveable by water power in a circulation direction (R) with a load section (4) running along a gradient. The drive arrangement (2) comprises a plurality of gravitational pressure transmission units (32) arranged one after another in the circulation direction (R) and spaced apart from one another each with a flow impingement member (8). The system (1) further comprises a generator (10) for obtaining electrical energy from the circulating drive arrangement (2). The invention is characterised in that the gravitational pressure transmission units (32) and the system (1) contains at least one guide rail (19) along the load section (4) guide elements (15) of the gravitational pressure transmission units (32) being movably arranged in said guide rail in such a manner that the gravitational pressure transmission units (32) are positively guided at least in the load section (4) area between the deflection members (5 6).

No. of Pages : 46 No. of Claims : 19

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : SELECTIVE GAS TRANSPORT FILMS THAT CONTAIN BROMINATED STYRENE BUTADIENE COPOLYMERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:61/507633 :14/07/2011 :U.S.A. :PCT/US2012/044294 :27/06/2012 :WO 2013/009468	 (71)Name of Applicant : 1)DOW GLOBAL TECHNOLOGIES LLC Address of Applicant :2040 Dow Center Midland MI 48674 U.S.A. (72)Name of Inventor : 1)MATTEUCCI Scott T. 2)BEACH Mark W. 3)MATTEUCCI Michal E.
	:WO 2013/009468 :NA :NA :NA :NA	,

(57) Abstract :

Brominated styrene butadiene copolymers are useful gas transport films. The gas transport films are made by brominating a starting styrene butadiene copolymer and then forming the brominated styrene butadiene copolymer into a film. The film may contain a blend of the brominated styrene butadiene copolymer with one or more other polymers. The films have excellent selectivities between certain pairs of gasses and exhibit high gas transport rates for various gasses such as carbon dioxide and water vapor.

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

(19) INDIA

(22) Date of filing of Application :18/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : COMPLIANT IMPLANT		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61F2/44 :61/384399 :20/09/2010 :U.S.A. :PCT/US2011/048343 :19/08/2011 :WO 2012/039865 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SYNTHES USA LLC Address of Applicant :1302 Wrights Lane East West Chester PA 19380 U.S.A. 2)SYNTHES GMBH (72)Name of Inventor : 1)HASSE Alexander 2)CAMPANILE Lucio Flavio 3)OVERES Tom 4)VOISARD Cyril 5)WYSS Eva Maria

(57) Abstract :

An implant extends along a central axis and includes first and second members spaced along the central axis. The implant can include a compliant interface. The compliant interface includes a plurality of spring members the plurality of spring members arranged to space apart the first member from the second member along the central axis.

No. of Pages : 24 No. of Claims : 27

(21) Application No.1955/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHODS FOR THE GENERATION OF MULTISPECIFIC AND MULTIVALENT ANTIBODIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07K16/00,C07K16/46 :61/374159 :16/08/2010 :U.S.A. :PCT/IB2011/002664 :16/08/2011 :WO 2012/023053 :NA :NA :NA :NA	 (71)Name of Applicant : 1)NOVIMMUNE S.A. Address of Applicant :14 Ch. des Aulx Plan les Ouates CH 1228 Geneva Switzerland (72)Name of Inventor : 1)FISCHER Nicolas 2)MAGISTRELLI Giovanni 3)GUENEAU Franck 4)RAVN Ulla 5)ELSON Greg
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(57) Abstract :

The invention provides novel bispecific monoclonal antibodies carrying a different specificity for each binding site of the immunoglobulin molecule and methods for producing novel bispecific monoclonal antibodies carrying a different specificity for each binding site of the immunoglobulin molecule. The antibodies are composed of a single heavy chain and two different light chains one containing a Kappa constant domain and the other of a Lambda constant domain. The invention provides methods for the isolation of antibodies of different specificities but sharing a common heavy chain. The invention also provides methods for the controlled co expression of two light chains and a single heavy chain leading to the assembly of monospecific and bispecific antibodies. The invention provides a mean of producing a fully human bispecific and bivalent antibody that is unaltered in sequence and does not involve the use of linkers or other non human sequences as well as antibody mixtures of two monospecific antibodies and one bispecific antibody.

No. of Pages : 81 No. of Claims : 42

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : A SWITCHING DEVICE AND A SWITCHGEAR

classificationH01H1/30,H01H31/00,H01H33/121)AH(31) Priority Document No:NAAd(32) Priority Date:NASwitze(33) Name of priority country:NA(72)Na(86) International Application:PCT/EP2011/0600561)ENNo:16/06/20113)SK(87) International Publication:WO 2012/1715694)HANo:TV:NO:STV	Name of Applicant : ABB TECHNOLOGY AG Address of Applicant :Affolternstrasse 44 CH 8050 Z¼rich zerland Name of Inventor : ENDRE Thor BJORTUFT Tom Rune SKRYTEN Pal Kristian HADLAND Havard IVETEN John Anders LOHNE Stanley
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(57) Abstract :

A switching device (102 104 106) for electric power distribution electrically connectable to an electrical conductor (114 116 118) the switching device comprising a breaker (126 128 130) electrically connectable to the electrical conductor and an at least partially electrically conductive housing (120 122 124) to which the breaker is mounted the housing having an outer surface (134). The breaker comprises at least one electrically conductive first contact (202) and one electrically conductive second contact (204) the second contact being movable and in relation to the first contact and in relation to the housing and when the first and second contacts are in contact the breaker is in a closed position and when the first and second contacts are separated the breaker is in an open position. The switching device is arranged to provide a current path between the breaker and the electrical conductor and the housing houses at least one guiding member (150 152) for operating the second contact (204) the at least one guiding member being movable in relation to the first contact (204) the at least one guiding member (150 152) for operating the second contact (204) the at least one guiding member being movable in relation to the housing assembly (151) arranged to bias the second contact against the first contact when the breaker is in the closed position. The biasing assembly comprises a plurality of biasing members (156 158) comprising a first biasing member (156) and a second biasing member (158). A switchgear for electric power distribution comprising at least one such switching device.

No. of Pages : 49 No. of Claims : 19

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : FLAME RETARDANT FIBERS YARNS AND FABRICS MADE THEREFROM

(62) Divisional to Application Number Filing Date (62) Divisional to Application :NA :NA		:PCT/US2011/052557 :21/09/2011 :WO 2012/040332 :NA :NA :NA	 (71)Name of Applicant : 1)INVISTA TECHNOLOGIES S.A R.L. Address of Applicant :Zweigniederlassumg St. Gallen Pestalozzistrasse 2 CH 9000 St. Gallen Switzerland (72)Name of Inventor : 1)SARZOTTI Deborah M. 2)SCHMITT Thomas E. 3)BRIGGS Andrew W.
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(57) Abstract :

Disclosed are technical fibers and yarns made with partially aromatic polyamides and non halogenated flame retardant additives. Fabrics made from such fibers and yarns demonstrate superior flame retardancy over traditional flame retardant nylon 6 6 fabrics. Further the disclosed fibers and yarns when blended with other flame retardant fibers do not demonstrate the dangerous scaffolding effect common with flame retardant nylon 6 6 blended fabrics.

No. of Pages : 32 No. of Claims : 26

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : IMPACT MODIFIED STYRENIC POLYMERS CONTAINING BROMINATED VINYL AROMATIC **BUTADIENE COPOLYMER**

(51) International classification	:C08L25/10.C08L55/02	(71)Name of Applicant :
(31) Priority Document No	:61/507633	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:14/07/2011	Address of Applicant :2040 Dow Center Midland MI 48674
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/044296	(72)Name of Inventor :
Filing Date	:27/06/2012	1)STOBBY William G.
(87) International Publication No	:WO 2013/009469	2)KRAM Shari L.
(61) Patent of Addition to Application	:NA	3)MORGAN Ted A.
Number	:NA	4)LAPHAM Michael
Filing Date	.11A	5)BEULICH Inken
(62) Divisional to Application Number	:NA	6)KING Bruce A.
Filing Date	:NA	

(57) Abstract :

Impact modified polystyrene resins such as HIPS and ABS resins are blended with a brominated vinyl aromatic butadiene copolymer. The brominated copolymer is an effective flame retardant in these compositions allowing in many cases a V 1 rating to be achieved in the UL 94 vertical burn test.

No. of Pages : 20 No. of Claims : 18

(21) Application No.16/CHENP/2014 A

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : GAS INSULATED DELTA TRANSFORMER

(57) Abstract :

An encapsulated delta transformer for medium to high voltages comprises a hermetically closed housing enclosing a volume a delta shaped transformer situated in the housing and a passageway for a fluid protruding through the housing wherein the volume enclosed by the passageway is in fluidal connection to an outside of the housing.

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

(19) INDIA

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : RESOURCE	PARTITIONING	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W72/04 :61/380079 :03/09/2010 :U.S.A. :PCT/US2011/050458 :03/09/2011 :WO 2012/031284 :NA :NA :NA :NA	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor : 1)YOO Taesang 2)MALLIK Siddhartha 3)LUO Tao

(57) Abstract :

Communication in a dominant interference scenario may be supported by performing inter cell interference coordination (ICIC). According to certain aspects of ICIC resource coordination/partitioning may be performed to allocate resources to a serving Node B located near the vicinity of a strong interfering Node B. The interfering Node B may avoid transmitting on the allocated/protected resources but transmissions from the interfering Node B on resources not allocated to the serving Node B (i.e. unprotected) may cause significant interference on cell specific reference signal (CRS) tones of the serving Node B. Therefore if the CRS tones of the unallocated/unprotected resources are used performance degradation may result to various operations of the serving Node B. Therefore certain aspects of the present disclosure provide techniques for a UE receiver in utilizing resource partitioning information (RPI) for performing CRS processing in a heterogeneous network (HetNet).

No. of Pages : 42 No. of Claims : 68

(21) Application No.2151/CHENP/2013 A

(19) INDIA(22) Date of filing of Application :18/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR INTERFERENCE MITIGATION IN WIRELESS NETWORKS (51) International classification :H04W36/00 (71)Name of Applicant : (31) Priority Document No **1)QUALCOMM INCORPORATED** :61/384163 (32) Priority Date Address of Applicant : Attn: International Administration 5775 :17/09/2010 (33) Name of priority country Morehouse Drive San Diego CA 92121 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/051829 (72)Name of Inventor: 1)JI Tingfang Filing Date :15/09/2011 (87) International Publication No :WO 2012/037399 2)SONG Osok (61) Patent of Addition to Application 3)DAMNJANOVIC Aleksandar :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Methods and apparatuses are provided that include mitigating interference for devices communicating with femto nodes or other low power base stations by assigning protected resources for communicating therewith. The protected resources can be negotiated with a macrocell base station using interference cancellation. The protected resources can be assigned based on an early or late handover event which can indicate that the device may be susceptible to interference from the macrocell base station.

No. of Pages : 49 No. of Claims : 42

(22) Date of filing of Application :20/03/2013

(54) Title of the invention : CONNECTOR HAVING NOISE REMOVAL CAPABILITY

(51) Internationalclassification(31) Priority DocumentNo	HUIKI3//19/,HUIKI3//193,HUIKI3/300	 (71)Name of Applicant : 1)YAZAKI CORPORATION Address of Applicant :4 28 Mita 1 chome Minato ku Tokyo 1088333 Japan
(32) Priority Date(33) Name of prioritycountry	:21/09/2010 :Japan	2)TOYOTA JIDOSHA KABUSHIKI KAISHA (72)Name of Inventor : 1)MIWA Takeya
(86) International Application No Filing Date	:PCT/JP2011/072303 :21/09/2011	2)HASEGAWA Tadashi 3)NAKASHIMA Takahito 4)KOBAYASHI Hiroshi
(87) International Publication No	:WO 2012/039510	5)MURAMATSU Saori
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

There is provided a connector capable of reducing deterioration of the noise removal capability by suppressing deformation of a ferrite. The connector includes: a housing which is provided with a plurality of connector fitting portions to be fitted in a plurality of mating connectors respectively; a plurality of terminals which are attached to the housing to project within the plurality of connector fitting portions respectively; a plurality of ferrites which remove noise generated from the plurality of terminals each ferrite being provided for the respective one of the connector fitting portions and having a through hole through which each of the plurality of terminals passes; and a plurality of pressing arms which are provided in the housing each pressing arm holding the respective one of the plurality of ferrites.

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

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : VIDEO IMAGE CODING METHOD VIDEO IMAGE DECODING METHOD VIDEO IMAGE CODING DEVICE VIDEO IMAGE DECODING DEVICE AND VIDEO IMAGE CODING DEVICE

(57) Abstract :

With a video image coding method with which processing efficiency is effected: first information among a plurality of types of Sample Adaptive Offset (SAO) information which is employed in SAO which is a process which applies an offset value to a pixel value of a pixel which is included in an image which is generated with coding of an input image is coded by context adaptive binary arithmetic coding in which a variable probability value is employed (S11); second information and third information among the plurality of types of SAO information are coded contiguously by bypass arithmetic coding in which a fixed probability value is employed (S12); and the coded second information and third information is positioned after the coded first information in a bitstream.

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

(19) INDIA

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SOCIAL BUSINESS TO BUSINESS MARKETPLACE 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 	:G06Q30/00 :61/370395 :03/08/2010 :U.S.A. :PCT/US2011/046492 :03/08/2011 :WO 2012/018957	 (71)Name of Applicant : 1)BALLUUN INC. Address of Applicant :1700 South Amphlett Boulevard Suite 240 San Mateo CA 94402 U.S.A. (72)Name of Inventor : 1)KOCH Peter 2)TSO David 	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA		

(57) Abstract :

A social business to business (B2B) marketplace and method are provided that provides a business to business network marketplace and facilitates social interactions between the participants in the plurality of B2B marketplace. The social business to business (B2B) network marketplace and method provide both public and private marketplaces and social interactions and allows to conduct business by ordering from storefront.

No. of Pages : 75 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :08/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : MARINE LOADING ARM WITH ACTUATORS CONSISTING OF ELECTRIC MOTORS (51) International classification :B67D9/02 (71)Name of Applicant : (31) Priority Document No **1)FMC TECHNOLOGIES SA** :0853349 (32) Priority Date Address of Applicant :ROUTE DES CLERIMOIS, 89100 :22/05/2008 (33) Name of priority country :France SENS France (86) International Application No :PCT/IB08/002685 (72)Name of Inventor : Filing Date :23/06/2008 **1)LE DEVEHAT. RENAUD** (87) International Publication No : NA 2)SYLARD, NICOLAS (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number Filed on :01/01/1900

(57) Abstract :

Marine loading arm with actuators consisting of electric motors A marine loading arm comprising at least one fluid transfer line having a line end fixed to a base (21) and a moveable line end provided with a coupling (26) adapted for connection to a target duct (35), the coupling having at least three degrees of freedom (A, B, C) relative to the base and at least one member of the group coupling / target duct or a member Immediately neighboring one at least of the members of the group coupling / target duct comprising at least one means (33,34) for providing Information on positioning of the coupling; and a control device (1) for the movement and positioning of the coupling (26), comprising at least three actuators (27, 28, 29) each for controlling the movement of the system in a degree of freedom, wherein each actuators consists of an electric motor and is provided at an articulation of the loading ami providing one of the degrees of freedom.

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

(21) Application No.2266/CHENP/2013 A

(22) Date of filing of Application :21/03/2013

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:2010290272 :27/12/2010 :Japan :PCT/JP2011/007081 :19/12/2011 :WO 2012/090427 :NA :NA :NA	 (71)Name of Applicant : 1)FURUKAWA ELECTRIC CO. LTD. Address of Applicant :2 3 Marunouchi 2 chome Chiyoda ku Tokyo 1008322 Japan (72)Name of Inventor : 1)UI Keisuke
Filing Date	:NA	

(54) Title of the invention : METHOD FOR PRODUCING OPTICAL FIBER

(57) Abstract :

(19) INDIA

Provided is a method for producing an optical fiber capable of preventing or reducing problems caused when forming a coating layer on a drawn optical fiber such as entrapment of bubbles in the coating layer or unevenness of the coating layer. The method according to one embodiment of the present invention comprises a step of delivering resin liquid from a resin supply hose (24) connected to a storage tank (23) to coating devices (4 6) and applying the resin liquid to an optical fiber in the coating devices (4 6) to form a coating layer. Said method comprises prior to the step of forming a coating layer steps (steps S31 S32) of delivering the resin liquid from the resin supply hose (24) to a cup (22) which is separate from the coating devices and measuring the delivery amount of the resin liquid and a step (step S33) of determining whether or not the measured delivery amount of the resin liquid is within a permissible range as a result of the determination conducts a step (step S34) of forming the coating layer.

No. of Pages : 33 No. of Claims : 3

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : A METHOD FOR CONTROLLING POWER FLOW WITHIN A WIND PARK SYSTEM CONTROLLER COMPUTER PROGRAM AND COMPUTER PROGRAM PRODUCTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02J3/04 :NA :NA :NA :PCT/EP2011/060249 :20/06/2011 :WO 2012/175110 :NA :NA :NA	 (71)Name of Applicant : 1)ABB TECHNOLOGY AG Address of Applicant :Affolternstrasse 44 CH 8050 Z¼rich Switzerland (72)Name of Inventor : 1)HOLMBERG Per 2)JIANG H"FNER Ying 3)JUHLIN Lars Erik
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(57) Abstract :

The invention relates to a method for controlling power flow within a wind park system (100) for power transmission to a main power grid (90) the wind park system (100) comprising two or more parallel connected island wind park grids. The method comprises the steps of: controlling a first voltage source converter (10) as a swing bus in frequency control the frequency control comprising controlling frequency to a steady state reference operating point for operating points within a power dead band and by means of frequency droop control when exceeding an end point of the power dead band and controlling at least a second voltage source converter (20) (30) (40) in power control the power control comprising controlling power flow to a steady state reference operating point for operating points within a frequency dead band and by means of power droop control when exceeding an end point of the frequency dead band. The invention also relates to controllers computer programs and computer program products.

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

(21) Application No.1425/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR ACCOMMODATING OVERLAPPING REFERENCE SIGNAL PATTERNS (51) International classification :H04L5/00,H04B7/15 (71)Name of Applicant : (31) Priority Document No :61/402113 **1)ALCATEL LUCENT** (32) Priority Date Address of Applicant :3 avenue Octave Grard F 75007 Paris :24/08/2010 (33) Name of priority country :U.S.A. France (86) International Application No 2)ALCATEL LUCENT TELECOM LTD. :PCT/US2011/048230 Filing Date :18/08/2011 (72)Name of Inventor : (87) International Publication No :WO 2012/027189 1)HU Teck (61) Patent of Addition to Application 2)BAKER Matthew :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present application describes embodiments of methods and apparatuses that may be used to accommodate different reference symbol patterns. One embodiment of the method includes identifying overlapping resource element(s) in a resource block by comparing a first pattern of resource elements associated with first reference symbols to a second pattern of resource elements associated with second reference symbols. This embodiment also includes transmitting the first and second reference symbols in the overlapping resource element(s) when first and second antenna ports allocated for transmission of the first and second reference symbols in the overlapping resource element(s) are the same. Transmission of the first reference symbol in the overlapping resource element(s) and the same are different.

No. of Pages : 23 No. of Claims : 19

(19) INDIA

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

(54) Title of the invention : SPLIT SOLE FOOTWEAR

(43) Publication Date : 26/09/2014

(51) International classification :A43B3/24,A43B9/02,A43B13/12 (71)Name of Applicant : (31) Priority Document No **1)GAVRIELI BRANDS LLC** :13/207397 (32) Priority Date :10/08/2011 Address of Applicant :269 S. Beverly Drive Suite 1402 (33) Name of priority country Beverly Hills CA 90212 U.S.A. :U.S.A. (86) International Application (72)Name of Inventor: :PCT/US2011/060662 **1)GAVRIELI Kfir** No :14/11/2011 Filing Date 2)GAVRIELI Dikla (87) International Publication :WO 2013/022466 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A shoe comprising an upper forming an interior portion for a foot the interior portion including toe and heel cavities is provided. The shoe further comprises a midsole having toe and heel ends and inner and outer sides. The midsole is stitched to the upper thereby forming a bottom to the interior portion. Heel and toe outsole patches are respectively stitched onto the midsole. An insole is affixed to the bottom of the interior portion. A spacing between the heel and toe outsole patches extends from the inner to the outer side and occupies a position intermediate the toe and heel ends thereby permitting the shoe to fold about an axis running through the spacing. The shoe folds between an extended state in which the shoe is worn and a folded state in which a portion of the upper comprising the toe cavity is tucked into the heel cavity.

No. of Pages : 63 No. of Claims : 78

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : RECOMBINANT FC FUSION PROTEIN OF THE FIFTH FIBRONECTIN TYPE III DOMAIN OF DCC

(51) International classification(31) Priority Document No	:G01N33/574 :10290459.6	 (71)Name of Applicant : 1)F. HOFFMANN LA ROCHE AG Address of Applicant :Grenzacherstrasse 124 CH 4070 Basel
(32) Priority Date	:26/08/2010	Switzerland
(33) Name of priority country	:EPO	2)NETRIS PHARMA
(86) International Application No	:PCT/EP2011/064733	-)
Filing Date	:26/08/2011	LUTTE CONTRE LE CANCER
(87) International Publication No	:WO 2012/025618	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)KLEIN Christian
Number	:NA	2)KOPETZKI Erhard
Filing Date	.1 (1 1	3)NIEDERFELLNER Gerhard
(62) Divisional to Application Number	:NA	4)BERNET Agnes
Filing Date	:NA	5)DELLOYE BOURGEOIS Celine
		6)MEHLEN Patrick

(57) Abstract :

The present invention relates to DCC fusion proteins nucleic acid molecules encoding the DCC fusion proteins as well as methods for their production and their use in treatment of cancer such as colorectal cancer. NSCLC and metastatic breast cancer. The present invention also relates to methods of treating cancer such as colorectal cancer NSCLC and metastatic breast cancer by administering DCC fusion proteins.

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

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : FOOL PROOF PANIC ALERT SYSTEM IN CELLULAR PHONES

(51) International classification	:G08B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMERICAN MEGATRENDS INDIA PRIVATE
(32) Priority Date	:NA	LIMITED
(33) Name of priority country	:NA	Address of Applicant :KUMARAN NAGAR, OFF: RAJIV
(86) International Application No	:NA	GANDHI SALAI (OMR), SEMMANCHERRY, CHENNAI - 600
Filing Date	:NA	119 Tamil Nadu India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MR. SRIDHARAN MANI
Filing Date	:NA	2)MR. GOWTHAM SHANMUKHAM
(62) Divisional to Application Number	:NA	3)MS. SIVAMBIGAI MUTHUSAMY
Filing Date	:NA	

(57) Abstract :

The integrated electronic apparatus includes a personal electronic device other than a personal alarm. The personal alarm is integrated with the electronic device. A battery is electrically connected to the device to power the personal electronic device and the personal alarm. The personal alarm identifies the panic situation from the shake of the personal electronic device. The algorithm in the personal electronic device helps the user to select the preferred shake pattern and store it in the device. The personal electronic device generates panic alarms only when the user performs the similar shake pattern that is stored in the device.

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

(22) Date of filing of Application :07/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : THERMOMEGASONIC DEAGGLOMERATION PROCESS AND REACTOR FOR THE CONVERSION OF COMPOUNDED HYDROCARBONS TO CRUDE OIL

 (51) International classification (31) Priority Document No (32) 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 :PCT/IN2010/000601 :09/09/2010 :WO 2012/032530 :NA	 (71)Name of Applicant : 1)VIJAY KUMAR Rajah Address of Applicant :S card Campus Seegehalli Main Road Virgonagar Post Bangalore 560049 Karnataka Karnataka India 2)BHARATHIMANGALAM RAMACHANDRAN Rajani (72)Name of Inventor : 1)VIJAY KUMAR Rajah 2)BHARATHIMANGALAM RAMACHANDRAN Rajani
(61) Patent of Addition to Application		<i>,</i>

(57) Abstract :

This invention relates to a method and device for converting compounded hydrocarbons that are originally produced from petroleum crude oil like commonly used plastics rubber and other industrial hydrocarbons into a form of crude oil called ViRa Crude oil that is similar to petroleum Crude oil by using a novel technique and device called Thermomegasonic Deagglomeration Reactor (TDR). The TDR is a novel process that comprises melting the compounded hydrocarbon at 500 1000° C applying high intensity megasonic waves to deagglomerate the molten compound and condensing the deagglomerated vapours to obtain the ViRa Crude Oil.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF CHLORINE USING A CERIUM OXIDE CATALYST IN AN **ISOTHERMIC 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 Filing Date 	:C01B7/04,B01J23/10 :11172623.8 :05/07/2011 :EPO :PCT/EP2012/062807 :02/07/2012 :WO 2013/004651 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred Nobel Str. 10 40789 Monheim Germany (72)Name of Inventor : SCHMIDT Timm WOLF Aurel SCHLTER Oliver Felix Karl WESTERMANN Thomas MONDELLI Cecilia PEREZ RAMIREZ Javier SOERIJANTO Hary SCHOM,,CKER Reinhard TESCHNER Detre SCHL-GL Robert
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(57) Abstract :

A process for the production of chlorine by thermo catalytic gas phase oxidation of hydrogen chloride gas with oxygen in the presence of a catalyst and separation of the chlorine from the reaction products comprising chlorine hydrogen chloride oxygen and water characterized in that a) a cerium oxide is used as catalytically active component in the catalyst and b) the reaction gases are converted at the cerium oxide catalyst in one or more isothermic reaction zones preferably in one or more tube bundle reactors wherein the molar O/HCl ratio is equal or above 0 75 in any part of the cerium oxide containing reaction zones.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : BIPOLAR NON PUNCH THROUGH POWER SEMICONDUCTOR 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 	:H01L29/06,H01L29/747,H01L29/87 :10180161.1 :27/09/2010 :EPO :PCT/EP2011/066740 :27/09/2011 :WO 2012/041836 :NA :NA	 (71)Name of Applicant : 1)ABB TECHNOLOGY AG Address of Applicant :Affolternstrasse 44 CH 8050 Z¼rich Switzerland (72)Name of Inventor : 1)VOBECKY Jan 2)RAHIMO Munaf
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A bipolar non punch through power semiconductor device is provided. It comprises a semiconductor wafer (2) and a first electrical contact on a first main side and a second electrical contact on a second main side. The wafer (2) comprises an inner region (22) with a wafer thickness (23) and a termination region (24) which surrounds the inner region (22) and in which the wafer thickness (23) is reduced at least on the first main side with a negative bevel. The semiconductor wafer (2) comprises at least a two layer structure with layers of different conductivity types: a drift layer (26) of a first conductivity type a first layer of a second conductivity type directly connected to the drift layer (26) on the first main side and contacting the first electrical contact which first layer extends to a first layer depth and a second layer of the second conductivity type which is arranged in the termination region (24) on the first main side up to a second layer depth. The second layer depth is larger than the first layer depth which first layer depth is at most 45 µm. The doping concentration of the second layer is lower than the doping concentration of the first layer.

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

(19) INDIA

(22) Date of filing of Application :05/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CONNECTING UNIT FOR HOOK WIPER ARM AND FLAT WIPER BLADE WITH THE SAME

(51) International classification	:B60S1/40,B60S1/38	(71)Name of Applicant :
(31) Priority Document No	:1020100089009	1)ADM21 CO. LTD
(32) Priority Date	:10/09/2010	Address of Applicant :607 Hakdang ri Cheongyang eup
(33) Name of priority country	:Republic of Korea	Cheongyang gun Chungcheongnam do 345 803 Republic of Korea
(86) International Application No	:PCT/KR2011/006663	(72)Name of Inventor :
Filing Date	:08/09/2011	1)KIM In Kyu
(87) International Publication No	:WO 2012/033365	2)NAM Kyung Jong
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(57) Abstract :

A connecting unit for separably connecting a flat wiper blade to a hook wiper arm is provided. The connecting unit has a bracket fixed to a frame of a flat wiper blade an adaptor pivotally mounted on the bracket and a cover pivotally attached to the adaptor. The adaptor and a linear section of a hook wiper arm are fixed via a first fixing element of the adaptor in a lateral direction of the linear section. The adaptor and a curved section of the hook wiper arm are fixed via a second fixing element of the adaptor and a third fixing element of the linear section. When a first locking element of the adaptor and a second locking element of the cover engage each other the third fixing element fixes the curved section relative to the second fixing element.

No. of Pages : 36 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :12/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : GASTRIC RESISTANT PHARMACEUTICAL OR NUTRACEUTICAL FORMULATION COMPRISING ONE OR MORE SALTS OF ALGINIC ACID

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K9/28 :2378/CHE/2010 :18/08/2010 :India :PCT/EP2011/055809 :13/04/2011 :WO 2012/022498 :NA :NA :NA :NA	 (71)Name of Applicant : 1)EVONIK R–HM GMBH Address of Applicant :Kirschenallee 64293 Darmstadt Germany (72)Name of Inventor : 1)BODINGE Shraddha Ashok 2)HAKSAR Priyanka Bansilal 3)GAWDE Seema Yashwant 4)PAGAR Hemant Karbhari 5)PETEREIT Hans Ulrich
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(57) Abstract :

The invention relates to a gastric resistant pharmaceutical or nutraceutical composition comprising a core comprising a pharmaceutical or nutraceutical active ingredient and a gastric resistant coating layer onto the core wherein the release of the pharmaceutical or nutraceutical active ingredient is not more than 15 % under in vitro conditions at pH 1.2 for 2 hours in medium according to USP with and without the addition of 40 % (v/v) ethanol wherein the gastric resistant coating layer comprises 10 to 100 % by weight of one or more salts of alginic acid with a viscosity of 30 to 720 cP of a 1 % aqueous solution.

No. of Pages : 84 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESS FOR PREPARING 3 CYANO 3 5 5 TRIMETHYLCYCLOHEXANONE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		 (71)Name of Applicant : 1)EVONIK DEGUSSA GMBH Address of Applicant :Rellinghauser Strae 1 11 45128 Essen Germany (72)Name of Inventor : 1)SCHWARZ Markus 2)MERKEL Andreas 3)NITZ Jrg Joachim 4)GRUND Gerda
Filing Date	:NA	

(57) Abstract :

The present invention relates to the preparation of 3 cyano 3 5 5 trimethylcyclohexanone (isophoronenitrile IPN for short) using a calcium alkoxide in particular calcium ethoxide as a catalyst.

No. of Pages : 22 No. of Claims : 24

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : GENERATION AND APPLICATION OF A SUB CODEBOOK OF AN ERROR CONTROL CODING CODEBOOK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H03M13/00,H03M13/19,H04J11/00 :NA :NA :NA :PCT/CA2010/001367 :02/09/2010 :WO 2012/027819 :NA :NA :NA	 (71)Name of Applicant : 1)MICROSOFT CORPORATION Address of Applicant :One Microsoft Way Redmond Washington 98052 7239 U.S.A. (72)Name of Inventor : 1)YU Dong Sheng 2)NIKOPOURDEILAMI Hosein 3)FONG Mo Han
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(57) Abstract :

There is provided a method of encoding and decoding data using an error control code having a codebook. The codebook is a sub codebook of a codebook. Each codeword g in the sub codebook G has an autocorrelation amplitude that is different from and higher than each correlation amplitude between g and each of the other codewords in the sub codebook. In one specific embodiment in which the codebook is that of a Reed Muller code using instead of reduces the likelihood of the presence of more than one maximum correlation amplitude when computing the non coherent decision metric during decoding.

No. of Pages : 48 No. of Claims : 30

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : STOMA LENGTH INDICATOR ASSEMBLY AND POSITIONING 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 	:A61J15/00 :61/386793 :27/09/2010 :U.S.A. :PCT/IB2011/054252 :27/09/2011 :WO 2012/042474 :NA :NA	 (71)Name of Applicant : 1)KIMBERLY CLARK WORLDWIDE INC. Address of Applicant :2300 Winchester Road Neenah Wisconsin 54956 U.S.A. (72)Name of Inventor : 1)BAKER Andrew T. 2)STADELMAN Jennifer S. 3)JACKSON Dwayne J K 4)RANGANATHAN Sridhar 5)SCHODD De Winchester
(61) Patent of Addition to Application Number Filing Date	•= •= =	3)JACKSON Dwayne J K 4)RANGANATHAN Sridhar 5)SCHORR Phillip A.
(62) Divisional to Application Number Filing Date	:NA :NA	6)TAKEUCHI James M.

(57) Abstract :

An indicator assembly for use with a non vascular catheter device The indicator assembly includes: a first retainer secured to a catheter tube the first retainer being an indwelling retainer which is deployed within a non vascular lumen or cavity of the body; a second retainer secured to the catheter tube the second retainer deployed outside the human body; and an indicator located outside the body on the catheter tube between the first retainer and the second retainer. The first retainer and the second retainer are configured to maintain substantially the same position with respect to each other on the tube and the indicator is configured to signal a change in position with respect to either the first or the second retainer thereby indicating a change in the length of a stoma.

No. of Pages : 38 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 26/09/2014

(51) International classification	:A61B5/04	(71)Name of Applicant :
(31) Priority Document No	:61/370822	1)LEV EL DIAGNOSTICS OF HEART DISEASE LTD.
(32) Priority Date	:05/08/2010	Address of Applicant : P.O. Box 357 Kibbutz Shefayim
(33) Name of priority country	:U.S.A.	6099000 Israel
(86) International Application No	:PCT/IL2011/000626	(72)Name of Inventor :
Filing Date	:03/08/2011	1)LEVITAN Jacob
(87) International Publication No	:WO 2012/017432	2)KOBO Roi
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1 1/ 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : METHOD FOR MEASURING HEART RATE VARIABILITY

(57) Abstract :

A system for measuring heart rate variability (HRV) comprising 3 sub systems: a data collection sub system a data analysis sub system and an output sub¬ system. A patient is connected to a heart monitoring device such as an ECG and the data collection sub system records the patient s heart beats and an ECG chart is produced from which the patient s HRV value is derived by the data analysis sub system. The present invention obtains the HRV value through calculation of a new parameter called relative density (RD). In accordance with the inventive method data points are generated from the peak interval data of measured heart beats and the HRV relative density parameter (RD) is calculated by correlation between two subsets of data points.

No. of Pages : 29 No. of Claims : 17

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : EGG STORAGE CONTAINER AND REFRIGERATOR EQUIPPED WITH SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F25D23/04 :2011127694 :07/06/2011 :Japan :PCT/JP2012/064541 :06/06/2012 :WO 2012/169519 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SHARP KABUSHIKI KAISHA Address of Applicant :22 22 Nagaike Cho Abeno Ku Osaka Shi Osaka 5458522 Japan (72)Name of Inventor : 1)HASEGAWA Yuya
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(57) Abstract :

An egg storage container (30) in which multiple holes (51) for holding eggs (E) are formed with the holes (51) being provided at a height of 57 mm or greater with respect to the mounting surface.

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

(12) PATENT APPLICATION PUBLICATION		(21) Application No.2137/CHENP/2013 A	
(19) INDIA			
(22) Date of filing of Application :15/03/	/2013	(43) Publication Date : 26/09/2014	
(54) Title of the invention : FIRE RESISTANT TEXTILE SLEEVE AND METHODS OF CONSTRUCTION THEREOF AND PROVIDING FIRE PROTECTION 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 (62) Divisional to Application Number Filing Date 	:F16L11/12,F16L57/04 :12/856919 :16/08/2010 :U.S.A. :PCT/US2011/047822 :16/08/2011 :WO 2012/033609 :NA :NA :NA :NA	 (71)Name of Applicant : 1)FEDERAL MOGUL POWERTRAIN INC. Address of Applicant :26555 Northwestern Highway Southfield MI 48033 U.S.A. (72)Name of Inventor : 1)CHEN Ming Ming 	

(57) Abstract :

A textile sleeve (10) constructed in accordance with one aspect of the invention provides fire protection to an oil or fuel fluid conveying conduit and meets the AS 1055 Class A protection requirements at a zero flow rate and the AS 1055 Class B protection requirements at a zero flow rate. The textile sleeve includes a single tubular textile wall (14) formed from at least one of the group consisting of basalt silica ceramic and fiberglass yarn. The wall has an outer surface (18) and an inner surface (20) bounding a cavity (22) sized for receipt of the fluid conveying conduit (12). A coating of silicone rubber is adhered to the outer surface of the wall and a flame retardant additive is mixed with the silicone rubber to form a coating composition. The flame retardant additive is selected from the group consisting of at least one of zinc borate magnesium hydroxide and aluminum hydroxide.

No. of Pages : 11 No. of Claims : 19

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : SUBSTITUTED AMIDE COMPOUND

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International PCT/JP2011/071635 (22/09/2011 (87) International PUblication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (63) Divisional to Application Number Filing Date (64) Divisional to Application Number (65) Divisional to Application Number (75) Divisional to Application Number 	ku (72 1)	 71)Name of Applicant : 1)Astellas Pharma Inc. Address of Applicant :3 11 Nihonbashi Honcho 2 chome Chuo u Tokyo 1038411 Japan 72)Name of Inventor : 1)KAWAMINAMI Eiji 2)TAKAHASHI Tatsuhisa 3)KANAYAMA Takatoshi 4)SAKAMOTO Kazuyuki
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(57) Abstract :

The present invention provides a substituted amide compound such as a compound represented by formula AA which is useful as an active ingredient of a pharmaceutical composition especially as an active ingredient of a pharmaceutical composition for the treatment of diseases that are caused by lysophosphatidic acid (LPA). This compound has excellent LPA receptor antagonist activity.

No. of Pages : 55 No. of Claims : 7

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : MAGNETOMECHANICAL MARKERS FOR MARKING STATIONARY ASSETS

(51) International classification	:G01V3/08,F16L1/11	(71)Name of Applicant :
(31) Priority Document No	:12/888272	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:22/09/2010	Address of Applicant :3M Center Post Office Box 33427 Saint
(33) Name of priority country	:U.S.A.	Paul Minnesota 55133 3427 U.S.A.
(86) International Application No	:PCT/US2011/051786	(72)Name of Inventor :
Filing Date	:15/09/2011	1)DOANY Ziyad H.
(87) International Publication No	:WO 2012/040035	2)DOWDLE Dean M.
(61) Patent of Addition to Application	:NA	3)HAMERLY Michael E.
Number		4)EGBERT William C.
Filing Date	:NA	5)JOYCE Terrence H. Jr.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alestres et :		1

(57) Abstract :

An article system and method related to a magnetomechanical marker used to mark stationary assets. Magnetomechanical markers can be arranged in clusters and associated with stationary assets including assets buried underground. Markers can be associated with an asset by being attached to the asset arranged in a particular spatial relationship with the asset or in any other appropriate way. A portable locating device can be used to generate an alternating magnetic field to activate the magnetomechanical marker and thus locate the asset.

No. of Pages : 31 No. of Claims : 30

(21) Application No.2140/CHENP/2013 A

(22) Date of filing of Application :18/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : RUBBER COMPOSITION FOR WATER HOSE AND WATER HOSE OBTAINED USING SAME

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F16L11/04,C08K3/34,C08K9/04 :2010218675 :29/09/2010 :Japan :PCT/JP2011/068930 :23/08/2011 :WO 2012/043097 :NA :NA :NA	 (71)Name of Applicant : 1)TOKAI RUBBER INDUSTRIES LTD. Address of Applicant :1 Higashi 3 chome Komaki shi Aichi 4858550 Japan (72)Name of Inventor : 1)HIRAI Ryo 2)IKEMOTO Ayumu
· / · · · · · · · · · · · · · · · · · ·	:NA :NA	

(57) Abstract :

An object is to provide a rubber composition for water-system hose, the composition being capable of affording a water-system hose which achieves reduction of basis weight of materials derived from fossil fuel per unit weight, is low cost, thin, and light in weight, and generates no thickness deviation (fold lump). The composition is a rubber composition for water-system hose, including the following ingredients (A), (B) and (C): (A) an ethylene-propylene rubber; (B) an ethylene-octene resin; and (C) a clay, wherein the melt flow rate (MFR) of the ingredient (B) at a temperature of 190°C and a load of 2.16 kg is 1.0 g/10 minutes, the density thereof is 0.870 to 0.908 g/cm3, and wherein a pH of the ingredient (C) is 5.5 or more, and the average particle diameter thereof is $3.5 \mbox{im or more.}$

No. of Pages : 31 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :18/03/2013

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H02J3/18,H02P9/00 :10 2011 008 615.3 :14/01/2011 :Germany :PCT/EP2011/072832	 (71)Name of Applicant : 1)REpower Systems SE Address of Applicant :berseering 10 22297 Hamburg Germany (72)Name of Inventor : 1)LETAS Heinz Hermann
(80) International Application No Filing Date (87) International Publication No	:14/12/2011 :WO 2012/095233	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : CONTROL CIRCUIT AND METHOD FOR CONVERTERS OF WIND TURBINES

(57) Abstract :

The invention relates to a method for controlling a con¬verter (4) of a wind turbine, the converter being connected to a rotor (32) of a doubly fed asynchronous generator (3) in order to feed electrical energy into an electric network (9), wherein the converter (4) comprises a network-side in¬verter (41), a generator-side inverter (42), and a control¬ler (5), which outputs target values for demanded reactive power to at least one of the inverters (41, 42). According to the invention, a reactive power target signal is deter¬mined for the portion that the network-side inverter (41) contributes to the demanded reactive power QT, a slip sig¬nal (s) is determined from the frequency of the network (9) and the rotational speed of the generator (3), a gain value is calculated according to the slip signal, and the gain value is modified according to the reactive power target signal for the network-side inverter. The distribution of the reactive power between the two inverters is thus opti¬mized over a wide operating range, not only at individual predetermined operating points as in the prior art. The in¬vention further relates to a wind turbine having a corre-spondingly designed converter controller.

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

(22) Date of filing of Application :21/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : LUBRICANT OIL COMPOSITION FOR COMPRESSION REFRIGERATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:201021/91/ :28/09/2010 :Japan :PCT/JP2011/072162 :28/09/2011 :WO 2012/043617	 (71)Name of Applicant : 1)IDEMITSU KOSAN CO.LTD. Address of Applicant :1 1 Marunouchi 3 chome Chiyoda ku Tokyo 1008321 Japan (72)Name of Inventor : 1)MATSUMOTO Tomoya
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(57) Abstract :

Provided is a lubricant oil composition for a compression refrigerator in which at least one organic compound having a double bond in the molecule thereof is contained in a base oil wherein the at least one organic compound is selected from an organic compound having at least two non conjugated double bonds in the molecule a terpene compound having a double bond in the molecule and an aliphatic unsaturated hydrocarbon having one double bond in the molecule and having 12 30 carbon atoms. The lubricant oil composition exhibits excellent thermal and chemical stability when used in a compression refrigerator that utilizes a saturated fluorinated hydrocarbon cooling medium having a fewer carbon atoms and having a lower global warming potential.

No. of Pages : 70 No. of Claims : 18

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

(43) Publication Date : 26/09/2014

(51) International classification :G01M1/38 (71)Name of Applicant : (31) Priority Document No 1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI :2010218651 (32) Priority Date Address of Applicant :2 1 Toyoda cho Kariya shi Aichi :29/09/2010 (33) Name of priority country 4488671 Japan :Japan (86) International Application No :PCT/JP2011/069747 (72)Name of Inventor : Filing Date :31/08/2011 1)KATAOKA Narivuki (87) International Publication No :WO 2012/043121 2)KOYAMA Tetsuya (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : IMBALANCE CORRECTION METHOD AND IMBALANCE CORRECTION AMOUNT CALCULATION DEVICE FOR ROTOR

(57) Abstract :

An imbalance correction method by which the imbalance of a rotor is corrected measures the vibration state of the rotor before temporary correction and the vibration state of the rotor after the temporary correction in a plurality of rotational speeds within a determined rotational speed range in order to make vibration values within the determined rotational speed range below the standard (S1 S3). An aggregation range of the tips of correction vectors for obtaining a vibration value which satisfies a vibration standard is calculated for each of the rotational speeds from vibration vectors in the rotational speeds (S4). A real correction vector is selected from correction vectors having the tips in a region in which the aggregation ranges calculated for each of the rotational speeds overlap one another among a plurality of the correction vectors. A real correction amount and a real correction phase are set on the basis of the real correction vector (S5). The imbalance of the rotor is corrected on the basis of the real correction amount and the real correction phase (S6).

No. of Pages : 51 No. of Claims : 7

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : DRUG DELIVERY DEVICE AND CARTRIDGE TO BE INTERCONNECTED 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 N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/EP2012/064154 :19/07/2012	 (71)Name of Applicant : 1)SANOFI AVENTIS DEUTSCHLAND GMBH Address of Applicant :Br¹/₄ningstrasse 50 65929 Frankfurt am Main Germany (72)Name of Inventor : 1)HOPPE Hendrik 2)JOSEF Clemens
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(57) Abstract :

The present invention relates to a drug delivery device for setting and dispensing a dose of a medicament comprising: a body (12) to accommodate a drive mechanism (25) having a piston rod (27) a cartridge (30) having a barrel (32) sealed by a piston (42) slidably displaced therein along an axial direction (11 13) wherein the cartridge (30) is directly connectable with the body (12) by way of an interface (48) and wherein the barrel (32) comprises at least one radially extending portion (34 46) at its outer periphery to cooperate with at least one further functional component (18; 30) of the device.

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

(21) Application No.2050/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEM AND METHOD OF IMPROVING CIRCUIT SWITCHED FALLBACK PERFORMANCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/382702 :14/09/2010 :U.S.A. :PCT/US2011/051636 :14/09/2011 :WO 2012/037280 A1 :NA :NA	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor : 1)RAMACHANDRAN Shyamal 2)KLINGENBRUNN Thomas
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(57) Abstract :

Circuit switched fallback CSFB is a technique to deliver voice services to a mobile when the mobile is camped in a long term evolution LTE network. This may be required when the LTE network does not support voice services natively. If a user makes a mobile originating MO call or receives a mobile terminating MT call the UE may inform the LTE network that the UE is leaving for the call by initiating a call setup procedure (502). However there may be instances where the call setup procedure may fail. For example the UE may not be moved to the 1x network or the UE may be moved to the 1x network but the call may fail there. If the call setup procedure was either not initiated or was initiated but failed the UE may determine to search (504) for a suitable CS RAT/cell on its own without instructions/commands from the network. Therefore certain aspects of the present disclosure provide techniques for the UE to find CS services based on information collected at the UE.

No. of Pages : 35 No. of Claims : 64

(22) Date of filing of Application :25/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MOBILE TELEPHONE HOSTED MEETING CONTROLS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04L12/18,H04W88/02,G06F15/16 :12/896926 :04/10/2010 :U.S.A. :PCT/US2011/049472 :28/08/2011 ⁿ :WO 2012/047407 :NA :NA	 (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)VERTHEIN William George 2)BARKLEY Warren Vincent
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Technologies are described herein for controlling components associated with a room using a mobile phone. A gateway is configured to receive a command from a mobile phone. Upon receiving the command the gateway determines whether the command is a room command or a presentation command. If the command is a room command the gateway causes the room component to respond to the room component. If the command received is a presentation command the gateway causes the presentation component to respond to the presentation command. A user may input commands to the mobile phone by making gestures with or on a screen of the mobile phone by utilizing phone keys of the mobile phone or by interacting with user interface controls displayed on the mobile phone.

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

(22) Date of filing of Application :25/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MULTIPLE ACCESS LEVEL LOCK 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 Filing Date 	h :G06F21/20,G06F3/041,G06F3/14 :12/897586 :04/10/2010 :U.S.A. :PCT/US2011/049614 :29/08/2011 :WO 2012/047412 :NA :NA :NA	 (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)WILAIRAT Weerapan
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(57) Abstract :

A multiple access level lock screen system allows different levels of functionality to be accessed on a computing device. For example when a device is in a locked state a user can select (e.g. by making one or more gestures on a touchscreen) a full access lock screen pane and provide input that causes device to be fully unlocked or a user can select a partial access lock screen pane and provide input that causes (e.g. particular applications attached devices documents etc.) to be accessible. Lock screen panes also can be selected (e.g. automatically) in response to events. For example when a device is in locked state a messaging access lock screen pane that causes only a messaging application to be accessible.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : MOBILE TERMINAL DEVICE AND DISPLAY METHOD FOR TOUCH PANEL IN MOBILE TERMINAL DEVICE

(51) International classification:G06F3/041,G06F3/0488,H04M1/2(31) Priority Document No (32) Priority Date:2010230309(32) Priority Date:13/10/2010(33) Name of priority country:Japan(86) International Application No Filing Date:PCT/JP2011/071068(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2012/049942(87) International Filing Date:NA :NA :NA(62) Divisional to Filing Date:NA :NAFiling Date:NA :NA	 (71)Name of Applicant : (71)NEC CASIO Mobile Communications Ltd. Address of Applicant :1753 Shimonumabe Nakahara ku Kawasaki shi Kanagawa 2118666 Japan (72)Name of Inventor : 1)NAKAMURA Keigo
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(57) Abstract :

To improve the operability of a touch panel that can be operated in a mobile terminal device by causing the touch panel to display a screen in the form appropriate to the way of holding the device. Touch sensors provided on upper lower right and left side surfaces of the mobile terminal device detect the contact state of a hand gripping the mobile terminal device. A holding form determining unit then determines how the mobile terminal device is held on the basis of the number and size of contact areas where the touch sensors have been detecting the contact state. Furthermore a display screen generating unit generates a display screen according to the holding form determining unit and causes a display unit of the touch panel to display the display screen.

No. of Pages : 50 No. of Claims : 11

(19) INDIA

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

(54) Title of the invention : METHOD AND APPARATUS FOR ADAPTIVE TRANSCODING OF MULTIMEDIA STREAM

 (51) International classification (31) Priority Document No (32) Priority Date (02/09/2011 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (61) Patent of Addition (62) Divisional to (63) Number Filing Date (64) Patent of Addition (65) Divisional to (66) Divisional to (7) Date (7) Divisional to <	 (71)Name of Applicant : 1)THOMSON LICENSING Address of Applicant :1 5 rue Jeanne dArc F 92130 Issy les Moulineaux France (72)Name of Inventor : 1)DELAUNAY Christophe 2)HOUDAILLE Rmi 3)GOUACHE Stphane 4)BEL HADJ ALI Habib
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(57) Abstract :

A method of streaming an output content stream adaptively transcoded from a corresponding input content stream includes offering to a client device a number of alternative versions of the output content stream for selection by the client device and dividing the input content stream into two or more segments. Prior to the offering step at least a first segment of the input content stream is transcoded into at least one corresponding segment of an output content stream corresponding to at least one version from the number of alternative versions offered to the client device. Upon receiving a request from the client device for a selected version of the output content stream streaming is begun with using a first one of the at least one corresponding segments of an output content stream streaming is begun with using a first one of the at least one corresponding segments of an output content stream corresponding to at least one version from the number of alternative versions offered to the client device that had been transcoded and stored prior to offering. Transcoding parameters are extracted from the request for controlling the transcoding of a subsequent segment of the input content stream into the version selected by the client device and the subsequent segment transcoded into the requested version is streamed to the client.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : MEDICATED MODULE WITH INTEGRAL FLOW DISTRIBUTION SYSTEM FOR INJECTION 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 	:PCT/EP2011/064505 :24/08/2011 :WO 2012/025550 :NA :NA	 (71)Name of Applicant : 1)SANOFI AVENTIS DEUTSCHLAND GMBH Address of Applicant :Br¹/₄ningstrae 50 65929 Frankfurt Germany (72)Name of Inventor : 1)KHN Bernd 2)WAGNER Daniel
Number Filing Date	:NA :NA	

(57) Abstract :

A primary package (1) for simultaneously dispensing microdoses of from 5 to 500 microliters of one medicament contained in a medicated module (4) and another medicament contained in an attached injection system (7) is disclosed where the primary package (1) contains a single dose of medicament contained within a reservoir cavity (3) sealed with closure caps (5 6) that secure top and bottom septa (15 16).

No. of Pages : 52 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 26/09/2014

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(51) International classification	:C07D301/32	(71)Name of Applicant :
(31) Priority Document No	:12/924457	1)LYONDELL CHEMICAL TECHNOLOGY L.P.
(32) Priority Date	:28/09/2010	Address of Applicant :1221 McKinney Suite 700 One Houston
(33) Name of priority country	:U.S.A.	Center Houston TX 77010 U.S.A.
(86) International Application No	:PCT/US2011/053654	(72)Name of Inventor :
Filing Date	:28/09/2011	1)SAWYER Gary A.
(87) International Publication No	:WO 2012/050885	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : PURIFICATION OF PROPYLENE OXIDE

(57) Abstract :

The invention is a method of purifying propylene oxide containing acetone water methanol methyl formate aldehydes and hydrocarbons impurities. The method comprises contacting the propylene oxide with a glycol and a C or greater alkane in a liquid/liquid solvent extraction and separating propylene oxide having reduced impurities content. The purified propylene oxide may be produced by reacting propylene and a hydroperoxide to produce a crude propylene oxide effluent distilling the crude effluent to produce a propylene oxide stream which contains 1 5 weight percent of the impurities contacting the propylene oxide stream with a glycol and a C or greater alkane in a liquid/liquid solvent extraction then separating an alkane fraction comprising propylene oxide from a glycol fraction and distilling the alkane fraction in one or more steps to produce an alkane bottoms stream and a propylene oxide product having less than 0.1 weight percent impurities.

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

(19) INDIA

(22) Date of filing of Application :08/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : A NEW CLA	SSIFIER FOR THE MOI	LECULAR CLASSIFICATION OF MULTIPLE MYELOMA
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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 :11173971.0 :14/07/2011 :EPO	 (71)Name of Applicant : ERASMUS UNIVERSITY MEDICAL CENTER ROTTERDAM Address of Applicant :Dr. Molewaterplein 50 NL 3015 GE Rotterdam Netherlands (72)Name of Inventor : KUIPER Rowan SONNEVELD Pieter

(57) Abstract :

The present invention is in the field of molecular diagnostics and relates to a method for classifying samples obtained from patients diagnosed with multiple myeloma into three newly defined clusters. The invention also relates to a method for determining the prognosis of an individual diagnosed with multiple myeloma as well as a method for the prediction of the response to treatment of an individual diagnosed with multiple myeloma. More in particular the invention provides a method for determining the disease outcome or the prognosis of a patient diagnosed with multiple myeloma by classifying said patient into a high risk or a low risk category based on a 92 gene classifier.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : WORKING CHAMBER SYSTEM FOR THE SURFACE TREATMENT OF WORKPIECES		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B05B15/12,B24C9/00, :10 2011 051 168.7 :17/06/2011 :Germany :PCT/DE2012/100172 :06/06/2012 :WO 2012/171525	 (71)Name of Applicant : 1)WHEELABRATOR GROUP GMBH Address of Applicant :Heinrich Schlick Strasse 2 48629 Metelen Germany (72)Name of Inventor : 1)BUSSKAMP Bernhard
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A working chamber system for the surface treatment of workpieces comprises at least one tightly closable working chamber (101) a frame like workpiece holder (10 20 30) which is displaceable on a guide rail between a mounting position outside the working chamber (101) and a working position in the working chamber (101) and a manipulator which as seen in plan view is arranged next to the group of parallel guide rails within the working chamber (101). At least one of the workpiece holders (10 20 30) has an external frame (11 21 31) via which it is guided in the guide rails and an internal frame (12 22 32) which is surrounded by the external frame (11 21 31) in a transporting position and which is displaceable into a position outside the main plane of the external frame (11 21 31) in the mounting position and/or the working position.

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

(19) INDIA

(22) Date of filing of Application :15/03/2013

:NA

(43) Publication Date : 26/09/2014

(54) Title of the invention : SECURE REGISTRATION TO A SERVICE PROVIDED BY A WEB SERVER

(51) International classification :H04L9/32,G06F21/00,H04L29/06 (71)Name of Applicant : (31) Priority Document No :1057352 **1)ALCATEL LUCENT** (32) Priority Date :15/09/2010 Address of Applicant :3 avenue Octave Grard F 75007 Paris (33) Name of priority country :France France (86) International Application (72)Name of Inventor : :PCT/EP2011/065914 **1)JOUBERT Eric** No :14/09/2011 Filing Date 2)LU Monique (87) International Publication :WO 2012/035051 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number

(57) Abstract :

Filing Date

To control a secure registration to a service provided by a web server from a communication terminal (TC) the web server (SW) stores a code generated dynamically in correspondence with the IP address of the terminal (TC) and transmits a message containing the code (CodC) to an electronic messaging address. This address is provided by the user following a connection of the terminal to the web server. The server transmits to the terminal an application (App) able to generate an automated test so as to distinguish computers from humans. The response provided by the user is encrypted with the IP address of the terminal and the code contained in the message transmitted to the electronic messaging address and is transmitted directly by the application to the server which decrypts it and compares it with an expected response so as to authorize access to the web server if the decrypted response corresponds to the expected response.

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

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 26/09/2014

(51) International classification	:B60S3/00	(71)Name of Applicant :
(31) Priority Document No	:13/178032	1)CAJIGA Jose
(32) Priority Date	:07/07/2011	Address of Applicant :220 Cape Florida Drive Keybiscayne
(33) Name of priority country	:U.S.A.	Florida 33149 U.S.A.
(86) International Application No	:PCT/US2012/042214	2)VILLAR Arturo Cajiga
Filing Date	:13/06/2012	3)VILLAR Vicente Cajiga
(87) International Publication No	:WO 2013/006249	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)CAJIGA Jose
Number	:NA :NA	2)VILLAR Arturo Cajiga
Filing Date	.INA	3)VILLAR Vicente Cajiga
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : MOBILE FUEL DISTRIBUTION STATION

(57) Abstract :

A modular environmentally friendly mobile fuel distribution station includes a fuel tank a support structure having a plurality of legs for supporting an operation platform in an elevated position a predetermined distance above ground an alternative power generation device the alternative power generation device being one of a solar power generator and a wind power generator for providing primary power to the mobile fuel distribution station and a central platform operatively connected to at least two of the legs the at least two of the legs bearing the weight of the central platform wherein the fuel tank and the alternative power generation device are disposed on the operation platform.

No. of Pages : 73 No. of Claims : 19

(22) Date of filing of Application :18/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MIXTURES COMPRISING AMINOALKYL CONTAINING POLYORGANOSILOXANES AND SILICONE RESINS

(57) Abstract :

The invention relates to polyorganosiloxane silicone resin mixtures (M) comprising 1) 100 parts by weight of one or more liquid aminoalkyl containing polyorganosiloxanes (P) comprising at least 80 mol% of units selected from units of the general formulae la lb II and III RSiO (la) RRSiO (lb) RSiO (II) RRSiO (III) where R to R a and b are each as defined in Claim 1 wherein in the polydimethylsiloxanes (P) the average ratio of the sum of units of the general formulae la and lb to the sum of units of the general formulae II and III is in the range from 0.5 to 500 the average ratio of units II to III being in the range from 1.86 to 100 and the polydimethylsiloxanes (P) have an average amine number of at least 0.01 mequiv/g 2) at least 1 part by weight of one or more silicone resins (S) defined in Claim 1 and 3) at most 5 parts by weight of water.

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

(19) INDIA

(22) Date of filing of Application :21/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : IMAGE FORMING APPARATUS			
 (51) International classification (31) Priority Document No (32) Priority Date (22) Number of the second s	:2010225218 :04/10/2010	 (71)Name of Applicant : 1)CANON KABUSHIKI KAISHA Address of Applicant :30 2 Shimomaruko 3 chome Ohta ku 	
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:Japan :PCT/JP2011/073163 :30/09/2011 :WO 2012/046823	Tokyo 1468501 Japan (72)Name of Inventor : 1)ITO Yoshikuni 2)HORIGUCHI Yasuhiro	
 (61) Patent of Addition to Application Number Filing Date (1) Filing Late 	:NA :NA	3)TANAKA Takayuki 4)KARASHIMA Kenji 5)TSURUYA Satoshi	
(62) Divisional to Application Number Filing Date	:NA :NA	6)NISHIDA Shinichi 7)FUJINO Takeshi	

(57) Abstract :

An image forming apparatus sequentially transfers toner images formed on a plurality of photosensitive drums onto an intermediate transfer member or a transfer material to form an image. The image forming apparatus includes an intermediate transfer belt provided with electrical conductivity and a power supply for applying a voltage to a secondary transfer roller to pass a current from the secondary transfer roller to the plurality of photosensitive drums via the intermediate transfer belt thus primarily transferring the toner images from the plurality of photosensitive drums onto the intermediate transfer belt.

No. of Pages : 72 No. of Claims : 40

(19) INDIA

(22) Date of filing of Application :21/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : GAS FUEL INJECTION VALVE			
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		 (71)Name of Applicant : 1)KEIHIN CORPORATION Address of Applicant :26 2 Nishishinjuku 1 chome Shinjuku ku Tokyo 1630539 Japan (72)Name of Inventor : 1)TAKIGUCHI Naoto	

(57) Abstract :

The present invention is a gas fuel injection valve wherein in the front end surface of a valve plunger (10) a circular recessed part (51) surrounded by an annular land part (50) that serves as the outer peripheral part of the valve plunger is formed the inner peripheral surface (51b) of the circular recessed part (51) is formed in a tapered shape in which the diameter thereof increases from the bottom surface (51a) of the circular recessed part (51) toward the annular land part (50) an annular lip (53) joined to a region extending from the inner peripheral surface (51b) to the annular land part (50) and seated on a valve seat (7) is formed in a seating member (17) and the annular lip (53) is disposed such that an annular ridge line (R) at the top thereof is located on the inner peripheral surface (51b) on the projected plane in the axial direction of the valve plunger (10). Consequently the height of the annular lip of the seating member is lowered as much as possible to thereby prevent the bounce of the valve plunger initial plastic deformation of the annular lip sticking of the annular lip to the valve seat and the like and stabilize the fuel injection quantity characteristic and also the annular lip can satisfactorily fulfill the function of softening the valve opening impact of the valve plunger.

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

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SENSOR ELEMENT METHOD OF MAKING THE SAME AND SENSOR DEVICE INCLUDING 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 	:G01N27/00 :61/388146 :30/09/2010 :U.S.A. :PCT/US2011/050609 :07/09/2011 :WO 2012/050686 :NA :NA :NA :NA	 (71)Name of Applicant : 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)PALAZZOTTO Michael C. 2)GRYSKA Stefan H. 3)BAUDE Paul F. 4)KANG Myungchan
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(57) Abstract :

A sensor element includes a first conductive electrode having a first conductive member electrically coupled thereto; an absorptive dielectric layer comprising a polymer of intrinsic microporosity; and a second conductive electrode having a second conductive member electrically coupled thereto. The second conductive electrode comprises at least one noble metal has a thickness of from 4 to 10 nanometers and is permeable to at least one organic vapor. The absorptive dielectric layer is at least partially disposed between the first conductive electrode and the second conductive electrode. A method of making the sensor element and sensor device containing it are also disclosed.

No. of Pages : 60 No. of Claims : 22

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : IMAGE ENCODING METHOD IMAGE DECODING METHOD IMAGE ENCODING APPARATUS IMAGE DECODING APPARATUS AND IMAGE ENCODING/DECODING 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 	:H04N7/30 :61/540048 :28/09/2011 :U.S.A. :PCT/JP2012/005881 :14/09/2012 :WO 2013/046586	 (71)Name of Applicant : 1)PANASONIC CORPORATION Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka 5718501 Japan (72)Name of Inventor : 1)TERADA Kengo 2)NISHI Takahiro
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)SHIBAHARA Youji 4)TANIKAWA Kyoko 5)SASAI Hisao 6)SUGIO Toshiyasu 7)MATSUNOBU Toru

(57) Abstract :

The image encoding method of the invention is an image encoding method for encoding an image for each of a plurality of encoding units and comprises: a frequency converting step (S501) of frequency converting the brightness data and color difference data of a plurality of converting units in an encoding unit including a plurality of predetermined blocks each corresponding to one or more converting units; and an encoding step (\$502) of encoding the brightness data as frequency converted and the color difference data as frequency converted thereby outputting a code sequence in which the brightness data and color difference data are put together for each predetermined block.

No. of Pages : 109 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION	
(19) INDIA	

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESS FOR ANNEALING OF HELICAL WOUND CORES USED FOR AUTOMOTIVE ALTERNATOR APPLICATIONS

(31) Priority Document No :13/793,565 1)' (32) Priority Date :11/03/2013 1 (33) Name of priority country :U.S.A. 1020 (86) International Application No :NA (72))Name of Applicant :)TEMPEL STEEL COMPANY Address of Applicant :5500 N. Wolcott, Chicago, IL 60640- 20 (US). U.S.A.)Name of Inventor :)Gwynne Johnston
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(57) Abstract :

In a method for manufacturing a helically wound alternator core, stamping an electrical steel strip to create a lamination strip having a back-iron and projecting teeth. The lamination strip is helically wound by bending to form the helically wound alternator core. The core is then welded. Thereafter the helically wound welded alternator core is annealed.

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

(22) Date of filing of Application :22/08/2007

(43) Publication Date : 26/09/2014

(54) Title of the invention : A PROCESS FOR PRODUCING NOBLE METAL NANO PARTICLES

 (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	 (71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY Address of Applicant :MADRAS OF CHENNAI-600036 Tamil Nadu India 2)AQUAMALL WATER SOLUTIONS LTD (72)Name of Inventor :
(87) International Publication No	: NA	1)T. PRADEEP
(61) Patent of Addition to Application Number	:NA	2)AQUAMALL WATER SOLUTIONS LTD
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to porous neutral support material having nano particles of noble metals adsorbed therein prepared by first preparing a liquid containing nano particles and allowing this to be adsorbed by the porous material till the desired amount of nano particles are adsorbed. This is then washed with distilled water air dried and packed. This material is useful in decontaminating water for drinking purposes.

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

(22) Date of filing of Application :25/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : FULLY ACYLATED AMINO FUNCTIONAL ORGANOPOLYSILOXANES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:C08G77/26,C08G77/16,C08G77/388 :102010041503.0 :28/09/2010 :Germany :PCT/EP2011/066201 :19/09/2011 :WO 2012/041733 :NA :NA	 (71)Name of Applicant : 1)WACKER CHEMIE AG Address of Applicant :Hanns Seidel Platz 4 81737 M¹/₄nchen Germany (72)Name of Inventor : 1)BREHM Christof 2)BEER Gerhard 3)MERGET Markus
Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention provides hydroxy terminated organopolysiloxanes (0) of the general formula (1) where R is a monovalent unsubstituted or halogen substituted hydrocarbyl radical having 1 to 20 carbon atoms R is an R OR or OH radical R is an alkyl radical having 1 to 6 carbon atoms G is a group of the general formula (2) where R R are each a divalent hydrocarbyl radical having 1 to 6 carbon atoms where nonadjacent CH units may be replaced by units selected from C(=O) O and S A is R C(=O) R is an alkyl radical having 1 to 20 carbon atoms and A has integer values from 100 to 1500 and b has integer values of at least 1; aqueous emulsions (W) comprising the hydroxy terminated organopolysiloxanes (O) the use thereof and preparation of the organopolysiloxane (O).

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

(12) PATENT APPLICATION PUBLICATION (21) Application No.233/CHENP/2014 A (19) INDIA (22) Date of filing of Application :10/01/2014 (43) Publication Date : 26/09/2014 (54) Title of the invention : APPARATUS FOR MEASURING AN ARTICLE (51) International classification :A61B5/107,G01B3/10,G01B5/02 (71)Name of Applicant : (31) Priority Document No :1111997.1 **1)C & J CLARK INTERNATIONAL LIMITED** (32) Priority Date :13/07/2011 Address of Applicant :40 High Street Street Somerset BA16 (33) Name of priority country 0EQ U.K. :U.K. (86) International Application (72)Name of Inventor : :PCT/GB2012/051615 1)TOWNS Chris No :09/07/2012 2)RICKETT Peter Filing Date

3)INNES Dan

4)KINALLY Yaan

(57) Abstract :

Number

No

(87) International Publication

(62) Divisional to Application

(61) Patent of Addition to

Application Number

Filing Date

Filing Date

:WO 2013/007997

:NA

:NA

:NA

:NA

There is provided a measuring device 10 having a pair of pivoted arms 12 13 the ends of which remote from the pivot having an associated tape 20. The tape 20 is fixed to one arm 12 and extends internally through the other arm 13 to be wound on to a biased reel located in a housing part the reel taking up any slack in the tape 20.

No. of Pages : 16 No. of Claims : 13

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : AQUEOUS POLISHING COMPOSITION AND PROCESS FOR CHEMICALLY MECHANICALLY POLISHING SUBSTRATES CONTAINING SILICON OXIDE DIELECTRIC AND POLYSILICON FILMS

(51) International classification	:C09G1/02,C09G1/04,C09G1/18	(71)Name of Applicant :
(31) Priority Document No	:61/380719	1)BASF SE
(32) Priority Date	:08/09/2010	Address of Applicant :67056 Ludwigshafen Germany
(33) Name of priority country	:U.S.A.	2)BASF (CHINA) COMPANY LIMITED
(86) International Application N	o:PCT/IB2011/053867	(72)Name of Inventor :
Filing Date	:05/09/2011	1)LI Yuzhuo
(87) International Publication No	:WO 2012/032451	2)CHU Jea Ju
(61) Patent of Addition to	:NA	3)VENKATARAMAN Shyam Sundar
Application Number		4)CHIU Wei Lan William
Filing Date	:NA	5)PINDER Harvey Wayne
(62) Divisional to Application	.NT 4	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

An aqueous polishing composition has been found the said aqueous polishing composition comprising (A) at least one type of abrasive particles which are positively charged when dispersed in an aqueous medium free from component (B) and having a pH in the range of from 3 to 9 as evidenced by the electrophoretic mobility; (B) at least one water soluble polymer selected from the group consisting of linear and branched alkylene oxide homopolymers and copolymers; and (C) at least one anionic phosphate dispersing agent; and a process for polishing substrate materials for electrical mechanical and optical devices making use of the aqueous polishing composition.

No. of Pages : 30 No. of Claims : 19

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR FEATURE ACTIVATION OF MACHINE TYPE COMMUNICATION AND MTC DEVICE THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W8/00 :201010267418.0 :27/08/2010 :China :PCT/IB2011/002295 :24/08/2011 :WO 2012/025825 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ALCATEL LUCENT Address of Applicant :3 avenue Octave Grard F 75007 Paris France (72)Name of Inventor : 1)HAN Feng 2)ZHENG Wu 3)ZHANG Kaibin 4)ZHAO Qun
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(57) Abstract :

The present disclosure provides a novel method for feature activation in the Machine Type Communication and a MTC device thereof. According to the present disclosure the MTC device may actively trigger entry into or exit from a feature state of the MTC device and inform the network to perform suitable configuration so as to meet the requirements of the MTC scenario and optimize the network performance. Furthermore for the Extra Low Power Consumption feature it is also proposed to set a MTC device specific DRX cycle as its actual cycle such that the actual cycle may be not limited by the system default DRX configuration information. Therefore power consumption for the MTC device in the Extra Low Power Consumption state may be reduced.

No. of Pages : 28 No. of Claims : 20

(21) Application No.2309/CHENP/2013 A

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : ABSORBENT ARTICLE AND SANITARY NAPKIN

(57) Abstract :

In a absorbent article 1 a leakage preventing wall 30 has: a fixing unit 30B and an erection unit 30A. A heightened middle unit is 11A disposed inside in the longitudinal direction L more than the wing unit 40. Fold positions X1 X2 at a time of individual packing of the absorbent article 1 are provided in proximity to a base position 41 of the wing unit 40. An end part E1 in the longitudinal direction L of the compression grooves 14A 14B are configured so as to be disposed outside in the longitudinal direction L more than an end part E2 in the longitudinal direction L of the erection unit 30A. The end part E2 in the longitudinal direction of the erection unit 30A and a site W1 at which a dimension in the widthwise direction W is the greatest in the compression groove 14A are disposed in proximity to the base position 41 of the wing unit 40.

No. of Pages : 20 No. of Claims : 6

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : POLYMERIC COMPOSITION AND SEALANT LAYER WITH SAME

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:PCT/US2011/053821 :29/09/2011 :WO 2012/044732 :NA :NA	 (71)Name of Applicant : 1)DOW GLOBAL TECHNOLOGIES LLC Address of Applicant :2040 Dow Center Midland MI 48674 U.S.A. (72)Name of Inventor : 1)LIANG Wenbin 2)WALTON Kim L. 3)MARCHAND Gary R.
. ,	:NA :NA	

(57) Abstract :

. Disclosed herein is a polymeric composition. The polymeric composition includes: (A) a propylene based polymer; (B) an ethylene/a olefin polymer; (C) a block composite comprising: i) a propylene based crystalline polymer; ii) an ethylene/a olefin polymer; and iii) a block copolymer comprising a propylene based crystalline block and an ethylene/a olefin block. The polymeric composition provides improved heat seals when formed into film film layer or flexible containers such as retort pouch.

No. of Pages : 46 No. of Claims : 15

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : STABILIZED PURE LITHIUM METAL POWDER AND METHOD FOR PRODUCING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B22F1/00,C22C1/04,C22C24/00 :10 2010 046 699.9 :28/09/2010 :Germany :PCT/EP2011/066858 :28/09/2011	 (71)Name of Applicant : 1)CHEMETALL GMBH Address of Applicant :Trakehner Strae 3 60487 Frankfurt am Main Germany (72)Name of Inventor : 1)WIETELMANN Ulrich
(87) International Publication No	:WO 2012/052265	
(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 stabilized lithium metal powder and to a method for producing the same the stabilized pure lithium metal powder having been passivated in an organic inert solvent under dispersal conditions with fatty acids or fatty acid esters according to the general formula (I) R COOR in which R stands for C Cgroups and R for H or C Cgroups.

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

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : VESICULAR STOMATITIS VIRUSES

classification :C12N15/47,C12N7/01,A61K3177088 (31) Priority Document No :61/379644 (32) Priority Date :02/09/2010	 (71)Name of Applicant : 1)MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH Address of Applicant :200 First Street S.W. Rochester Minnesota 55905 U.S.A. (72)Name of Inventor : 1)RUSSELL Stephen James 2)NAIK Shruthi
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(57) Abstract :

This document provides methods and materials related to vesicular stomatitis viruses. For example vesicular stomatitis viruses nucleic acid molecules encoding VSV polypeptides methods for making vesicular stomatitis viruses and methods for using vesicular stomatitis viruses to treat cancer are provided.

No. of Pages : 41 No. of Claims : 21

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR COORDINATING INTER CELL INTERFERENCE IN HETEROGENEOUS NETWORK AND HETEROGENEOUS NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04W16/02,H04W16/32,H04W24/10 :201110204385.X :13/07/2011 :China :PCT/JP2012/067512 :09/07/2012 :WO 2013/008794 :NA :NA	 (71)Name of Applicant : 1)NTT DOCOMO INC. Address of Applicant :11 1 Nagatacho 2 chome Chiyoda ku Tokyo 1006150 Japan (72)Name of Inventor : 1)NAGATA Satoshi 2)WANG Jinj 3)JIANG Yu 4)SHE Xiaoming 5)CHEN Lan 6)SUDA Hirohito
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a method for coordinating inter cell interference in a heterogeneous network and a heterogeneous network. The method comprises configuring as a cooperative group M normal base stations and low power nodes covered by the base stations in said heterogeneous network acquiring multiple states for said cooperative group by combining mute/non mute states in the bandwidth of said M normal base stations feeding back at least one first CQI to said normal base stations from a user of each normal base station feeding back one or more second CQI to said low power nodes from a user of each low power node and setting the mute/non mute states in the bandwidth for data transmission according to a cooperative group state corresponding to the highest system performance by estimating the performance of the cooperative group on the basis of the first CQI and the second CQI.

No. of Pages : 137 No. of Claims : 30

(21) Application No.206/CHENP/2014 A

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : ROTARY JOINT PROSTHESIS HAVING A REINFORCED BEARING BUSH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:08/05/2012	 (71)Name of Applicant : 1)WALDEMAR LINK GMBH & CO. KG Address of Applicant :Barkhausenweg 10 22339 Hamburg Germany (72)Name of Inventor : 1)BARTELS Carolin 2)DMUSCHEWSKY Klaus 3)IREDI Marco
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(57) Abstract :

The invention relates to a joint prosthesis comprising a distal component (1) for anchoring to a first bone a proximal component (2) for anchoring to a second bone and a coupling piece (3) that together with the first component (1) forms a flexion bearing around a first axis (34) and together with the second component (2) forms a rotary bearing formed by the pin (31) and the bearing bush (32) around a second axis oriented transversely to the first axis (34). The rotary bearing comprises a multi layer bearing insert (4) having a sliding sleeve (41) surrounding the pin (31) and a support sleeve (42) that encloses said sliding sleeve and is fastened to the coupling piece (3) by means of a securing element (5) wherein the securing element (5) comprises an actuation unit (52) within the support sleeve (42) and can be connected to the coupling piece (3) such as to ensure tensile strength by means of two aligned bores (47 38) in the support sleeve (42) and the coupling piece (3).

No. of Pages : 20 No. of Claims : 14

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : ANALOG TO DIGITAL CONVERSION STAGE AND PHASE SYNCHRONIZATION METHOD FOR DIGITIZING TWO OR MORE ANALOG SIGNALS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:NA :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)HAYS Paul J. 2)MCANALLY Craig B.
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An analog to digital conversion stage (300) includes three or more ADCs (303 305 307) that receive two or more analog signals generate a first digitized signal from a first analog signal generate at least a second digitized signal from at least a second analog signal to create two or more digitized signals and generate one or more redundant digitized signals from the two or more analog signals. The one or more redundant digitized signals are generated substantially in parallel with the two or more digitized signal of the one or more redundant digitized signals and a corresponding digitized signal of the two or more digitized signals and a corresponding digitized signal of the two or more digitized signals and compensates the corresponding digitized signal using the one or more phase drift values.

No. of Pages : 32 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 26/09/2014

(57) Abstract :

A chute (3) for an optical sorter allows objects to be sorted to drop under gravity from the lower end of the chute thereby supplying the objects to an optical detection section. The chute (3) is provided with: a first portion (31) which includes a portion for receiving the objects to be sorted which are supplied from a supply section (2); and a second portion (32) which continues from the first portion (31) and which allows the objects to be sorted to drop under gravity from the lower end of the chute (3). The first portion (31) is composed of a single part and has: flat surfaces (34a 34c) along which the objects to be sorted flow down; and connection surfaces (35a 35c) which connect at an obtuse angle the flat surfaces (34a 34c) in the direction in which the objects flow down. The chute (3) is characterized in that the flat surface (34a 34c) located on the upstream side is bent downward to form the connection surface (35a 35c) the connection surface (35a 35c) is bent upward to form the flat surface (34a 34c) which is located on the downstream side and thus a smooth undulation is formed on the surface along which the objects to be sorted flow down.

No. of Pages : 35 No. of Claims : 4

(21) Application No.1348/CHENP/2013 A

(22) Date of filing of Application :19/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : DEVICE FOR DETECTING AND SIGNALING A CHANGE IN THE STATE OF A PUSH BUTTON

(31) Priority Document No(32) Priority Date	:H01H3/02,H01H13/02,H01H9/16 :10 56741 :25/08/2010	1)SCHNEIDER ELECTRIC INDUSTRIES SAS Address of Applicant :35 rue Joseph Monier F 92500 Rueil
 (33) Name of priority country (86) International Application No Filing Date 	:France :PCT/EP2011/063185 :01/08/2011	Malmaison France (72)Name of Inventor : 1)MEFTAH Tewfik 2)GUILLOT Alain
(87) International Publication No	:WO 2012/025335	3)BENNI Dominique 4)DESAPHIE Bernard
(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 device (3) for detecting and signaling a change in the state of a push button (2) e.g. an emergency stop button. The device is provided in the form of a add on that is detachable from the push button (2) and comprises: an electrical energy generator (1) housed in the housing (30) of the device and capable of interacting with a control head (20) of the push button (2) for converting mechanical energy into electrical energy; and a wireless transmitter for transmitting a message to a remote receiver the wireless transmitter being housed in the housing (30) and electrically connected to the electrical energy generator (1).

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

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 26/09/2014

(51) International classification	:A23L1/226	(71)Name of Applicant :
(31) Priority Document No	:61/508389	1)GIVAUDAN SA
(32) Priority Date	:15/07/2011	Address of Applicant :Chemin de la Parfumerie 5 CH 1214
(33) Name of priority country	:U.S.A.	Vernier Switzerland
(86) International Application No	:PCT/EP2012/063908	(72)Name of Inventor :
Filing Date	:16/07/2012	1)YANG Xiaogen
(87) International Publication No	:WO 2013/010991	2)LUBIAN Elisabetta
(61) Patent of Addition to Application	:NA	3)RENES Harry
Number		4)TONDEUR Alexander P.
Filing Date	:NA	5)HAIBER Stephan
(62) Divisional to Application Number	:NA	6)LIU Xinping
Filing Date	:NA	7)FU Xun
(57) 11		•

(54) Title of the invention : FLAVOUR MODIFYING COMPOUNDS

(57) Abstract :

Use of a compound of formula (1) to modify the taste or flavour of a flavour composition or consumable product wherein R is H or a substituted unsubstituted branched or unbranched C C alkyl group and NHR is a residue of an amino acid is selected from Alanine (Ala) cysteine (Cys) Aspartic acid (Asp) phenylalanine (Phc) glutamic acid (GIu) histidine (His) isoleucine (He) lysine (Lys) leucine (Leu) methionine (Met) asparagines (Asn) glutamine (Gin) arginine (Arg) serine (Ser) theronine (Thr) valine (Val) tryptophan (Trp) tyrosine(Tyr) and Glycine (Gly) with the proviso that the compound is not N acetyl glycine. Also disclosed are flavour compositions and consumable products comprising such compounds.

No. of Pages : 34 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : IMAGE PROCESSING APPARATUS AND IMAGE PROCESSING METHOD (51) International classification :H04N7/32,H04N7/30 (71)Name of Applicant : (31) Priority Document No **1)SONY CORPORATION** :2011158027 (32) Priority Date :19/07/2011 Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 (33) Name of priority country :Japan Japan (86) International Application No :PCT/JP2012/063309 (72)Name of Inventor : 1)SATO Kazushi Filing Date :24/05/2012 (87) International Publication No :WO 2013/011738 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

An amount of code is reduced by setting division information of an upper layer on the basis of Quad Tree division information of a lower layer utilizing the fact that a similarity exists between CU TU and PU Quad Tree division patterns or between features of divided blocks due to a similarity between image features of the lower layer and the upper layer in hierarchical encoding.

No. of Pages : 93 No. of Claims : 20

(22) Date of filing of Application :13/01/2014 (43) Pt

(54) Title of the invention : POWER SEMICONDUCTOR HOUSING WITH CONTACT MECHANISM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:H01L23/62,H01L25/07,H01L25/11 :NA :NA :NA	 (71)Name of Applicant : 1)ABB TECHNOLOGY AG Address of Applicant :Affolternstrasse 44 CH 8050 Z¹/₄rich Switzerland (72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2011/060279 :21/06/2011	1)MONGE Mauro
(87) International Publication No	:WO 2012/175112	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	^h :NA :NA	

(57) Abstract :

A housing (1) for a power semiconductor providing a compartment (2) for installation of a power semiconductor (3) and comprising a first and a second terminal (4 A 4B). The terminals (4A 4B) are for connection of a power semiconductor (3) installed in the compartment and for leading current to and from the compartment The housing comprises a contact mechanism (6 7 8 9 10) for bypassing the compartment the contact mechanism comprising at least one movable contact (7) arranged for electrically connecting the first and second terminal (4A 4B) the at least one movable contact (7) being movable between a disconnected first position and a connected second position in which second position the movable contact (7) connects the terminals (4A 4B). The contact mechanism further comprising a bypass actuator (8) arranged inside the compartment and provided for transforming a pressure from an exploding semiconductor into motion the bypass actuator (8) is operatively connected to the movable contact (7) and arranged to move the movable contact (7) from the first to the second position when subjected the pressure of an exploding semiconductor.

No. of Pages : 20 No. of Claims : 14

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : A SWITCHING DEVICE AND A SWITCHGEAR

 classification (31) Priority Document No : (32) Priority Date : (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:NA :NA :NA :PCT/EP2011/060060 :16/06/2011 :WO 2012/171570 :NA :NA	 (71)Name of Applicant : 1)ABB TECHNOLOGY AG Address of Applicant :Affolternstrasse 44 CH 8050 Z¼rich Switzerland (72)Name of Inventor : 1)BJORTUFT Tom Rune 2)ENDRE Thor 3)SKRYTEN Pal Kristian 4)HADLAND Havard 5)TVETEN John Anders 6)LOHNE Stanley
Application Number	:NA :NA	

(57) Abstract :

A switching device (102 104 106) for electric power distribution electrically connectable to an electrical conductor (114 116 118) the switching device comprising a breaker (126 128 130) the breaker being electrically connectable to the electrical conductor and an at least partially electrically conductive housing (120 122 124) to which the breaker is mounted. The switching device provides a current path between the breaker and the electrical conductor. The housing houses at least one guiding member (150 152) for operating the breaker. The housing houses a first part (131) of the current path between the breaker and the electrical conductor the switching device comprises a switch (144) for electrically connected to the breaker wherein the switching device comprises a switch (144) for electrically connecting the breaker to the electrical conductor the switch comprising a switch element (146) movable to a first position in which the switch element is electrically connected to the first part of the current path and to the electrical conductor movable to a second position in which the switch element (192) and movable to a third position in which the switch element is disconnected from the electric power distribution comprising at least one such switching device.

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

(22) Date of filing of Application :27/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : POLYMERIC COMPOSITION AND SEALANT LAYER WITH SAME

(57) Abstract :

Disclosed herein is a polymeric composition. The polymeric composition includes: (A) a propylene/a olefin interpolymer; (B) an ethylene based polymer; (C) a block composite comprising: i) a propylene based crystalline polymer; ii) an ethylene/a olefin polymer; and iii) a block copolymer comprising a propylene based crystalline block and an ethylene/a olefin block. The polymeric composition provides improved heat seals when formed into film film layer or flexible containers such as a retort pouch.

No. of Pages : 44 No. of Claims : 13

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ADD ON PERFORMANCE ADVISOR			
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	n :G06F11/30,G06F9/44,G06F17/00 :12/881948 :14/09/2010 :U.S.A. :PCT/US2010/0599999 :13/12/2010 :WO 2012/036709 :NA :NA :NA	 (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)NG Herman H. 2)SILBEY Marc A. 3)CUTSINGER Paul L. 4)HUANG Li Hsin 5)TURTON Stephen A. 	

(57) Abstract :

Various embodiments provide an add on advisor that is designed to assist users in managing add ons for a browser and/or other application programs. In at least some embodiments the add on advisor can be implemented to detect newly installed add ons and provide notifications to a user of the detected add ons. The notifications regarding new add ons can be configured with options to permit the user to enable or disable the add ons. Add ons that are not explicitly enabled by a user can be prevented from operating by the add on advisor. Further in at least some embodiments the add on advisor can be implemented to monitor performance impact of add ons and provide notifications to a user when add ons adversely affect performance. The user can then interact with the add on advisor to improve performance by selectively enabling and disabling add ons.

No. of Pages : 36 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ENCODER	AND MOTOR DEVICE	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		(71)Name of Applicant : 1)KABUSHIKI KAISHA YASKAWA DENKI Address of Applicant :2-1, KUROSAKI-SHIROISHI, YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806- 0004 Japan (72)Name of Inventor : 1)ATSUFUMI WATANABE

(57) Abstract :

An encoder (100) comprising: a rotary disc (110); a magnetic detection mechanism (MG, 120) to magnetically detect rotation of the rotary disc (110); an optical detection mechanism (131, SL, SA, PD, PA) to optically detect the rotation of the rotary disc (110); a first detection signal generator (141) configured to generate a first detection signal (PH-A) based on an output from the magnetic detection mechanism (MG, 120); a second detection signal generator (142) configured to generate a second detection signal (PH-B) having a predetermined phase difference from the first detection signal (PH-A) based on an output from the optical detection mechanism (131, SL, SA, PD, PA); and a multiple turn detector (143) configured to detect a multiple turning amount of the rotary disc (110) based on the first and second detection signals (PH-A, PH-B).

No. of Pages : 46 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :27/05/2013

(54) Title of the invention : MEDIA ITEM DIVERTER			
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		,	

(57) Abstract :

An apparatus and method are disclosed for directing an item of media to one of a plurality of locations (210, 225, 230, 240). The apparatus includes a diverter housing (600) providing a plurality of openings (250, 260, 270, or 280) through which an item of media is transportable, a pathway guide (650) in a central chamber region (651) of the housing (600) selectively locatable in at least two (but preferably three) orientations, said pathway guide (650) comprising a plurality of guide surfaces (666, 667, 701, 702, 703, 704) that each guide an item of media travelling on a respective transport pathway, and at least one selection element (336) that selects an orientation of the pathway guide (650) as each item of media is transported to determine an opening through which an item of media exiting the housing is transported.

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

(22) Date of filing of Application :27/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : REDUCING NON LINEARITIES IN A DIFFERENTIAL RECEIVER PATH PRIOR TO A MIXER USING CALIBRATION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H04B1/10,H03F1/32,H04B17/00 :12/892702 :28/09/2010 :U.S.A.	 (71)Name of Applicant : 1)QUALCOMM Incorporated Address of Applicant :Attn: International Ip Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.
 (86) International Application No Filing Date (87) International Publication No 	:PCT/US2011/053612 :28/09/2011 :WO 2012/050864	(72)Name of Inventor : 1)AHRARI Bahman 2)LIN I Hsiang
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A receiver for a wireless device is described. The receiver includes a low noise amplifier that includes differential inputs. The receiver also includes a mixer coupled to the low noise amplifier. The receiver further includes second order intermodulation reduction circuitry coupled to a stage subsequent to the low noise amplifier. The second order intermodulation reduction circuitry provides a biasing of the differential inputs.

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

(21) Application No.2423/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEM FOR EXCHANGING DATA BETWEEN AT LEAST ONE SENDER AND ONE RECEIVER

(51) International classification	:H04L9/12,H04L9/18	(71)Name of Applicant :
(31) Priority Document No	:1057785	1)HADDAD Mouchi
(32) Priority Date	:28/09/2010	Address of Applicant :38 chemin des Tartres F 94500
(33) Name of priority country	:France	Champigny Sur Marne France
(86) International Application No	:PCT/FR2011/052260	2)BREJAUD Pierre
Filing Date	:27/09/2011	3)HADDAD Mika«l
(87) International Publication No	:WO 2012/042170	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)HADDAD Mouchi
Number		2)BREJAUD Pierre
Filing Date	:NA	3)HADDAD Mika«l
(62) Divisional to Application Number	:NA	,
Filing Date	:NA	

(57) Abstract :

The invention relates to a system for exchanging data between at least one sender (1 5) and one receiver such as a central server (7) by means of a data transmission network (6) of Internet type this system comprising means (4 10) for encrypting/decrypting the data exchanged. The senders and the receiver comprise generators of encryption/decryption keys which generators are synchronized to generate new keys for message encryption/decryption with each dispatching of a new message from the sender to the receiver.

No. of Pages : 27 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : TANDEM VANE COMPRESSOR		
(51) International classification	:F02C7/00	(71)Name of Applicant :
(31) Priority Document No	:2012- 142453	1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI,
(32) Priority Date	:25/06/2012	AICHI-KEN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)KAZUO KOBAYASHI
Filing Date	:NA	2)HIROAKI KAYAKAWA
(87) International Publication No	: NA	3)SHINICHI SATO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A tandem vane compressor includes a housing, a suction chamber, a discharge chamber, a compression chamber, a drive shaft and a plurality of compression units. The compression units are connected to each other in a tandem manner in the housing. The housing includes a shell and first and second cylinder blocks. The shell and the first cylinder block cooperate to form therebetween a first discharge-pressure region and a first outer discharge chamber. The shell and the second cylinder block cooperate to form therebetween a second discharge-pressure region and a second outer discharge chamber. The first and the second discharge-pressure regions are connected by a first discharge passage. The bottom of the first or the second outer discharge chamber is in communication with the discharge chamber through an oil passage by which lubricating oil collected in the first or the second outer discharge chamber is transferred to the discharge chamber.

No. of Pages : 41 No. of Claims : 10

(21) Application No.2970/CHENP/2013 A

(19) INDIA(22) Date of filing of Application :17/04/2013

(43) Publication Date : 26/09/2014

(51) International classification	:A61K39/12	(71)Name of Applicant :
(31) Priority Document No	:61/408310	1)MERCK SHARP & DOHME CORP.
(32) Priority Date	:29/10/2010	Address of Applicant :126 East Lincoln Avenue Rahway New
(33) Name of priority country	:U.S.A.	Jersey 07065 0907 U.S.A.
(86) International Application No	:PCT/US2011/058026	(72)Name of Inventor :
Filing Date	:27/10/2011	1)COLLER Beth Ann Griswold
(87) International Publication No	:WO 2012/154202	2)PAI Vidya B.
(61) Patent of Addition to Application	:NA	3)PARKS D. Elliot
Number		4)YELMENE Michele
Filing Date	:NA	5)BETT Andrew J.
(62) Divisional to Application Number	:NA	6)MARTYAK Timothy
Filing Date	:NA	

(54) Title of the invention : RECOMBINANT SUBUNIT DENGUE VIRUS VACCINE

(57) Abstract :

The present invention provides dengue virus vaccines and immunogenic compositions for administration to human subjects. The vaccine compositions of the present invention comprise recombinantly produced monomeric and/or dimeric forms of truncated dengue virus envelope glycoprotein that when formulated together with an adjuvant and a pharmaceutically acceptable carrier induce balanced tetravalent immune responses. In preferred embodiments of the compositions described herein the DEN4 protein component is a dimeric form of DEN4. The compositions are designed to be acceptable for use in the general population including immunosuppressed immunocompromised and immunosenescent individuals. Also provided herein are methods of inducing a protective immune response in a human patient population by administering the compositions described herein to the patients.

No. of Pages : 52 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PRODUCING A CARBON COATED LITHIUM SULFIDE AND USE THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C01G1/12,C01B17/22 :10 2011 077 481.5 :14/06/2011 :Germany :PCT/EP2012/061059 :12/06/2012 :WO 2012/171889 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ROCKWOOD LITHIUM GMBH Address of Applicant :Industriepark Hchst Gebude G 879 65926 Frankfurt/M Germany (72)Name of Inventor : 1)WIETELMANN Ulrich
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(57) Abstract :

The invention relates to a novel method for producing a carbon doped lithium sulfide powder according to which elementary lithium is reacted with elementary sulfur and/or a sulfur containing compound selected from the group containing CS2 COS SO2 and SO in a liquid state in a hydrocarbon solvent except naphthalene. The products of the method according to the invention are used to produce lithium battery electrodes or a lithium ion conducting solid.

No. of Pages : 11 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :18/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : FIRE RESISTANT LAMINATE		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	n:B32B17/04,B32B27/04,B44C5/00 :10010014.8 :21/09/2010 :EPO :PCT/EP2011/004718 :21/09/2011 :WO 2012/038076 :NA :NA :NA	 (71)Name of Applicant : 1)FUNDERMAX GMBH Address of Applicant :Klagenfurter Strasse 87 89 A 9300 St. Veit/Glan Austria 2)JOHNS MANVILLE EUROPE GMBH (72)Name of Inventor : 1)ULLRICH Gerald 2)HORVATH Michael 3)KETZER Michael 4)GLEICH Klaus Friedrich

(57) Abstract :

Flame resistant laminate A flame resistant laminate is described, which distinguishes itself by its low heating value £3 MJ/kg according to ISO 1716 and thanks to its special multilayer structure has excellent mechanical characteristics and an extraordinarily good stability under changing climatic conditions (hot/humid/cold/dry). The laminate according to the invention comprises several mineral and glass fiber non-woven fabrics with different functionalities and components. This includes high-filled non-woven fabrics, B-stage binders and other additives. Its great mechanical strength as well as the extraordinarily good stability under changing climatic conditions (hot/humid/cold/dry) allow its reasonable use in many areas where until now exclusively laminates according to EN 438 are used and beyond.

No. of Pages : 48 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR ANALYZING PORE SIZES OF SUBSTRATES

(51) International classification	:G01N21/956,B01D46/24	(71)Name of Applicant :
(31) Priority Document No	:61/388645	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:01/10/2010	Address of Applicant :2040 Dow Center Midland MI 48674
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/053226	(72)Name of Inventor :
Filing Date	:26/09/2011	1)WOOD Stewart P.
(87) International Publication No	:WO 2012/044570	2)BROOMALL Charles F.
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for analyzing the pore size of a substrate or device containing substrates adapted to separate fluids and has at least two surfaces a first and a second surface which are isolated from one another and wherein the substrate or devices containing the substrates have an exit for fluids passing through the substrate comprising: a) a particle generator (15) capable of generating particles of a controlled size; b) a system (18) for creating a pressure differential between the first and the second surface of the substrate; c) a light source (24) spaced front the exit of the substrate or device containing the substrate or device generator to the first surface of the substrate; e) a substrate or device holder (11) adapted for holding the substrate or device in the proper location in the system; and f) one or more reference linages. Also described are methods of utilizing the system to identify pore sizes of substrates.

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

(21) Application No.314/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 26/09/2014

(51) International classification	:B67D3/00	(71)Name of Applicant :
(31) Priority Document No	:61/508170	1)MWV SLATERSVILLE LLC
(32) Priority Date	:15/07/2011	Address of Applicant :110 Graham Drive Slatersville RI
(33) Name of priority country	:U.S.A.	02876 U.S.A.
(86) International Application No	:PCT/US2012/046963	(72)Name of Inventor :
Filing Date	:16/07/2012	1)SKILLIN Clifford
(87) International Publication No	:WO 2013/012821	2)BRANNON Patrick
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DELAYED FLOW BAFFLED DISPENSING CLOSURE

(57) Abstract :

A dispensing closure having a closure body and an insert member for dispensing a product from a container. The insert member includes a base and a sealing tube. The base is configured and arranged for seating within an open end of the product container. The sealing tube extends upwardly from the base. The sealing tube has a sealing tip portion at an upper end thereof. The sealing tube further includes one or more baffles spaced apart along the sealing tube. Each of the baffles positioned along a different horizontal axis to restrict direct flow of a product out of the dispensing closure. In operation the closure body moves relative to the relative to the insert member between a closed position to prevent a baffled flow product to exit the exit orifice area and an open position to allow a baffled flow of product to exit the exit orifice area.

No. of Pages : 28 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :23/12/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ANTIBODY PURIFICATION (51) International classification :C07K16/00,C07K1/14,C07K1/18 (71)Name of Applicant : (31) Priority Document No :1782/CHE/2011 **1)DR REDDYS LABORATORIES LIMITED** (32) Priority Date :26/05/2011 Address of Applicant :Intellectual Property Management (33) Name of priority country :India Biologics Development Centre Dr. Reddys Laboratories Limited (86) International Application Survey No: 47 Bachupalli Qutubullapur R R District 500090 :PCT/IB2012/052610 Andhra Pradesh India No :24/05/2012 (72)Name of Inventor : Filing Date (87) International Publication 1)JAHAGIRDAR Kishore :WO 2012/160536 No 2)GUPTA Neeru (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The invention provides a method of purification of antibodies using chromatographic technique. The method involves the use of anion exchange chromatography for the purification of the antibody. The purified antibody can be used as a therapeutic composition.

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

(19) INDIA

(22) Date of filing of Application :23/12/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PURIFICATION OF ANTIBODIES		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07K1/14 :1783/CHE/2011 :26/05/2011 :India	 (71)Name of Applicant : 1)DR. REDDYS LABORATORIES LIMITED Address of Applicant :Intellectual Property Management Biologics Development Centre Dr. Reddys Laboratories Limited Survey No: 47 Bachupalli Qutubullapur R R District 500072 Andhra Pradesh India (72)Name of Inventor : 1)JAHAGIRDAR Kishore 2)GUPTA Neeru

(57) Abstract :

The invention provides a method of purification of antibodies using chromatographic technique. The method involves the use of cation exchange chromatography for the purification of the antibody. The purified antibody can be used as a therapeutic composition.

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

(21) Application No.1869/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/03/2013

(43) Publication Date : 26/09/2014

(51) International classification	:A61M5/24	(71)Name of Applicant :
(31) Priority Document No	:61/373386	1)SANOFI AVENTIS DEUTSCHLAND GMBH
(32) Priority Date	:13/08/2010	Address of Applicant :Br¼ningstrae 50 65929 Frankfurt
(33) Name of priority country	:U.S.A.	Germany
(86) International Application No	:PCT/EP2011/063841	(72)Name of Inventor :
Filing Date	:11/08/2011	1)BUTLER Joseph
(87) International Publication No	:WO 2012/020085	2)AVERY Richard James Vincent
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : MECHANISM FOR PREVENTING SELECTION OF A DOSE

(57) Abstract :

A dose setting mechanism (102) having a locking mechanism (200 300 400) for preventing selection of a dose in a drug delivery device (100) is disclosed. The dose setting mechanism (102) includes a locking mechanism (200 300 400) that prevents movement of the dose setting mechanism (102). When a correct cartridge (120) is inserted into the drug delivery device (100) the locking mechanism (200 300 400) unlocks so as to allow movement of the dose setting mechanism (102). In one arrangement the locking mechanism (200 300 400) prevents rotation of the dose setting mechanism (102).

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

(22) Date of filing of Application :25/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : THERMOPLASTIC RESIN FOAM THERMOPLASTIC RESIN FOAM PRODUCTION METHOD AND LIGHT REFLECTING 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 	:C08J9/12,C08L67/00,G02B1/04 :2010191038 :27/08/2010 :Japan :PCT/JP2011/069190 :25/08/2011 o:WO 2012/026530 :NA :NA :NA	 (71)Name of Applicant : 1)FURUKAWA ELECTRIC CO. LTD. Address of Applicant :2 3 Marunouchi 2 chome Chiyoda ku Tokyo 1008322 Japan (72)Name of Inventor : 1)IKEDA Hideyuki 2)SAITO Minoru 3)INAMORI Kojiro
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(57) Abstract :

To provide a thermoplastic resin foam that has high reflectance even as a thin sheet and a thermoplastic resin foam production method and light reflecting material. [Solution] The thermoplastic resin foam is obtained using a resin composition comprising a meltable crystallization nucleating agent (B) in a crystallizable thermoplastic resin (A) and has bubbles with mean bubble diameter of less than 1 μ m therein.

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

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : MODIFIED AMINOCARBOXYLATES WITH IMPROVED SHELF LIFE AND PROCESSING PROPERTIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:11171904.3 :29/06/2011 :EPO :PCT/EP2012/062187	 (71)Name of Applicant : 1)BASF SE Address of Applicant :67056 Ludwigshafen Germany (72)Name of Inventor : 1)LANG Frank Peter
Filing Date	:25/06/2012	
(87) International Publication No	:WO 2013/000848	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to aminocarboxylates in solid form which have a relatively long shelf life and improved processing properties and also to the use thereof in household products more particularly laundry detergents other detergents and polishes and in industrial processes.

No. of Pages : 34 No. of Claims : 10

(21) Application No.320/CHENP/2014 A

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PRODUCING HOT PRESSED STEEL MEMBER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	 i:C21D9/00,B21D22/20,C21D1/18 i:2011160090 i:21/07/2011 i:Japan :PCT/JP2012/068211 :18/07/2012 :WO 2013/012006 :NA :NA :NA 	 (71)Name of Applicant : 1)KABUSHIKI KAISHA KOBE SEIKO SHO Address of Applicant :10 26 Wakinohama cho 2 chome Chuo ku Kobe shi Hyogo 6518585 Japan (72)Name of Inventor : 1)ASAI Tatsuya 2)MIZUTA Naoki 3)YAMANO Takayuki 4)IWAYA Jiro 5)JIMBO Noriyuki
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(57) Abstract :

To establish a method for obtaining a hot pressed steel member which exhibits high strength high tensile elongation (ductility) and high bendability thereby having excellent deformation characteristics at the time of collision crush (collision crush characteristics) and which is capable of ensuring excellent delayed fracture resistance. A method for producing a hot pressed steel member by heating a steel sheet which has a chemical component composition containing 0.10% (% by mass and hereinafter the same shall apply) to 0.30% (inclusive) of C 1.0% to 2.5% (inclusive) of Si 1.0% to 3.0% (inclusive) of Si and Al in total and 1.5% to 3.0% (inclusive) of Mn with the balance made up of iron and unavoidable impurities and hot pressing the steel sheet one or more times. The method for producing a hot pressed steel member is characterized in that: the heating temperature is set to not less than the Ac transformation point; the starting temperature of the hot pressing is set to not more than the heating temperature but not less than the Ms point; and the average cooling rate from (the Ms point 150)°C to 40°C is set to 5°C/s or less.

No. of Pages : 72 No. of Claims : 17

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR ESTIMATING CUSTOMER LIFETIME VALUE WITH LIMITED HISTORICAL DATA AND RESOURCES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06Q30/00 :13841582 :15/03/2013 :U.S.A. :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)Accenture Global Services Limited Address of Applicant :3 Grand Canal Plaza, Grand Canal Street Upper, Dublin 4, IRELAND Ireland (72)Name of Inventor : 1)Jitesh Goyal 2)Aniruddha Chatterjee 3)Aravindan Srinivasan 4)Anand Premsundar 5)Alok Kumar 6)Gaurav A. Goyal 7)Sanjay Ojha
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(57) Abstract :

The present invention generally relates to estimating a customerTMs lifetime value to a company. The customerTMs lifetime value to the company can be based on remaining value of existing products and one or both of new purchase value and historic profitability. The remaining value and new purchase value for the customer may be estimated based on the customerTMs current customer segment and the customerTMs predicted future migration to a different customer segment. In addition, the remaining value may be estimated based on expected individual customer purchases.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:B60R19/34	(71)Name of Applicant :
(31) Priority Document No	:61/387119	1)MAGNA INTERNATIONAL INC.
(32) Priority Date	:28/09/2010	Address of Applicant :337 Magna Drive Aurora Ontario L4G
(33) Name of priority country	:U.S.A.	7K1 Canada
(86) International Application No	:PCT/CA2011/001089	(72)Name of Inventor :
Filing Date	:27/09/2011	1)BANASIAK Gary
(87) International Publication No	:WO 2012/040826	2)BYRNE James R. II
(61) Patent of Addition to Application	•NT A	3)ZAK Alexander
Number	:NA	4)KOTAGIRI Seetarama S.
Filing Date	:NA	,
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : SCALABLE CRUSH CAN FOR VEHICLE

(57) Abstract :

In one aspect the invention is directed to a crush can for a vehicle frame including a crush can body having a longitudinal axis and a cross sectional shape that is at least approximately a 10 sided polygon. In another aspect the invention is directed to a crush can for a vehicle frame including a crush can body having a longitudinal axis and a cross sectional shape that includes a plurality of outwardly pointing apexes and a plurality of inwardly pointing apexes.

No. of Pages : 32 No. of Claims : 34

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SURFACE ACTIVE AGENTS DERIVED FROM BIODIESEL BASED ALKYLATED AROMATIC COMPOUNDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/388224 :30/09/2010 :U.S.A.	 (71)Name of Applicant : 1)HUNTSMAN PETROCHEMICAL LLC Address of Applicant :10003 Woodloch Forest Drive The Woodlands Texas 77380 U.S.A. (72)Name of Inventor : 1)SMITH George A. 2)WEAVER Daniel R. 3)CHAI Zheng
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(57) Abstract :

A surface active agent comprising an arylated methyl ester of a fatty acid or mixture of fatty acids derived from biodiesel or a triglyceride source is disclosed. The fatty acid mixture is condensed to methyl esters and alkylated with aromatic substituents under Friedel Crafts conditions. The alkylated methyl esters may be alkoxylated using a catalyst derived from fatty acids alkaline earth salts and strong acids. The resulting nonionic surfactant may also be sulfonated to produce one class of anionic surfactants. The alkylated methyl esters may also be directly sulfonated to produce another class of anionic surfactants.

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

(19) INDIA

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CO FLOW / COUNTER FLOW FUEL CELL OR ELECTROLYSIS CELL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01M8/04,H01M8/24 :. :26/03/2013 : :PCT/EP2010/005898 :28/09/2010 :WO 2012/041338 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TOPSOE FUEL CELL A/S Address of Applicant :Nym,llevej 66 DK 2800 Kgs. Lyngby Denmark (72)Name of Inventor : 1)JENSEN Kresten Juel Nikolaj Laut 2)WEICHEL Steen
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(57) Abstract :

A cell stack with cells adapted to operate as either fuel cells or electrolysis cells comprises cells with a counter flow of the anode gas relative to the cathode gas on a first part of each cell and a co flow on a second part of each cell which evens out the temperature profile of the cell and cell stack relative to a co flow or a counter flow cell.

No. of Pages : 35 No. of Claims : 11

(21) Application No.321/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHODS AND SYSTEMS FOR CONTROLLING HANDOVERS IN A CO CHANNEL NETWORK (51) International classification :H04W36/32 (71)Name of Applicant : (31) Priority Document No **1)ALCATEL LUCENT** :61/510253 (32) Priority Date Address of Applicant :3 avenue Octave Grard F 75007 Paris :12/07/2011 (33) Name of priority country :U.S.A. France (86) International Application No :PCT/US2012/047142 (72)Name of Inventor : Filing Date :18/07/2012 1)SIVANESAN Kathiravetpillai (87) International Publication No :WO 2013/012896 2)ZOU Jialin (61) Patent of Addition to Application **3)VASUDEVAN Subramanian** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

At least one example embodiment discloses a method of controlling a handover of a user equipment (UE) from a serving base station to a target base station in a heterogeneous network. The method includes determining by a serving base station a speed of the UE and a type of the handover the type of the handover being one of macro cell to macro cell macro cell to small cell small cell to macro cell and small cell to small cell and controlling by the serving base station the handover from the serving base station to the target base station based on the speed of the UE and the type of handover.

No. of Pages : 44 No. of Claims : 10

(22) Date of filing of Application :07/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CONNECTOR FOR A DRUG DELIVERY DEVICE RESERVOIR

 (51) International classificatio (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/EP2011/063840 :11/08/2011 :WO 2012/020084 :NA :NA	 (71)Name of Applicant : 1)SANOFI AVENTIS DEUTSCHLAND GMBH Address of Applicant :Br¼ningstrae 50 65929 Frankfurt Germany (72)Name of Inventor : 1)AVERY Richard James Vincent 2)BUTLER Joseph
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(57) Abstract :

A connector (50 150 180 200 300 350 400) for use with a reservoir (20 100 220 320 368 420 700). The connector comprises a main body (52 152 182 202 252 302) defining a bore (54 184 254 304) extending from a proximal end (58 186 258) to a distal end (56 188 256) of the main body. The bore is configured for receiving the reservoir. An inner wall (154) extends from the proximal end to the distal end. At least a portion of the inner wall is configured for attachment to an outer surface (22 222 422) of the reservoir. An outer wall (156) extends from the proximal end and the distal end. The outer wall is configured for attachment to a drug delivery device. In one arrangement the outer wall is configured for attachment to a cartridge holder (100) of the drug delivery device.

No. of Pages : 55 No. of Claims : 18

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : IMAGE DISPLAY DEVICE IMAGE LIST DISPLAY METHOD AND IMAGE LIST DISPLAY PROGRAM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04N5/93,H04N5/66,H04N5/91 :2010224652 :04/10/2010 :Japan :PCT/JP2011/070470 :08/09/2011	 (71)Name of Applicant : 1)NEC CASIO Mobile Communications Ltd. Address of Applicant :1753 Shimonumabe Nakahara ku Kawasaki shi Kanagawa 2118666 Japan (72)Name of Inventor : 1)HAGIWARA Hiroshi
 (87) International Publication No. (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	o:WO 2012/046536 :NA :NA :NA :NA	

(57) Abstract :

In order to make it possible to display in an easy to view manner an image list stored in a storage unit and also to quickly display the image list an image display device reads out Exif (registered trademark) image files extracts thumbnail images contained in the Exif (registered trademark) image files generates from these thumbnail images square display images having a predetermined size and displays the same as an image list. Visibility is improved because the image list can be displayed in a state in which the square display images of the same size are arranged side by side with white spaces having been removed. High speed processing is possible because the image list is generated using the thumbnail images contained in the Exif (registered trademark) image files.

No. of Pages : 34 No. of Claims : 6

(21) Application No.21/CHENP/2014 A

(19) INDIA(22) Date of filing of Application :01/01/2014

1/01/2014 (43) Publ

(43) Publication Date : 26/09/2014

(54) Title of the invention : NOVEL POLYAMIDE PROCESS FOR PREPARING SAME AND USES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08G69/26,C08G69/40 :11 56223 :08/07/2011 :France :PCT/EP2012/063092 :05/07/2012 :WO 2013/007585 :NA :NA :NA :NA	 (71)Name of Applicant : 1)RHODIA OPERATIONS Address of Applicant :40 rue de la Haie Coq F 93306 Aubervilliers France (72)Name of Inventor : 1)JEOL Stphane
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel polyamide synthesized from bio based monomers. The novel polyamide comprises the repeating unit having the following formula I: (I) in which A is a covalent bond or a divalent hydrocarbon based group chosen from saturated or unsaturated aliphatics saturated or unsaturated cycloaliphatics aromatics comprising at least 5 carbon atoms arylaliphatics and alkylaromatics; X is a divalent group having the following formula II or III: (II) (III). The present invention also relates to the process for preparing said polyamide to the uses thereof and to articles and compositions comprising said polyamide.

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

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : URINAL AND METHOD FOR REPLACING AN ODOUR SEAL OF A URINAL

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	1:E03C1/28,E03C1/298,E03D13/00 :10 2011 052 370.7 :02/08/2011 :Germany	 (71)Name of Applicant : 1)URIMAT HOLDING AG Address of Applicant :Bellevueweg 1 CH 8832 Wollerau Switzerland
 (86) International Application No Filing Date (87) International Publication No 	:PCT/EP2012/064208 :19/07/2012 :WO 2013/017424	(72)Name of Inventor :1)SCHMED Arthur2)BALKAU Werner
(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 urinal having an odour seal (2). The urinal is characterized by provision of a further odour seal (9) preferably connected in series.

No. of Pages : 22 No. of Claims : 25

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : OSCILLATOR AND PORTABLE DEVICE (51) International classification :H04R3/00,G01S7/521,H04R1/02 (71)Name of Applicant : (31) Priority Document No **1)NEC CORPORATION** :2010245665 (32) Priority Date :01/11/2010 Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo (33) Name of priority country :Japan 1088001 Japan (86) International Application (72)Name of Inventor : :PCT/JP2011/005061 **1)ONISHI Yasuharu** No :09/09/2011 Filing Date 2)KURODA Jun (87) International Publication 3)KOMODA Motoyoshi :WO 2012/060041 No 4)KISHINAMI Yuichiro (61) Patent of Addition to 5)SATOU Shigeo :NA Application Number 6)MURATA Yukio :NA Filing Date 7)UCHIKAWA Tatsuya (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

This oscillator has a first oscillating element (120) a second oscillating element (112) and a control unit (50). The first oscillating element (120) has a first piezoelectric vibrator and the second oscillating element (112) has a second piezoelectric vibrator. The control unit (50) inputs an audible sound signal into the first piezoelectric vibrator in the first oscillating element (120) and inputs a modulation signal of a parametric speaker into the second piezoelectric vibrator in the second oscillating element (112).

No. of Pages : 26 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 26/09/2014

(34) The of the invention. FOLDABLE I	SUILDING UNITS	Γ
(51) International classification(31) Priority Document No(32) Priority Date(32) Names & priority country	:E04B1/344 :61/401049 :06/08/2010	 (71)Name of Applicant : 1)BLU HOMES INC. Address of Applicant :760 Main Street 2nd Floor Waltham
 (33) Name of priority country (86) International Application No Filing Date 	:23/03/2011	MA 02451 U.S.A. (72)Name of Inventor : 1)MICHAUD Dennis
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:WO 2012/018413 :NA :NA	2)ROTHWELL Elizabeth 3)MORTON Everett 4)EASON Steven L. 5)KASSABIAN Paul
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : FOLDABLE BUILDING UNITS

(57) Abstract :

Foldable building units are provided based on structural frame and connection assembly designs that enable greater construction efficiency and flexibility. The structural frame and connection assembly designs allow for easier connection of frame elements in the prefabrication process of the foldable building units and for easier connection of frame elements at the building site for example of foldably connected frame elements after unfolding. They also allow for more finish in the prefabrication process and/or less and faster work at the building site for example by enabling conventional structural lumber grids that can be continuous through the edges and corners of the building envelope for conventional exterior finishing while providing a tight building envelope with reduced heat transfer particularly through the edges of the foldable building unit.

No. of Pages : 47 No. of Claims : 41

(21) Application No.2102/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 26/09/2014

(51) International classification	:F16D1/00	(71)Name of Applicant :
(31) Priority Document No	:61/403600	1)DANA AUTOMOTIVE SYSTEMS GROUP LLC
(32) Priority Date	:17/09/2010	Address of Applicant :3939 Technology Drive PO Box 1000
(33) Name of priority country	:U.S.A.	Maumee OH 43537 U.S.A.
(86) International Application No	:PCT/US2011/001592	(72)Name of Inventor :
Filing Date	:15/09/2011	1)ONEIL Thomas M.
(87) International Publication No	:WO 2012/036738	2)DUTKIEWICZ Jeffrey Allan
(61) Patent of Addition to Application	:NA	3)SMITH Johnny Neal
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SPACER FOR A DRIVESHAFT ASSEMBLY

(57) Abstract :

A tubular shaft (104) comprising a first receiving end portion (110) wherein the receiving end portion has a receiving end portion inner diameter (120) a center portion (112) wherein the center portion has a center portion inner diameter (118) and a hollow interior with a shaft inner surface (114); a driveshaft end component (108) comprising an insert end portion (164) and an attachment end portion (166); and an annular anti fretting spacer (106) comprising a first outer diameter (136) wherein the first outer diameter of the spacer is equal to the receiving end portion inner diameter a second outer diameter and an outer surface (140) wherein a portion of the outer surface is in contact with the shaft inner surface wherein the spacer is disposed on the insert end portion of the driveshaft end component including the spacer is disposed within the receiving end portion with an interference fit and wherein the shaft is rigidly coupled to the driveshaft end component.

No. of Pages : 74 No. of Claims : 26

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : DRAWER FOR FURNITURE

(51) International classification	:A47B77/14,A47B77/16,A47B88/00	(71)Name of Applicant : 1)PAUL HETTICH GMBH & CO. KG
(31) Priority Document No	:10 2011 051 942.4	Address of Applicant : Vahrenkampstrae 12 16 32278
(32) Priority Date	:19/07/2011	Kirchlengern Germany
(33) Name of priority country	y:Germany	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2012/063480 :10/07/2012	1)MTERTHIES Ralf
(87) International Publication No	¹ :WO 2013/010853	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A drawer (1) for furniture in particular kitchen furniture comprises two side frames (4) which are connected to each other via a back wall (3) and a front panel (2) wherein the drawer (1) has a frame (6) on which at least one grate (10) for holding or supporting items (15 16 17) to be stored can be fixed. As a result the grate (10) can be fixed in a simple manner in the drawer and permits good ventilation of the accommodated items.

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

(19) INDIA

(22) Date of filing of Application :03/09/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : REDUCING POWER CONSUMPTION IN A VOLTAGE REGULATOR			
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:G05F :13472461 :15/05/2012 :U.S.A.	 (71)Name of Applicant : 1)Cosmic Circuits Pvt Ltd Address of Applicant :303 A-Block 60 ft road AECS Layout Kundalahalli Bangalore-560037 India Karnataka India 	
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA	1)Prasun Kali Bhattacharyya	
(87) International Publication No	: NA	2)Prakash Easwaran	
(61) Patent of Addition to Application Number Filing Date	:NA :NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

A voltage regulator includes an amplifier a first buffer and a second buffer. The amplifier is designed to generate an error voltage between a reference voltage and a voltage at an output node of the voltage regulator. The first buffer is coupled to receive the amplified error voltage and in response to drive a first pass transistor. The first buffer includes a non-linear resistance element. The resistance of the non-linear resistance element varies non-linearly with a load current drawn from the output node. The second buffer is coupled to receive the amplified error voltage and in response to drive a second pass transistor. The second buffer includes a linear resistance element. The resistance of the linear element is a constant. The use of the non-linear resistance element enables reduction in power consumption in the voltage regulator.

No. of Pages : 19 No. of Claims : 16

(22) Date of filing of Application :18/06/2013

(54) Title of the invention : INTAKE SYSTEM FOR INTERNAL COMBUSTION ENGINES

(51) International classification	:f02m	(71)Name of Applicant :
(31) Priority Document No	:10 2012	1)MAN TRUCK & BUS AG
(32) Priority Date	012 039.7 ·19/06/2012	Address of Applicant :DACHAUER STR. 667, 80995 MUNCHEN Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)MATHIAS BOEGERSHAUSEN 2)BRUNO BARCIELA
(87) International Publication No	: NA	2)DRUNU DARCIELA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Intake system for internal combusti³n engines with m^oltiple cylinders, especially for intake-gas engines, with intake/suction-line arranged between at least one engine-side intake-distributor and a device for feeding of fuel, especially a gas-mixer, is thereby characterized that the intake-line (4; 11) is provided with at least one bent/curved segment (4b, 4c,4d; 11b, 11c, lid), which or one of which has an arch (4d; lid) of more than 180 degree, especially of about 270 degree, where the cross-section form/shape within the arch (4d; lid) has an oval or elliptic design.

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

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR THE RECOVERY OF LITHIUM COBALT OXIDE FROM LITHIUM ION BATTERIES

(51) International classification:H01M10/54,H01M10/052,H01M4/525(31) Priority Document No:61/499498(32) Priority Date (33) Name of priority country:21/06/2011(33) Name of priority country:U.S.A.(86) International Application No Filing Date:PCT/US2012/043119(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2012/177620(62) Divisional to Filing Date:NA :NA(52) All (10):NA :NA	 (71)Name of Applicant : 1)ADVANCED TECHNOLOGY MATERIALS INC. Address of Applicant :7 Commerce Drive Danbury CT 06810 U.S.A. (72)Name of Inventor : 1)POE Sarah L. 2)PARADISE Christopher L. 3)MUOLLO Laura R. 4)PAL Reshma 5)WARNER John C. 6)KORZENSKI Michael B.
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(57) Abstract :

A method of recovering lithium cobalt oxide from spent lithium ion batteries wherein said method is more environmentally friendly than the methods presently known in the art. The method includes a froth flotation step using renewable and biodegradable solvents such as terpenes and formally hydrated terpenes. The method can also include a relithiation step to return the Li:Co ratio back to about 1:1 for use in second life applications.

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

(19) INDIA

(22) Date of filing of Application :02/05/2013

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G01C25/00,G01P21/00 :61/456467 :08/11/2010 :U.S.A. :PCT/US2011/059825 :08/11/2011 :WO 2012/064776 :NA :NA :NA	 (71)Name of Applicant : 1)AlpineRelay Inc. Address of Applicant :214 7th Street Huntington Beach CA 92648 U.S.A. (72)Name of Inventor : 1)LOKSHIN ANATOLE M. 2)KUZKIN Vitaly 3)DVAS Nikolay
(62) Divisional to Application Number Filing Date	:NA :NA	
		1

(54) Title of the invention : DEVICE AND METHOD OF GYRO SENSOR CALIBRATION

(57) Abstract :

Embodiments of the present disclosure are directed to a method and apparatus for calibration of gyro sensors by using magnetic sensor measurements and background computation during normal product operation. In one embodiment magnetic sensor measurements are used to adjust gyro gain by comparing measured magnetic vector orientation with its expected orientation computed from gyro integration. The background process constantly compares this discrepancy for various values of gyro gain and selects the one that minimizes such error on average. In one embodiment device orientation obtained by gyro integration is improved by using magnetic sensor measurements.

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

(21) Application No.366/CHENP/2014 A

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : CEMENTITIOUS COMPOSITION AND ADMIXTURE

 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:C04B24/10;C04B28/02;C04B40/00 :61/500873 :24/06/2011 :U.S.A. :PCT/EP2012/061906 :21/06/2012	 (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)SHENDY Samy M. 2)CONSTANTINER Daniel
Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	NA NA	

(57) Abstract :

A cementitious composition including at least one cementitious and/or pozzolanic material and at least one desugared molasses. A method of preparing a cementitious composition including forming a mixture of water at least one cementitious and/or pozzolanic material and at least one desugared molasses. An admixture for cementitious compositions including: (i) at least one desugared molasses; and (ii) at least one alkanolamine and/or at least one polyhydroxyalkylamine.

No. of Pages : 50 No. of Claims : 14

(22) Date of filing of Application :10/05/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MESSAGING SYSTEM WITH MULTIPLE MESSAGING CHANNELS

(51) International classification (31) Priority Document No	:H04H20/71 :61/413127	 (71)Name of Applicant : 1)FACEBOOK INC. Address of Applicant :1601 Willow Road Menlo Park CA 94025 U.S.A.
(32) Priority Date	:12/11/2010	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)HSIAO Daniel
 (86) International Application No Filing Date (87) International Publication No 	:PCT/US2011/060032 :09/11/2011 :WO 2012/064875	3)ZUCKERBERG Mark E. 4)LAU Kenneth M.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)BAYER Ross David 6)ZHANG Zheng 7)DAVENPORT Benjamin Peter
(62) Divisional to Application Number	:NA	8)DENG Peter Xiu
Filing Date	:NA	9)GERTZFIELD Ben 10)ZHANG Lucy Congyun 11)PERLOW Jonathan David

(57) Abstract :

A messaging system facilitates communication between users through various messaging channels. The messaging system supports multiple communication channels and includes a messaging module that automatically selects one or more of the messaging channels for delivering a message to a recipient of the message using for example a set of policy rules or a trained model. The messaging module may also provide in a user interface for sending and receiving messages a visual indication of the selected messaging channel to the sender of the message to provide the user with transparency about how the message will be delivered. Additionally the message may be delivered via multiple messaging channels where the messaging module may rescind messages from some of the messaging channels upon receiving a reply from the recipient of the message or other confirmation that the recipient has seen the message via one of the communication channels.

No. of Pages : 39 No. of Claims : 43

(19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : TREATMENT FOR HYPOXIA		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		 (71)Name of Applicant : 1)AesRx LLC Address of Applicant :Suite 2 400 Newton MA 02466 U.S.A. (72)Name of Inventor : 1)STERN Warren

(57) Abstract :

The invention provides a method for treating hypoxia in a normal subject comprising administering 5 HMF to the subject.

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

(19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : MODULAR	MOLDING 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 	:B29D29/00 :13/164377 :20/06/2011 :U.S.A. :PCT/US2012/043048 :19/06/2012 :WO 2012/177583 :NA :NA :NA :NA	 (71)Name of Applicant : 1)DAYCO IP HOLDINGS LLC Address of Applicant :2025 W. Sunshine Street Suite L145 Springfield Missouri 65807 U.S.A. (72)Name of Inventor : 1)DIEFENDERFER Randall R. 2)FOSTER Randy C. 3)KARIMIAN Enayat O.

(57) Abstract :

In one embodiment the present invention is a modular molding surface which can be made of a suitable metal or other relatively rigid material to provide superior drive belt formation. In addition the modular nature of the system results in a molding surface which is relatively easy and inexpensive to assemble and repair. More particularly the invention is a molding system including a component formed in a generally closed loop shape and having a plurality of radially extending teeth. The component includes a plurality of discrete segments coupled together.

No. of Pages : 21 No. of Claims : 33

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR DETERMINING A CARBON MONOXIDE LEVEL IN AN OFF-GAS FLOW, IN PARTICULAR A CONTROL DEVICE AND A REGENERATIVELY FIRED INDUSTRIAL FURNACE

(51) International classification	:co7c	(71)Name of Applicant :
(31) Priority Document No	:10 2012 210 753.3	1)SOFTWARE & TECHNOLOGIE GLAS GMBH (STG) Address of Applicant :BAHNHOFSTRASSE 76, 03051,
(32) Priority Date	:25/06/2012	COTBUS-KIEKEBUSCH Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)HEMMANN, PETER
Filing Date	:NA	2)HEELEMANN, HELMUT
(87) International Publication No	: NA	3)SCHULZ, THOMAS
(61) Patent of Addition to Application Number	:NA	4)BIRLE, ANDREAS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for determining a carbon monoxide level in an off-gas flow of a regeneratively fired industrial furnace, in particular a glass melting furnace, in which a lambda probe is introduced in the off-gas flow, and in particular a zirconium oxide solid electrolyte probe is introduced, and at least one cell voltage is provided as a function of time, on the basis of which an oxygen level in the off-gas is determined by means of a first calculation rule, and a carbon monoxide level in the off-gas is determined by means of a second calculation rule. According to the invention, it is proposed that, from the cell voltage, an equilibrium value is determined and a nonequilibrium value elevated relative to the equilibrium value is determined, the equilibrium value being used in order to determine a first carbon monoxide level in the off-gas, characterizing an equilibrium level, and the elevated nonequilibrium value being used in order to determine a second carbon monoxide level in the off-gas, in particular a volume concentration, characterizing a nonequilibrium level.

No. of Pages : 34 No. of Claims : 21

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHODS AND APPARATUS FOR OVERLOAD MITIGATION USING UPLINK TRANSMIT POWER BACKOFF

(51) International classification:H04W52/14,H04W52/(31) Priority Document No:61/522615(32) Priority Date:11/08/2011(33) Name of priority country:U.S.A.(86) International Application No Filing Date:PCT/US2012/050228(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2013/023112(62) Divisional to Filing Date:NA :NA :NA(57) Abstract ::M	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor : 1)EHSAN Navid 2)KLINGENBRUNN Thomas 3)ANDERSON Jon James 4)KRISHNAMOORTHI Deepak 5)XIAO Gang Andy 6)GOWDA Pradeep Sagane 7)BALASUBRAMANIAN Vijay 8)JI Zhu
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(57) Abstract :

Certain aspects of the disclosure relate generally to uplink flow control of wireless devices for mitigation of overload issues. A user equipment (UE) may reduce an average transmit power for the uplink channel based on whether an overload metric (e.g. temperature metric) exceeds a threshold value. The UE may perform duty cycling for an uplink control channel when an overactive uplink control channel is a dominating factor in a thermal issue. The UE may further reduce a maximum power transmit limit (MTPL) for one or more uplink channels such as physical uplink control channel (PUCCH) and physical uplink shared channel (PUSCH).

No. of Pages : 45 No. of Claims : 40

(19) INDIA

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 26/09/2014

(51) International classification	:A43D1/02	(71)Name of Applicant :
(31) Priority Document No	:1112695.0	1)C & J CLARK INTERNATIONAL LIMITED
(32) Priority Date	:25/07/2011	Address of Applicant :40 High Street Street Somerset BA10
(33) Name of priority country	:U.K.	0EQ U.K.
(86) International Application No	:PCT/GB2012/051626	(72)Name of Inventor :
Filing Date	:10/07/2012	1)TOWNS Chris
(87) International Publication No	:WO 2013/014422	2)RICKETT Peter
(61) Patent of Addition to Application	:NA	3)INNES Dan
Number	:NA	4)KINALLY Yaan
Filing Date	.1 17 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : A FOOTGAUGE

(57) Abstract :

There is provided a footgauge (10) having a foot support plate having an upper surface (16) on which the foot (11) is placed with the heel against a fixed heel abutment 18. A touchscreen computer device (TCD) (12) is inserted in a tray below the surface (16) and engages a movable toe abutment (20). The toe abutment (20) is moved into engagement with the foot and the user then and the user then presses a fixed pointer (30) into contact with the screen of the TCD (12). The TCD is programmed and calibrated so as to give a foot length reading which is dependent on how far the toe abutment (20) is moved towards the heel abutment (18).

No. of Pages : 32 No. of Claims : 25

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : ROTOR REFINER PLATE ELEMENT FOR COUNTER ROTATING REFINER HAVING CURVED BARS AND SERRATED LEADING EDGES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:13/07/2012 :WO 2013/010073 :NA :NA :NA	 (71)Name of Applicant : 1)ANDRITZ INC. Address of Applicant :One Namic Place Glens Falls NY 12801 U.S.A. (72)Name of Inventor : 1)GINGRAS Luc
Filing Date	:NA	

(57) Abstract :

A refining plate segment (10) for a mechanical refiner of ligno cellulosic material including: a refining surface on a substrate wherein the refining surface faces a refining surface of an opposing refiner plate the refining surface including bars (18) and grooves (22) between the bars (18) wherein an angle (20) of each bar (18) with respect to a radial line corresponding to the bar increases at least 15 degrees along a radially outward direction and the angle (20) is a holdback angle in a range of 10 to 45 degrees at the periphery of the refining surface and wherein the bars (18) each include a leading sidewall (38) having an irregular surface wherein the irregular surface includes protrusions extending outwardly from the sidewall towards a sidewall on an adjacent bar (18).

No. of Pages : 35 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 26/09/2014

(51) International classification	:B60F3/00	(71)Name of Applicant :
(31) Priority Document No	:1111200.0	1)GIBBS TECHNOLOGIES LIMITED
(32) Priority Date	:30/06/2011	Address of Applicant : Avenue Road Nuneaton Warwickshire
(33) Name of priority country	:U.K.	CV11 4LY U.K.
(86) International Application No	:PCT/GB2012/051550	(72)Name of Inventor :
Filing Date	:02/07/2012	1)GIBBS Alan Timothy
(87) International Publication No	:WO 2013/001318	2)LONGDILL Simon James
(61) Patent of Addition to Application	:NA	3)BAILEY Stephen James
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alesterest		

(54) Title of the invention : AMPHIBIAN

(57) Abstract :

The present invention provides with reference to Figure 2 an amphibian (10) operable in land and marine modes the amphibian (10) comprising a hull (200) at least one discontinuity (wheel bay (116 126)) provided in the hull (200) and at least one retractable wheel or track assembly (110 120) at least partially located in the at least one discontinuity (wheel bay (116 126)). The hull (200) is a planing hull and the at least one discontinuity (wheel bay (116)) is provided in the front half of the hull (200) of the amphibian (10). The amphibian (10) further comprises at least one conduit (214) which opens or is provided with an entry (215) which opens into or at the at least one discontinuity (wheel bay (116)) and is configured for channelling in use fluid away from the at least one discontinuity (wheel bay (116)).

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

		(21) Application No.316/CHENP/2014 A		
(19) INDIA				
(22) Date of filing of Application	on :15/01/2014	(43) Publication Date : 26/09/2014		
(54) Title of the invention : PR	(54) Title of the invention : PROJECTOR AND CONTROL METHOD THEREOF			
(51) International classification	:G03B21/14,G09G5/00,H04N5/74	(71)Name of Applicant :		
(31) Priority Document No	:2011178808	1)RICOH COMPANY LTD.		
(32) Priority Date	:18/08/2011	Address of Applicant :3 6 Nakamagome 1 chome Ohta ku		
(33) Name of priority country	:Japan	Tokyo 1438555 Japan		
(86) International Application No Filing Date	:PCT/JP2012/069637 :26/07/2012	(72)Name of Inventor :1)HASEGAWA Fumihiro2)SUMIYOSHI Shinichi		
(87) International Publication No	:WO 2013/024705			
(61) Patent of Addition to Application Number Filing Date	:NA :NA			
(62) Divisional to Application Number	:NA :NA			

(57) Abstract :

Filing Date

A projector includes an image taking part that takes an image of an area that includes a target onto which an image is projected; a distance measuring part that calculates from taken image data obtained by the image taking part distance data concerning a distance between the target and the image taking part; a plane estimation part that estimates from the distance data a plane corresponding to the target; and a focusing adjustment part that adjusts focusing of the image to be projected based on information concerning the plane.

No. of Pages : 79 No. of Claims : 13

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

(43) Publication Date : 26/09/2014

ELECTRICAL POWER INTO A MEDIUM VOLTAGE POWER SUPPLY GRID :H02J3/38,H01L31/042 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)SMA SOLAR TECHNOLOGY AG :10 2010 060 398.8 (32) Priority Date Address of Applicant :Sonnenallee 1 34266 Niestetal Germany :08/11/2010 (33) Name of priority country 2)ADENSIS GMBH :Germany (86) International Application No :PCT/EP2011/069453 (72)Name of Inventor : Filing Date :04/11/2011 **1)FALK Andreas** (87) International Publication No :WO 2012/062662 2)GERDEMANN Aaron Philipp (61) Patent of Addition to Application **3)NIEBLING Frank** :NA Number 4)BECK Bernhard :NA Filing Date (62) Divisional to Application Number :NA :NA

(54) Title of the invention : METHOD FOR OPERATION OF A PHOTOVOLTAIC INSTALLATION FOR FEEDING

Filing Date

(57) Abstract :

The invention relates to a method for operation of a photovoltaic installation for feeding electrical power into a medium voltage power supply grid (41) with the photovoltaic installation having a multiplicity of photovoltaic modules (11) at least one inverter (21) and at least one medium voltage transformer (31) and with the primary side of the medium voltage transformer (31) being connected directly to an alternating current (AC) low voltage output (24) of the inverter (21) and at least one direct current (DC) switching member (12) being arranged between the photovoltaic modules (11) and a DC input (22) of the inverter (21). The method is distinguished in that when the electrical power produced by the photovoltaic modules (11) in the photovoltaic installation is not sufficient for feeding electrical power into the supply grid (41) the photovoltaic modules (11) are disconnected from an inverter (21) on the DC voltage side while in contrast the inverter (21) remains connected to the medium voltage power supply grid (41) on the AC voltage side by the medium voltage transformer (31). The invention also relates to a photovoltaic installation which is designed to carry out the method.

No. of Pages : 27 No. of Claims : 17

(22) Date of filing of Application :25/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : EXHAUST GAS PROCESSING SYSTEM AND METHOD SPRAY DRYING DEVICE AND METHOD FOR DEHYDRATED FILTRATE FROM DESULFURIZATION WASTEWATER

(51) Internationalclassification(31) Priority Document No	:B01D53/50,B01D1/18,B01D53/77 :2011063363	 (71)Name of Applicant : 1)MITSUBISHI HEAVY INDUSTRIES LTD. Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo
(32) Priority Date	:22/03/2011	1088215 Japan
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication 		 (72)Name of Inventor : 1)UKAI Nobuyuki 2)KAGAWA Seiji 3)NAGAYASU Tatsuto 4)KAMIYAMA Naoyuki
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	5)FUKUDA Toshihiro

(57) Abstract :

This system is equipped with: a boiler (11) for burning fuel (F); an air heater (13) for collecting the heat of exhaust gas (18) from the boiler (11); a first dust collector (14) for removing ash dust in the exhaust gas (18) after heat collection; a desulfurization device (15) for removing sulfur oxides included in the exhaust gas (18) after dust removal by means of an absorbing solution; a dehydrator (32) for removing gypsum (31) from desulfurization wastewater (30) exhausted from the desulfurization device (15); a spray drying device (34) provided with a spraying means for spraying dehydrated filtrate (33) which has come from the dehydrator (32); and an exhaust gas introduction line (L) for introducing part of the exhaust gas (18) to the spray drying device (34).

No. of Pages : 62 No. of Claims : 25

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : APPARATUS AND METHOD FOR SWITCHING REAL TIME MEDIA STREAMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application 	2	 (71)Name of Applicant : 1)INSTITUT FR RUNDFUNKTECHNIK GMBH Address of Applicant :Floriansm¼hlstrae 60 80939 Germany (72)Name of Inventor : 1)LAABS Matthias 2)BERG Markus
No Filing Date	:12/06/2012	3)METZ Andreas 4)VOGL Aylin
(87) International Publication No	:WO 2012/175363	5)LANGHANS Sonja 6)GUIST Herbert
(61) Patent of Addition to Application Number Filing Date	:NA :NA	7)HAUZENEDER Siegfried
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention refers to an apparatus (1) for switching real time media streams of one or multiple sources (Q Q Q) to one or multiple sinks (S S S). The apparatus (1) comprises one or multiple source ports (QA QA QA) for connecting of the one or multiple sources (Q Q Q) as well as one or multiple sink ports (SA SA SA) for connecting of the one or multiple sinks (S S S). The apparatus (1) is adapted to provide a switching sink (S) and to switch it to a real time media stream of a first source (Q). The switching sink (S) is adapted to receive the real time media stream of the first source (Q) in a packet switched format and to forward the received real time media stream in a packet switched format wherein the packets are provided with a first multi point destination address (IPMZ) allocated to the switching sink (S) during forwarding in order to allow for a connecting of the one or multiple sinks (S) with the real time media stream of the first source (Q) forwarded by the switching sink (S). The switching sink (S) represents the source of the real time media stream forwarded by the switching sink (S) from the point of view of the sinks (S S S) connected to the apparatus with which the sinks (S S S) can connect through the multi point destination address (IPMZ). In case this switching sink/source (S) is provided switchable as element or component of the apparatus (1) respectively a transparent switching process can be implemented within the apparatus (1).

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

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : USE OF AMINOCARBOXYLATES IN AGRICULTURE

(51) International classification:C05B17/00,C05B17/02,C05G3/00 (71)Name of Applicant :

	, , ,	
(31) Priority Document No	:11171904.3	1)BASF SE
(32) Priority Date	:29/06/2011	Address of Applicant :67056 Ludwigshafen Germany
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application	DCT/ED2012/0/2100	1)HFFER Stephan
No	:PCT/EP2012/062180	2)GARCIA MARCOS Alejandra
Filing Date	:25/06/2012	3)STAFFEL Wolfgang
(87) International Publication		4)LANG Frank Peter
No	:WO 2013/000844	5)WISSEMEIER Alexander
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date	.1174	
(62) Divisional to Application	:NA	
Number	.NA :NA	
Filing Date		

(57) Abstract :

The use of formulations comprising (A) one or more aminocarboxylates selected from methylglycine diacetate (MGDA) and the alkali metal salts thereof and glutamic acid diacetate (GLDA) and the alkali metal salts thereof (B) at least one inorganic compound selected from inorganic phosphates inorganic phosphites inorganic nitrates ammonium salts and potassium salts and (C) optionally water for applying to plants the ground or growth substrates.

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

(22) Date of filing of Application :02/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : CONFIGURATION OF ACCESSORIES FOR WIRELESS NETWORK ACCESS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:05/07/2011 :U.S.A. :PCT/US2012/044254 :26/06/2012 :WO 2013/006315 :NA :NA	 (71)Name of Applicant : 1)APPLE INC. Address of Applicant :1 Infinite Loop Cupertino CA 95014 U.S.A. (72)Name of Inventor : 1)LOUBOUTIN Sylvain R. Y. 2)GOLEMBESKI Gregg JR. 3)DENISON Allen
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A portable computing device (102) can enable an accessory (104) to access a wireless network. In particular the portable computing device (102) can provide a wireless network access credential to the accessory (104). The accessory (104) can thereafter use the wireless network access a wireless network. The portable computing device (102) can additionally configure an access point (106) that manages the wireless network to permit the accessory (104) to join the wireless network.

No. of Pages : 34 No. of Claims : 25

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : CONVEYING DEVICE WITH A PLANAR CONVEYING ELEMENT

	n:B65G15/60,B65G23/22,B60P1/38	
(31) Priority Document No	:1268/11	1)WRH Walter Reist Holding AG
(32) Priority Date	:29/07/2011	Address of Applicant : Arenenbergstrasse 6 CH 8272
(33) Name of priority country	:Switzerland	Ermatingen Switzerland
(86) International Application No Filing Date	:PCT/CH2012/000169 :19/07/2012	(72)Name of Inventor : 1)WEHNER J ¹ / ₄ rgen
(87) International Publication No	:WO 2013/016833	
(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 conveying device (1) with a circulating planar conveying element (2) comprising an upper section (12 62) and a lower section (13 63). The conveying element (2) is deflected in two mutually opposite head end regions (10 11). The conveying device (1) further contains a supporting device (3) for supporting the upper section (12) of the conveying element (2) in a rolling manner. Furthermore the conveying device (1) comprises a drive device (5) which is arranged in a head end region (10) and which comprises an electric drive motor (21) and a drive shaft (25) that is coupled to said drive motor said drive shaft comprising at least one drive element (24) for driving the conveying element (2) which at least partly loops around the drive element (24 67). The invention is characterized in that the drive motor (5) comprises a motor shaft (31) which leads away from the drive motor on both sides and which is directly or indirectly connected to drive shafts (25) arranged on both sides said motor shaft (31) and drive shafts (25) being arranged in a coaxial manner. The drive device (5) is arranged within the conveying device (1) between lateral terminating devices (37) and between the upper and lower section (12) and the drive device is arranged between the two head ends (10a 11a) of the conveying element (2) in the conveying direction (F).

No. of Pages : 69 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 26/09/2014

(51) International classification	:G01N21/35	(71)Name of Applicant :
(31) Priority Document No	:2011143270	1)OTSUKA PHARMACEUTICAL CO. LTD.
(32) Priority Date	:28/06/2011	Address of Applicant :9 Kanda Tsukasamachi 2 chome
(33) Name of priority country	:Japan	Chiyoda ku Tokyo 1018535 Japan
(86) International Application No	:PCT/JP2012/066446	(72)Name of Inventor :
Filing Date	:27/06/2012	1)FUKUMA Tomohiro
(87) International Publication No	:WO 2013/002291	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1 17 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : DRUG INSPECTION DEVICE AND DRUG INSPECTION METHOD

(57) Abstract :

To provide a drug inspection device and a drug inspection method which are capable of distinguishing between tablets that have different pharmaceutical ingredient amounts and are indistinguishable by appearance. [Solution] The present invention is a drug inspection device for distinguishing between the types of tablets in a tablet packaging process in which a plurality of tablets are conveyed while forming multiple lines in each of which the tablets are housed in respective pockets and have different pharmaceutical ingredient amounts on a line by line basis or a pocket by pocket basis the device being provided with: an irradiation means which irradiates the tablets with a light beam including near infrared radiation; a spectroscope on which reflected light from the tablets are incident; a near infrared radiation image capturing means which captures an image of spectrum dispersed by the spectroscope and generates captured image data; and a control means which processes the captured image data and performs a calculation for distinguishing between the types of the tablets. The near infrared radiation image capturing means captures in one time image capturing images of respective spectra of a predetermined number of pixels allocated to a predetermined length in the direction in which the tablets are arranged in the line and the control means performs control such that the near infrared radiation image capturing means performs at least one time image capturing on the tablets contained in one line calculates average spectral data per tablet by averaging the spectra of pixels on the surface of the tablet on a pocket by pocket basis and distinguishes between the types of the tablets on the basis of the average spectral data.

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

(19) INDIA

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : LIQUID CONTAINER FOR A MOTOR VEHICLE IN PARTICULAR A FUEL CONTAINER (51) International classification :B60K15/035 (71)Name of Applicant : (31) Priority Document No 1)KAUTEX TEXTRON GMBH & CO. KG :10 2011 108 333.6 (32) Priority Date Address of Applicant :Kautexstrasse 52 53229 Bonn Germany :25/07/2011 (33) Name of priority country (72)Name of Inventor : :Germany (86) International Application No :PCT/EP2012/003139 1)KOUKAN Ibrahim Filing Date :25/07/2012 (87) International Publication No :WO 2013/013818 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to a liquid container (1) for a motor vehicle in particular a fuel container (1) having at least one filler tube (4) and having means for operational and filling ventilation comprising at least one operational ventilation line (7) which is connected to an equalizing volume of the liquid container (1) and at least one filling ventilation opening (9) which opens into the equalizing volume. The fuel container (1) according to the invention is distinguished by the fact that the operational ventilation opening (7) is connected to the filler tube (4) outside the container volume in a manner which forms a siphon (8) and that the connection of the operational ventilation line (7) to the filler tube (4) is arranged in such a way that liquid is collected in the siphon (8) during each filling operation and closes the operational ventilation line (7).

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

(21) Application No.274/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : DEVICE FOR GENERATING A GAS JET IN PROCESSES FOR COATING METAL STRIPS

(51) International classification	:C23C2/20	(71)Name of Applicant :
(31) Priority Document No	:MI2011A001131	1)DANIELI & C. OFFICINE MECCANICHE S.P.A.
(32) Priority Date	:21/06/2011	Address of Applicant : Via Nazionale 41 33041 Buttrio Italy
(33) Name of priority country	:Italy	(72)Name of Inventor :
(86) International Application No	:PCT/IB2012/053134	1)VECCHIET Fabio
Filing Date	:21/06/2012	2)CONA Alessandro
(87) International Publication No	:WO 2012/176144	3)CAPORAL Gianluca
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(1

(57) Abstract :

The device has a gas flow levelling pipe (3) which defines a continuous curved development surface (Z) comprising a collector (4) to which a nozzle (10) is fixed a delivery manifold (1) in order to introduce pressurized gas into the pre chamber (2) through the holes (12) a first holed partition (5) and a second holed partition (6) within the levelling pipe (3) arranged perpendicular to the curved development surface (Z) of the pipe (3).

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

(21) Application No.3929/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/05/2013

(43) Publication Date : 26/09/2014

(51) International classification	:H04J3/00	(71)Name of Applicant :
(31) Priority Document No	:2010238394	1)PANASONIC CORPORATION
(32) Priority Date	:25/10/2010	Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
(33) Name of priority country	:Japan	5718501 Japan
(86) International Application No	:PCT/JP2011/074589	(72)Name of Inventor :
Filing Date	:25/10/2011	1)SUGIYAMA Takeshi
(87) International Publication No	:WO 2012/057167	2)MATSUMOTO Tadashi
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		·

(54) Title of the invention : COMMUNICATION SYSTEM AND TRANSMISSION UNIT

(57) Abstract :

Provided are a communication system and transmission unit that can improve the communication speed of communication using superimposed signals. A transmission signal repeatedly sent to a transmission line (2) by a signal transceiver (10) is divided into a plurality of intervals in the time axis direction in each frame. The plurality of intervals includes a superimposition interval for the superimposition of a superimposition signal. A transmission unit (1) has a signal conditioning section (11) for modifying the relative proportion of the superimposition interval to one frame of a transmission signal. The signal conditioning section (11) conditions the ratio of the superimposed interval in accordance with the transmission state of the superimposed signal transmitted and received between second communication terminals (4). Specifically the signal conditioning section (11) conditions the ratio of the superimposed interval so that the ratio of the superimposed interval that occupies a single frame of the transmission signal increases in accordance with the increase in the transmission data transmitted by the second communication terminals (4) using the superimposed signal.

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

(21) Application No.402/CHENP/2014 A

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESS FOR PRODUCING L CARNITINE FROM BETA LACTONES EMPLOYING LIPASES

(51) International classification(31) Priority Document No(32) Priority Date	:C12P13/00,C12P7/42,C12P7/62 :11006163.7 :27/07/2011	 (71)Name of Applicant : 1)LONZA LTD Address of Applicant :Lonzastrasse CH 3930 Visp
(33) Name of priority country	:EPO	Switzerland
(86) International Application N	o:PCT/EP2012/064575	(72)Name of Inventor :
Filing Date	:25/07/2012	1)AVI Manuela
(87) International Publication No	o :WO 2013/014179	2)KLEGRAF Ellen
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Subject of the invention is a process for the production of L carnitine wherein a lactone which is a 4 (halomethyl)oxetane 2 one is converted into L carnitine wherein the process comprises an enzymatic conversion of the lactone into (R) 4 halo 3 hydroxybutyric acid or (R) 4 halo 3 hydroxybutyric acid ester.

No. of Pages : 18 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :11/06/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : TIRE TEST	ING DEVICE	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01M17/02,B60C19/00 :2010-279319 :15/12/2010 :Japan :PCT/JP2011/006937 :13/12/2011 :WO 2012/081226 A1 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KABUSHIKI KAISHA KOBE SEIKO SHO Address of Applicant :10 26 Wakinohama cho 2 chome Chuo ku Kobe shi Hyogo 6518585 Japan (72)Name of Inventor : 1)WAKAZONO Takehiko 2)YOSHIKAWA Tetsuya 3)THOMPSON Glen 4)FUJIEDA Yasuhiko 5)SARUMARU Shogo

(57) Abstract :

To effectively suppress a shift of the rotating axis of an upper chuck with respect to the rotating axis of a lower chuck due to a separating force. [Solution] A tire testing device (1) includes: vertical frames (30a 30b) which are supported by a lower frame (20); a beam (40) which bridges between the vertical frames (30a 30b) and which can move in the vertical direction; an upper chuck (45) attached to the center of the beam (40) said center being in the longitudinal direction of the beam; and a lower chuck (25) attached to the lower frame. When viewed from the vertical direction the rotating axis of an upper rotating member (47) is positioned at the center of a straight line formed by connecting supporting points where each of the vertical frames (30a 30b) supports the beam (40).

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

(19) INDIA

(22) Date of filing of Application :11/06/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ALUMINA C	CATALYST 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 	:B01J21/12 :61/458035 :16/11/2010 :U.S.A.	 (71)Name of Applicant : 1)RHODIA OPERATIONS Address of Applicant :40 rue de la Haie Coq F 93306 Aubervilliers France (72)Name of Inventor : 1)POLLI Andrew 2)FRANCIS Francis 3)ENGLISH Thomas 4)OHTAKE Naotaka 5)LARCHER Olivier

(57) Abstract :

The present invention is directed to a high surface area high pore volume porous alumina comprising: aluminum

oxide optionally silicon oxide and aluminosilicates and optionally one or more dopants said alumina having a specific surface area of from about 100 to about 500 square meters per gram and a total pore volume after calcination at 900°C for 2 hours of greater than or equal to 1.2 cubic centimeters per gram wherein less than or equal to 15% of the total pore volume is contributed by pores having a diameter of less than 10 nm.

No. of Pages : 56 No. of Claims : 17

(22) Date of filing of Application :18/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CLUTCHED DRIVEN DEVICE AND ASSOCIATED CLUTCH MECHANISM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:PCT/CA2011/000981 :24/08/2011	 (71)Name of Applicant : 1)LITENS AUTOMOTIVE PARTNERSHIP Address of Applicant :730 Rowntree Dairy Road Woodbridge Ontario L4L 5T9 Canada (72)Name of Inventor : 1)BOYES Andrew 2)SPICER Gary J.
(87) International Publication No	:WO 2012/024790	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	':NA :NA	

(57) Abstract :

A clutched driven device (10) having a clutch assembly (16) with a first rotary clutch portion (50) a second rotary clutch portion (52) a bearing (54) a wrap spring (56) and an actuator (60). The first rotary clutch portion has an interior clutch surface (76). The first and second rotary clutch portions are rotatably disposed about a rotary axis (70) of the clutched driven device. The bearing is received between the first and second rotary clutch portions and supports the first rotary clutch portion for rotation on the second rotary clutch portion. The wrap spring is disposed radially inwardly of the bearing and has a plurality of helical coils (114) that are received against the interior clutch surface. The actuator is configured to selectively initiate coiling of the wrap spring to cause the helical coils of the wrap spring to disengage the interior clutch surface to a predetermined extent.

No. of Pages : 49 No. of Claims : 17

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : PRINTING DIFFRACTION GRATINGS ON PAPER AND BOARD

(51) International classification :B41M3/00,B41M3/06,B41M3/14 (71)Name of Applicant : (31) Priority Document No :61/499187 1)BASF SE Address of Applicant :67056 Ludwigshafen Germany (32) Priority Date :21/06/2011 (33) Name of priority country (72)Name of Inventor : :U.S.A. (86) International Application **1)RICHERT Michelle** :PCT/IB2012/053100 **2)BOLLE Thomas** No :20/06/2012 Filing Date **3)FLEURY Roland** (87) International Publication :WO 2012/176126 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A method and an apparatus for forming a surface relief microstructure especially an optically variable image on a paper substrate are provided the method comprising the steps of: A) applying a curable composition to at least a portion of the frontside of the paper substrate; B) contacting at least a portion of the curable composition with surface relief microstructure especially optically variable image forming means; C) curing the composition by using at least one UV lamp (1 2 3) which is arranged on the backside of the paper substrate; D) optionally depositing a layer of a transparent high refractive index material and/or a metallic layer on at least a portion of the curable composition peak(s) in the UV A and near VIS range and the curable composition comprises at least a photoinitiator which absorbs in the UV A region and preferably in the near VIS range. A paper product obtainable uses the method and an apparatus for forming a surface relief microstructure on a paper substrate. Surface relief microstructures such as holograms may be replicated rapidly and with accuracy on a paper substrate by using the method and the apparatus.

No. of Pages : 43 No. of Claims : 16

(22) Date of filing of Application :02/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : HOT DIP GALVANIZED STEEL SHEET AND PRODUCTION METHOD THEREFOR

(51) International classification	n:C22C38/00,C21D9/46,C22C38/06	(71)Name of Applicant :
(31) Priority Document No	:2011171520	1)JFE STEEL CORPORATION
(32) Priority Date	:05/08/2011	Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda
(33) Name of priority country	:Japan	ku Tokyo 1000011 Japan
(86) International Application	:PCT/JP2012/070130	(72)Name of Inventor :
No	:01/08/2012	1)KARIYA Nobusuke
Filing Date	.01/08/2012	2)KANEKO Shinjiro
(87) International Publication	:WO 2013/022010	3)NAGATAKI Yasunobu
No		
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.1 17 1	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date		

(57) Abstract :

Provided are: a high strength hot dip galvanized steel sheet having excellent workability and a tensile strength of at least 440 MPa; and a production method therefor. The structure of the steel sheet has a ferrite phase having an area ratio of at least 60% a pearlite phase having an area ratio of 20% 30% and a bainite phase having an area ratio of 1% 5%. The area ratio of a cementite phase inside the ferrite phase particles is no more than 5%. During production a hot rolled sheet or a cold rolled sheet is heated to a temperature of at least 650°C at an average heating speed of at least 10°C/s held at a temperature of 700 (A 5)°C for at least 10 s cooled to a temperature range of 300 500°C at an average cooling speed of 10 200°C/s and after being held at the temperature range of 300 500°C for 30 300 s is hot dip galvanized.

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

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD APPARATUSES AND COMPUTER PROGRAM PRODUCT FOR MULTIMEDIA CONTENT DELIVERY OVER FEMTOCELL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 		 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor : 1)LEE Langwon
Filing Date (87) International Publication No	:04/01/2012 :WO 2012/094429	1)LEE Jangwon 2)SOLIMAN Samir S.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	
Filing Date	:NA :NA	

(57) Abstract :

Systems methods devices and computer program products are described for multimedia content delivery in a femtocell. A mobile device may transmit multimedia content control information via wireless wide area network (WWAN) spectrum to a femtocell. The femtocell may access the multimedia content set forth in the received control information and transmit the multimedia content over white space spectrum to a video display.

No. of Pages : 40 No. of Claims : 34

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR DETERMINING AN OPTIMUM QC STRATEGY FOR IMMEDIATE **RELEASE RESULTS**

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No. 	:G06F19/00 :13/167472 :23/06/2011 :U.S.A.	 (71)Name of Applicant : 1)BIO RAD LABORATORIES INC. Address of Applicant :1000 Alfred Nobel Drive Hercules CA 94547 U.S.A. (72)Name of Inventor :
(31) Priority Document No	:13/167472	1)BIO RAD LABORATORIES INC.
(32) Priority Date	:23/06/2011	Address of Applicant :1000 Alfred Nobel Drive Hercules CA
(33) Name of priority country	:U.S.A.	94547 U.S.A.
(86) International Application No	:PCT/US2012/043582	(72)Name of Inventor :
Filing Date	:21/06/2012	1)PARVIN Curtis Alan
(87) International Publication No	:WO 2012/177904	2)YUNDT PACHECO John C.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention proposes a method for optimizing a quality control strategy for rapid release results. An embodiment of the invention includes generating a set of candidate quality control rules and for each candidate rule computing a maximum number of patient specimens that can be tested between quality control events while keeping the expected number of correctible unacceptable results below a predetermined correctible maximum and keeping the expected number of final unacceptable results below a predetermined final maximum. Furthermore a quality control utilization rate can be computed based on the number of patient specimens tested between each quality control event and the number of reference samples tested at each quality control event. The candidate rule for which the best quality control utilization rate may be selected along with the corresponding number of patients to be tested between each quality control as the optimum quality control strategy.

No. of Pages : 38 No. of Claims : 26

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : DETECTION OF PRAME GENE EXPRESSION IN CANCER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:C12Q1/08,C07K14/47,C07K16/30 :1114919.2 :30/08/2011 :U.K. :PCT/EP2012/066920 :30/08/2012	 (71)Name of Applicant : 1)GLAXOSMITHKLINE BIOLOGICALS S.A. Address of Applicant :rue de lInstitut 89 B 1330 Rixensart Belgium (72)Name of Inventor : 1)MINGUET Catherine
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:WO 2013/030310 :NA :NA :NA :NA	

(57) Abstract :

The present invention relates to PRAME specific primers and probes for use new diagnostic kits and methods. The invention further relates to treatment of specific populations of cancer patients suffering from PRAME expressing tumours.

No. of Pages : 37 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :13/06/2013

(43) Publication Date : 26/09/2014

(51) International classification	:C10L3/08,C07C1/06	(71)Name of Applicant :
(31) Priority Document No	:PA2010 01134	1)HALDOR TOPS [*] E A/S
(32) Priority Date	:20/12/2010	Address of Applicant :Nym,llevej 55 DK 2800 Kgs. Lyngby
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/EP2011/005129	(72)Name of Inventor :
Filing Date	:13/10/2011	1)WIX Christian
(87) International Publication No	:WO 2012/084076	2)SKJ~TH RASMUSSEN Martin Skov
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF METHANE RICH GAS

(57) Abstract :

A process is disclosed for production of a methane rich product gas comprising the steps of (a) providing a feed comprising carbon oxide such as carbon monoxide and/or carbon dioxide hydrogen and at least 1% C2+ hydrocarbons. (b) adding a flow comprising steam to said feed forming a reacting feed mixture (c) reacting said reacting feed mixture in the presence of a catalyst forming a product gas rich in methane (d) withdrawing the methane rich product gas wherein the ratio of water molecules to carbon atoms in higher hydrocarbons S/HHC is below 25 the maximum catalyst temperature T is at least 460°C preferably at least 480°C and even more preferably 500°C and the maximum catalyst temperature is less than the critical carbon formation temperature for the S/HHC value for said catalyst. In a preferred embodiment the recycle is driven by an ejector with steam feed as motive gas.

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

(21) Application No.4901/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 26/09/2014

(51) International classification	:B62D25/20,B62D25/08	(71)Name of Applicant :
(31) Priority Document No	:2010265333	1)HONDA MOTOR CO. LTD.
(32) Priority Date	:29/11/2010	Address of Applicant :1 1 Minami Aoyama 2 chome Minato
(33) Name of priority country	:Japan	ku Tokyo 1078556 Japan
(86) International Application No	:PCT/JP2011/076865	(72)Name of Inventor :
Filing Date	:22/11/2011	1)TOKUMOTO Daisuke
(87) International Publication No	:WO 2012/073753 A1	2)EBISAWA Terukazu
(61) Patent of Addition to Application	· NT A	3)WAKAI Masato
Number	:NA	4)TATSUWAKI Masaaki
Filing Date	:NA	5)NAKAYAMA Manabu
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alextra et :		1

(54) Title of the invention : STRUCTURE FOR REAR PART OF VEHICLE BODY

(57) Abstract :

A vehicle body (11) includes: an opening (15) which is formed in the rear surface; a rear panel assembly (26) having a closed cross sectional shape the rear panel assembly (26) being located at the lower edge (15b) of the opening and extending in the width direction of the vehicle; left and right rear wheel wells (21 21) located in front of the rear panel assembly; and left and right gussets (114 114) for panels the gussets (114 114) connecting the left and right rear wheel wells and the rear panel assembly. Each of the left and right rear wheel wells forms a portion of each of the inner walls (19 19) of the vehicle body side sections and the left and right rear wheel wells have left and right support sections (49 49) for supporting rear dampers (48 48) for the left and right rear suspensions. The left and right gussets for panels extend from the left and right rear wheel wells to the rear of the vehicle body and to the center of the vehicle body in the width direction of the vehicle and are joined to the rear panel assembly.

No. of Pages : 81 No. of Claims : 22

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR REORDERED BINARIZATION OF SYNTAX ELEMENTS IN CABAC

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/514986 :04/08/2011 :U.S.A.	 (71)Name of Applicant : 1)MEDIATEK INC. Address of Applicant :No.1 Dusing Rd. 1st Science Based Industrial Park Hsin Chu Taiwan China (72)Name of Inventor : 1)CHUANG Tzu Der 2)CHEN Ching Yeh 3)HUANG Yu Wen
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(57) Abstract :

A method and apparatus of context based adaptive binary arithmetic encoding/decoding for syntax elements of one or more blocks are disclosed. According to one embodiment of the present invention the binarization results of the x and y positions of the last significant coefficient of a transform unit are reordered by collecting the bypass bins together. According to another embodiment of the present invention binarization results of syntax elements from two or more of four Intra NxN prediction units including prev_intra_luma_pred_flag rem_intra_luma_pred_mode and mpm_idx are reordered by collecting the bypass bins together. In yet another embodiment according to the present invention the binarization results of other syntax elements are also reordered by collecting bypass bins together. Furthermore the above reordering of binarization results may be used for binarization results corresponding to a block and its neighboring blocks.

No. of Pages : 30 No. of Claims : 28

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PASSIVATING METALLIC SURFACES WITH AQUEOUS COMPOSITIONS COMPRISING SURFACTANTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	¹ :PCT/EP2011/067262 :04/10/2011 ¹ :WO 2012/045713 :NA :NA	 (71)Name of Applicant : 1)BASF SE Address of Applicant :67056 Ludwigshafen Germany (72)Name of Inventor : 1)VANDERMEULEN Guido 2)FESSENBECKER Achim 3)LAUBUSCH Bernd 4)WITTELER Helmut 5)TROPSCH J¼rgen
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(57) Abstract :

A method for passivating metallic surfaces wherein the surface is contacted with an aqueous composition comprising at least one water soluble polymer (X) comprising acidic groups and at least one surfactant (T) based on alkoxylated alcohols the pH of the composition being in the range from 0.5 to 5 enables durable protection of the surface.

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

(19) INDIA

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:G06F17/30 :13/167365 :23/06/2011 :U.S.A. :PCT/US2012/042244 :13/06/2012 :WO 2012/177461	 (71)Name of Applicant : 1)SIMPLIVITY CORPORATION Address of Applicant :8 Technology Drive Westborough MA (72)Name of Inventor : 1)KING James E. III
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)STACK Michael T. 3)BEAVERSON Arthur J. 4)BAGBY Steven

(54) Title of the invention : METHOD AND APPARATUS FOR DISTRIBUTED CONFIGURATION MANAGEMENT

(57) Abstract :

Method and apparatus for replicating data structures over a network in which each data structure is assigned an owner node among a plurality of networked peer nodes. Preferably that owner can be ascertained through information in the data structure. When an update to the data structure is desired by a non owner a request to modify the data structure is sent out on the network and when received by the owner the owner performs the modification. The owner node can then notify the other nodes regarding the update. The method implemented through a single writer multiple reader paradigm insures availability partition tolerance and eventual consistency; it avoids the high overhead costs and single point of failure drawbacks of the prior art centralized management and locking protocols. Administrators can connect to any peer node in the network to manage monitor and request modifications to a data structure.

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

(22) Date of filing of Application :02/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : VIDEO IMAGE CODING METHOD VIDEO IMAGE CODING DEVICE VIDEO IMAGE DECODING METHOD VIDEO IMAGE DECODING DEVICE AND VIDEO IMAGE CODING/DECODING DEVICE

	110 43 17 /22	
(51) International classification	:H04N7/32	(71)Name of Applicant :
(31) Priority Document No	:61/576501	1)PANASONIC CORPORATION
(32) Priority Date	:16/12/2011	Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
(33) Name of priority country	:U.S.A.	5718501 Japan
(86) International Application No	:PCT/JP2012/007895	(72)Name of Inventor :
Filing Date	:11/12/2012	1)SUGIO Toshiyasu
(87) International Publication No	:WO 2013/088697	2)NISHI Takahiro
(61) Patent of Addition to Application	:NA	3)SHIBAHARA Youji
Number	:NA :NA	4)TANIKAWA Kyoko
Filing Date	.INA	5)SASAI Hisao
(62) Divisional to Application Number	:NA	6)MATSUNOBU Toru
Filing Date	:NA	7)TERADA Kengo

(57) Abstract :

A video image coding device (100) is provided with an intra/inter prediction unit (107). When in regard to one or more spatially adjacent blocks to be coded contained in a picture to be coded or timewise adjacent respective corresponding blocks contained in a picture that is different from the picture to be coded a movement factor of a corresponding block is selectively added to a list scaling processing is performed of a first movement vector of the corresponding block that is timewise adjacent thereto. In this way a second movement vector is calculated and an evaluation is made as to whether or not this second movement vector is included in a range of a prescribed size. If this second movement vector is included in the range of prescribed size the second movement vector is added to the list.

No. of Pages : 117 No. of Claims : 17

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : MULTI BALLOON DILATION DEVICE FOR PLACING CATHETER TUBES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B17/34,A61J15/00 :61/386793 :27/09/2010 :U.S.A. :PCT/IB2011/054253 :27/09/2011 :WO 2012/042475 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KIMBERLY CLARK WORLDWIDE INC. Address of Applicant :2300 Winchester Road Neenah Wisconsin 54956 U.S.A. (72)Name of Inventor : 1)TAI Kok Ming 2)MCMICHAEL Donald J. 3)ROTELLA John A. 4)GRIFFITH Nathan C. 5)REICHART Emily A. 6)ROWE Courtney E. 7)HOLLEY Steven A. 8)MADSEN Edward B.
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(57) Abstract :

A stoma dilation device that includes a tubular support defining a continuous pathway through the device; at least one inflatable dilation balloon and at least one inflatable retention balloon located on the tubular support; and inflation lumens for each balloon. The inflatable dilation balloon forms at least a first portion of the device and the inflatable retention balloon forms at least a second portion of the device. The inflatable retention balloon is configured to have a diameter upon full unrestrained inflation that is greater than the largest diameter of the inflatable dilation balloon upon inflation.

No. of Pages : 21 No. of Claims : 14

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR APPLYING DISCRIMINATING LAYER ONTO POROUS CERAMIC FILTERS VIA GAS BORNE PREFABRICATED POROUS ASSEMBLIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) Priority Date (35) Name of priority country (35) Name of priority country (36) International Application No Filing Date (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (52) Divisional to Application NA NA 	 (71)Name of Applicant : (71)Name of Applicant : (72)Name of Inventor : (72)Name of Inventor : (72)Name of Inventor J. (72)CAI Jun (72)SOUKHOJAK Andrey (73)NEWMAN Robert A.
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(57) Abstract :

A porous discriminating layer is formed on a ceramic support having at least one porous wall by (a) establishing a flow of a gas stream containing highly porous particles through the support to deposit a layer of the highly porous particles of a ceramic or ceramic precursor onto wall(s) of the support and (b) calcining said deposited layer to form the discriminating layer. This method is an inexpensive and effective route to forming a discriminating layer onto the porous wall.

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

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : COATED OPTICAL F	FIBER	
(51) International classification	:G01N21/00	(71)Name of Applicant :
(31) Priority Document No	:2012- 141152	1)SUMITOMO ELECTRIC INDUSTRIES, LTD. Address of Applicant :5-33, KITAHAMA 4-CHOME, CHUO-
(32) Priority Date	:22/06/2012	KU, OSAKA-SHI, OSAKA Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)TACHIBANA, KUMIKO
Filing Date	:NA	2)FUJII, TAKASHI
(87) International Publication No	: NA	3)TAKADA, TAKASHI
(61) Patent of Addition to Application Number	:NA	4)IWAGUCHI, NORIAKI
Filing Date	:NA	5)YAMAMOTO, YOSHINORI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A coated optical fiber 1 comprising a glass fiber 10 and a primary coating layer 20 on the outer circumference of the glass fiber 10, wherein a resin constituting the primary coating layer 20 contains ingredient (s) having a molecular weight of more than 1,000, which is extracted with methyl ethyl ketone, in an amount of 5% by weight or more and 21% by weight or less and has a Youngs modulus of 0.2 to 1.0 MPa. The resin constituting the primary coating layer 20 of the coated optical fiber 1 has a good curability, and the coated optical fiber 1 exhibits a reduced microbending loss

No. of Pages : 39 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :13/06/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : WELDING I	DEVICE	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B23K9/16,B23K9/095 :2011220584 :05/10/2011 :Japan :PCT/JP2012/004854 :31/07/2012 :WO 2013/051178 :NA :NA :NA :NA	(71)Name of Applicant : 1)PANASONIC CORPORATION Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka 5718501 Japan (72)Name of Inventor : 1)TAKEMURA Kousuke 2)IHARA Hideki 3)TANAKA Yoshiaki

(57) Abstract :

A welding device for which a welding machine is provided along the length of a shield gas supply route running from a gas supply source equipped with a flow adjustment device to a welding torch. With this welding device at least two valves are arranged in series in the shield gas supply route with the first valve located nearer to the welding torch and the second valve located nearer to the gas supply source. When the welding device supplies shield gas to the welding torch the first valve is opened and after a first prescribed time has elapsed from the opening of the first valve the second valve is opened.

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

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CEILING FA	N	
 (54) File of the invention : CEILING FA (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F04D25/08 :2011001741 :07/01/2011 :Japan	(71)Name of Applicant : 1)PANASONIC CORPORATION Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka 5718501 Japan (72)Name of Inventor : 1)IWAMOTO Kiyohiko 2)KURAMOCHI Hiroyuki

(57) Abstract :

A ceiling fan comprises a suspending section and a ceiling fan main body; the ceiling fan main body comprising: a shaft section; a motor unit; a plurality of blade sections; an upper main body cover having a first opening provided at a center section and a second opening provided further outwards of the first opening the first opening being penetrated by the shaft section; and a lower main body cover. The upper main body cover rotates together with the blade sections and has a first wall section that extends upwards from the upper main body cover between the first opening and the second opening.

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

(19) INDIA

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CORNER S	FRUCTURE FOR IC DIE	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		 (71)Name of Applicant : XILINX INC. Address of Applicant :2100 Logic Drive San Jose CA 95124 U.S.A. (72)Name of Inventor : MARDI Mohsen H. MAHONEY David M.

(57) Abstract :

One or more integrated circuit chips (102) are flip chip bonded to a first surface of a substrate (104). A contact array (120) is fabricated on a second surface of the substrate. Corner structures (108 1 10) attached to the integrated circuit chip cover at least two corners of the IC chip.

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

(22) Date of filing of Application :08/09/2010

(43) Publication Date : 26/09/2014

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF LACOSAMIDE

(51) International classification:c07c(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA	 I)AUROBINDO PHARMA LID Address of Applicant :PLOT NO.2, MAITRIVIHAR, AMEERPET, HYDERABAD - 500 038. Andhra Pradesh India (72)Name of Inventor : 1)GARIMELLA K.A.S.S. NARAYAN 2)DANDA SUBBA REDDY
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(57) Abstract :

The present invention relates to an improved process for the preparation of Lacosamide of Formula (I), comprising: O-methylating a compound of Formula (V); in the presence of a methylating agent and a base to produce Lacosamide of Formula (I).

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

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : ROTARY ATOMIZER HAVING ELECTRO MAGNETIC BEARINGS AND A PERMANENT MAGNET ROTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B05B3/10 :61/507864 :14/07/2011 :U.S.A. :PCT/US2012/046657 :13/07/2012 :WO 2013/010075 :NA :NA	 (71)Name of Applicant : 1)DEDERT CORPORATION Address of Applicant :17740 Hoffman Way Homewood IL 60430 U.S.A. (72)Name of Inventor : 1)BAZERGUI Claude
	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	
Filling Date	.11/1	

(57) Abstract :

An improved rotary disc atomizer for use in for example spray dryers or congealers is disclosed. The rotary disc may be directly mounted to the shaft of a high speed electrical motor. The high speed electrical motor comprises a permanent magnet rotor and electro magnetic bearings. The electro magnetic bearings may be supported by one or more upper/lower bearing housings and used to enable frictionless support of the shaft/rotor and rotary disc. The atomizer system may further comprise a gas distributor enabled to dynamically adjust the velocity at which the gas leaves the radial vanes and meets with the atomized droplets.

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

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEMS FOR THE REDUCTION OF LEAKAGE AROUND MEDICAL DEVICES AT A TREATMENT SITE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:61/523225 :12/08/2011 :U.S.A. :PCT/US2012/050313 :10/08/2012 :WO 2013/025493	 (71)Name of Applicant : 1)W.L. GORE & ASSOCIATES INC. Address of Applicant :555 Paper Mill Road P.O. Box 9206 Newark DE 19711 U.S.A. (72)Name of Inventor : 1)CULLY Edward H. 2)DUNCAN Jeffrey B. 3)LUBER Kaylan M.
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	:WO 2013/025493 :NA :NA	2)DUNCAN Jeffrey B. 3)LUBER Kaylan M. 4)MONTGOMERY William D. 5)SHAW Edward E.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A flow reduction system is provided which includes any suitable system installable through and within the vasculature configured to reduce flow of blood and other bodily fluids and includes one or more components configured to fill spaces or gutters around and/or between medical devices installed in the vasculature.

No. of Pages : 34 No. of Claims : 22

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : BIOMARKERS FOR PREDICTING THE EFFICACY OF AN IMMUNOTHERAPY AGAINST CANCER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/416981 :24/11/2010 :U.S.A. :PCT/EP2011/070661 :22/11/2011 :WO 2012/069462 :NA :NA	 (71)Name of Applicant : 1)IMMATICS BIOTECHNOLOGIES GMBH Address of Applicant :Paul Ehrlich Strasse 15 72076 Tuebingen Germany (72)Name of Inventor : 1)WEINSCHENK Toni 2)SINGH Harpreet 3)FRITSCHE Jens 4)MAHR Andrea
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(57) Abstract :

The present invention relates to methods for predicting the effect of an immunotherapy against cancer in a patient based on new biomarkers. The present invention furthermore relates to a prognosis regarding the outcome based on said biomarkers. The present invention furthermore relates to panels of biomarkers for use in the above methods.

No. of Pages : 59 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : VALVE FOR INJECTING FUEL		
 (54) Title of the invention : VALVE FO (51) International classification (31) Priority Document No (32) Priority Date (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)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : 1)PILGRAM Guido
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a valve for injecting fuel comprising a valve adjusting element (2) an armature (3) which is connected to the valve adjusting element (2) an abutment (6) which delimits a movement of the armature (3) and a damping element (5; 10) which is provided between the armature (3) and the abutment (6) wherein the damping element (5; 10) is applied as damping layer on at least a portion of the armature and/or on at least a portion of the abutment (6).

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

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ISOLATION AND EXPANSION OF ADULT STEM CELLS THEIR THERAPEUTIC COMPOSITION AND USES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12N5/074,C12N5/071,C12N5/0775 :P1 2011000923 :28/02/2011 :Malaysia :PCT/IB2012/050893 :27/02/2012 :WO 2012/117333 :NA :NA :NA :NA	 (71)Name of Applicant : 1)STEMPEUTICS RESEARCH MALAYSIA SDN BHD Address of Applicant :Lot G E 2A Enterprises 4 Technology Park Malaysia Bukit Jalil 57000 Kuala Lumpur Malaysia (72)Name of Inventor : 1)GOVINDASAMY Vijayendran 2)BHONDE Ramesh R 3)TOTEY Satish 4)DAS Anjan Kumar
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(57) Abstract :

The present invention discloses highly reproducible and consistent method for large scale production of high quality clinical grade DPSCs in a short time. The present method of DPSC production is economical and produces cells in commercial quantities for use in autologous and allogeneic transplantation therapy. It also discloses a transport medium composition for preservation and protection of the dental pulp. It further discloses a method for producing islet like cell aggregates (ICAs) from DPSC using a 3 step protocol and using specific differentiation composition. The ICAs obtained is used as pharmaceutical composition for treating type I diabetic conditions and also for screening novel anti diabetic compounds.

No. of Pages : 47 No. of Claims : 16

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : IMAGE ENCODING METHOD IMAGE ENCODING DEVICE IMAGE DECODING METHOD IMAGE DECODING DEVICE AND IMAGE ENCODING/DECODING DEVICE

(57) Abstract :

Provided is an image encoding method in which an input image is encoded. The image encoding method includes: a step (S121) in which an offset value is converted into a binary signal said offset value being used in offset processing that is applied to the pixel values of a reconstructed image corresponding to the input image; and a step (S126) in which bypass arithmetic encoding processing that employs a fixed probability is carried out on the binary signal.

No. of Pages : 98 No. of Claims : 5

(21) Application No.2704/CHE/2013 A

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ATTACHMENT PLATE FOR WIRING DEVICE AND WIRING DEVICE ASSEMBLY WITH SAME		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H04L67/00,H04L51/00 :2012-145890 :28/06/2012 :Japan :NA :NA :NA : NA	 (71)Name of Applicant : 1)PANASONIC CORPORATION Address of Applicant :1006, OAZSA KADOMA, KADOMA-SHI, OSAKA 571-8501 Japan (72)Name of Inventor : 1)JONG-HO LEE 2)BYUNG-HOON LEE
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)HO-YUN KANG

(57) Abstract :

An attachment plate for a wiring device is configured to retain at least a wiring device and be fixed to an installation surface of a building, and also configured so that a wall plate for the wiring device, having an opening for exposing a front of the wiring device is detachably attached to a front of the attachment plate. The attachment plate includes: a frame made of metal, configured so that the wiring device is attached to the frame; and an engagement member made from synthetic resin, separately formed from the frame and configured to detachably engage with an engagement portion provided in the wall plate. The engagement member is configured to be attached to the frame from a front side of the frame, and includes a joined part configured to be joined to the frame.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA		(21) Application No.2901/CHE/2012 A
(22) Date of filing of Application :18/07/2012		(43) Publication Date : 26/09/2014
(54) Title of the invention : MOBILE BUG		Г
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:h04m :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant : 1)MRS. N. PRIYADHARSINI Address of Applicant :ASSISTANT PROFESSOR IN PHYSICS, IEDC CENTRE PSGR KRISHNAMMAL COLLEGE FOR WOMEN COIMBATORE - 641 004 Tamil Nadu India (72)Name of Inventor : 1)MRS. N. PRIYADHARSINI

(57) Abstract :

The invention relates to a Mobile bug which is a versatile state-of-art cellular/mobile phone detector. More specifically the invention relates to a Mobile Bug which senses the radio frequency (RF) transmissions from the nearby cellular or mobile phones which will trace and detect both the incoming and outgoing calls from any particular mobile/cellular phones as well as the short messages sent from such mobile/cellular phones. This handy mobile bug or cell phone detector, pocket-size mobile transmission detector or sniffer can sense the presence of an activated mobile cell phone and can be used to prevent use of mobile phones in examination halls, confidential rooms, etc. It is also useful for detecting the use of mobile phone for spying and un-authorized video/text/audio transmission.

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

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : 3 METHANESULFONYLPROPIONITRILE FOR TREATING INFLAMMATION AND PAIN

 (51) International classification (31) Priority Document Not (32) Priority Date (33) Name of priority country (86) International Application No 	:A61K31/10,A61K31/095,C07C255/03 b:61/423485 :15/12/2010 :U.S.A. :PCT/US2011/064590	 (71)Name of Applicant : 1)OLATEC INDUSTRIES LLC Address of Applicant :128 Doral Greens Drive West Rye Brooke New York 10573 U.S.A. (72)Name of Inventor : 1)ST. LAURENT Joseph P.
Filing Date	:13/12/2011	
(87) International Publication No	:WO 2012/082718	
(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 purified 3 methanesulfonylpropionitrile or a pharmaceutically acceptable salt thereof and a method for preparing such compound. The compound has at least 90% (w/w) purity. The present invention is also directed to a pharmaceutical composition comprises the purified compound and a pharmaceutically acceptable carrier. The present invention is further directed to a method for treating inflammation inflammatory related disorders or pain by administering 3 methanesulfonylpropionitrile or a pharmaceutically acceptable salt or solvate thereof to a subject in need thereof.

No. of Pages : 35 No. of Claims : 20

(21) Application No.52/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : MOTOR DRIVE FOR ACTUATING A STEP SWITCH (51) International classification :H01H9/00,G05F1/147 (71)Name of Applicant : (31) Priority Document No :10 2011 112 748.1 1)MASCHINENFABRIK REINHAUSEN GMBH (32) Priority Date Address of Applicant :Falkensteinstr. 8 D 93059 Regensburg :07/09/2011 (33) Name of priority country Germany :Germany (86) International Application No :PCT/EP2012/065600 (72)Name of Inventor : Filing Date **1)BIERINGER Alfred** :09/08/2012 (87) International Publication No :WO 2013/034384 2)HECHTL Marco (61) Patent of Addition to Application **3)SCHMECKEBIER Mario** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to a motor drive for actuating a step switch consisting of a drive motor a load transmission and a control transmission. Means for detecting a torque are provided in the housing of the motor drive said means consisting of a radio requestable surface wave sensor a rotor antenna and a stator antenna.

No. of Pages : 10 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : COMMUNICATION 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 N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01P3/12,H01P1/04,H01P11/00 :2010219081 :29/09/2010 :Japan :PCT/JP2011/070360 :07/09/2011 o:WO 2012/043175 :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)FURUKAWA Eiichi 2)NOMURA Masahiro

(57) Abstract :

The purpose of the present invention is to reduce the cost of a product while ensuring reliability of the product as a wireless transmitting/receiving apparatus. A communication apparatus (ODU) (1) of the present invention said communication apparatus being installed outside is provided with: a housing having housed therein a transmitting unit that transmits signals and a receiving unit that receives signals; and a waveguide which is connected to an external antenna and transmits and receives signals. In the apparatus the waveguide is integrally formed with the housing and a taper (16) is provided in a part of the tube hole of the waveguide.

No. of Pages : 46 No. of Claims : 19

(21) Application No.3361/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/04/2013

(43) Publication Date : 26/09/2014

(51) International classification	:A21C11/00	(71)Name of Applicant :
(31) Priority Document No	:12/940012	1)LAWRENCE EQUIPMENT INC.
(32) Priority Date	:04/11/2010	Address of Applicant :2034 North Peck Road South El Monte
(33) Name of priority country	:U.S.A.	CA 91733 U.S.A.
(86) International Application No	:PCT/US2011/059348	(72)Name of Inventor :
Filing Date	:04/11/2011	1)LAWRENCE Eric C.
(87) International Publication No	:WO 2012/061716	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11 ()		L

(54) Title of the invention : DOUGH FORMING PRESSING PLATE WITH SPACERS

(57) Abstract :

A dough pressing system (100) including means for coupling a cover to a pressing platen (110) wherein the cover can reduce the wear caused to the pressing platen (110) by the heat and pressure used to process one or more products. The cover optionally can be configured to be removably attached to the pressing platen (110) with vacuum pressure. One or more spacers (310a f) are placed between the cover and the pressing platen (110). The thickness of the spacers (310a f) can adjust the thickness and diameter of products processed by the pressing platen (110). For example to increase uniformity among products pressed together in a press cycle the spacers (310a f) can have different thicknesses that correspond with the location of the spacer in the pattern of dough balls (104).

No. of Pages : 71 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : POWER CONTROL IN A MOBILE 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 	:H04W52/28,H04W52/40 :61/430910 :07/01/2011 :U.S.A. :PCT/US2012/020364 :05/01/2012 :WO 2012/094521 :NA :NA	 (71)Name of Applicant : 1)APPLE INC. Address of Applicant :1 Infinite Loop Cupertino California 95014 U.S.A. (72)Name of Inventor : 1)MARQUEZ Alejandro J.

(57) Abstract :

A method and apparatus for controlling transmit power in a mobile wireless device connected simultaneously to two or more cells in a wireless network are described. The mobile wireless device is connected simultaneously to a first cell in the wireless network through a high speed data connection and to a second cell in the wireless network through a low speed voice connection. The mobile wireless device executes received transmit power up and transmit power down control commands received from the first cell. The mobile wireless device executes transmit power up control commands and ignores transmit power down control commands received from the second cell.

No. of Pages : 46 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :08/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : HUMIDIFIER FOR FUEL CELL 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 	:13/01/2012	 (71)Name of Applicant : 1)DANA CANADA CORPORATION Address of Applicant :656 Kerr Street Oakville Ontario L6K 3E4 Canada (72)Name of Inventor : 1)VANDERWEES Doug 2)HASAN Manaf 3)WILSON Jon 4)KUMMEROW Jack

(57) Abstract :

A humidifier for transferring water vapour from a first gas stream to a second gas stream in a fuel cell system comprises a stack of thin plates having planar sealing surfaces at their edges along which they are sealed together. A water permeable membranes is provided between each pair of plates in the stack. Each plate defines a gas flow passage along its top and bottom surfaces with an inlet and outlet defined along edges of the plate and a flow field extending between the inlet and outlet openings. Inlet and outlet passages connect the inlet and outlet openings to the flow field and the planar sealing surfaces on both sides of the plate include bridging portions which extend across the inlet and outlet passages. Support structures such as ribs are provided throughout the flow field and the inlet and outlet passages to support the membrane and diffusion medium layer(s). The support structures may optionally be connected together by webs and the webs are provided with holes to permit flow distribution between the top and bottom of each plate.

No. of Pages : 90 No. of Claims : 31

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : INFORMATION RETRIEVAL SERVICE PROVISION DEVICE AND METHOD BUILDING DEVICE FOR INFORMATION RETRIEVAL SERVICE PROVISION USE DATABASE AS WELL AS COMPUTER PROGRAM SIGNAL

(51) International classification(31) Priority Document No(32) Priority Date	:G06G30/06,G06F17/30,G06Q30/02 :2011011090 :21/01/2011	Technology Address of Applicant :4 2 1 Nukui Kitamachi Koganei shi
(33) Name of priority country(86) International	1	Tokyo 1848795 Japan (72) Name of Inventor :
Application No Filing Date	:PCT/JP2012/051063 :19/01/2012	1)TORISAWA Kentaro 2)OOTAKE Kiyonori
(87) International Publication No	¹ :WO 2012/099196	3)YAN Yulan 4)DE SAEGER Stijn
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)VARGA Istvan 6)KAZAMA Junichi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This information retrieval service system (40) includes: a storage device (64) for storing a question statement corpus; a clustering processing unit (100) for clustering question statements and defining prototypes for each cluster; an auction execution unit (104) for performing auctions for the prototypes; an update unit (112) which associates with each of the question statements winning auction bidders of prototype statements of clusters to which the question statements belong; a question statement URL contrasting database (68) which stores a URL specified by the winning auction bidder for each of the question statements; a question statement retrieval unit (132) which receives a retrieval request in order to retrieve the question statement for which the distance from the retrieval request is shortest; and URL retrieval units (134 136) and a query issuing unit (138) which transmit a query generated on the basis of the retrieval request to the URL corresponding to the retrieved question statement in order to transmit the acquired information to a service usage terminal (48).

No. of Pages : 107 No. of Claims : 16

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MOBILE WIRELESS COMMUNICATIONS DEVICE HAVING A NEAR FIELD COMMUNICATION (NFC) DEVICE AND PROVIDING MEMORY ERASURE AND RELATED METHODS

(51) Internationalclassification(31) Priority Document No	:H04W12/00,H04B5/00,H04W84/18 :61/452511	 (71)Name of Applicant : 1)RESEARCH IN MOTION LIMITED Address of Applicant :295 Phillip Street Waterloo Ontario
(32) Priority Date	:14/03/2011	N2L 3W8 Canada
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)MARCOVECCHIO Vincenzo Kazimierz
(86) International Application No Filing Date	:PCT/CA2012/050150 :14/03/2012	2)SINGH Ravi 3)GAGNE Marie Anita Brigitte
(87) International Publicatio No	ⁿ :WO 2012/122647	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A mobile wireless communications device may include a wireless transceiver a processor coupled with the wireless transceiver and a near field communication (NFC) device coupled with the processor. The NFC device may include an NFC controller an NFC transceiver coupled with the NFC controller and a first memory coupled with the NFC controller. The first memory may be configured to store at least one first application. The mobile wireless communications device may also include a second memory coupled to the processor and configured to store at least one second application. The processor may be configured to disable the NFC transceiver based upon a security condition disable access to the at least one first application erase the at least one second application from the first memory after the reset operation.

No. of Pages : 32 No. of Claims : 25

(22) Date of filing of Application :06/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ADENOVIRUS SEROTYPE 26 AND SEROTYPE 35 FILOVIRUS VACCINES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 		 (71)Name of Applicant : 1)THE GOVERMENT OF THE UNITED STATES OF AMERICA as represented by THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES Address of Applicant :Office of Technology Transfer 6011 Executive Blvd. Suite 325 Rockville Maryland 20852 U.S.A. 2)CRUCELL HOLLAND B.V. (72)Name of Inventor : 1)SULLIVAN Nancy J. 2)NABEL Gary J. 3)ASIEDU Clement 4)CHENG Cheng
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)CHENG Cheng 5)PAU Maria Grazia 6)GOUDSMIT Jaap
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides recombinant adenovirus vectors (serotype 26 and serotype 35) encoding filovirus antigens. The adenovirus vectors can be used to induce protective immune responses against filovirus infection.

No. of Pages : 50 No. of Claims : 35

(22) Date of filing of Application :10/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND DEVICE FOR SENDING AND RECEIVING CONTROL SIGNALLING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H04W4/18,H04W4/20,H04W28/16 :201110111367.7 :29/04/2011 :China :PCT/CN2012/074921 :28/04/2012	 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant :Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China (72)Name of Inventor : 1)GAO Chi 2)MAZZARESE David
Filing Date (87) International Publication No (61) Patent of Addition to		
Application Number Filing Date (62) Divisional to Application	:NA :NA ¹ ·NA	
Number Filing Date	:NA	

(57) Abstract :

Provided are a method and device for sending and receiving control signalling. The method includes: determining the original size of a first group of Downlink Control Information (DCI) formats utilized by the DCI to be sent; determining according to the current transmission configuration a second group of DCI formats that can be utilized in said current transmission configuration; comparing the size of the second group of DCI formats with the original size of the first group of DCI formats and if the second group of DCI formats have DCI formats with the same size then adding bits to the DCI formats in the first group of DCI formats that are the same size as the second group of DCI formats so as to make the size of the first group of DCI formats having the added bits different from that of the second group of DCI formats; and sending the DCI to be sent according to the first group of DCI formats having the added bits. The method and device in the present invention can differentiate the DCI formats under the current configuration is simple to implement and has low overhead.

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

(22) Date of filing of Application :30/04/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : TWO COMPONENT POLYURETHANE ADHESIVES WITH THIXOTROPIC EFFECT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:C08G18/65,C08G18/48,C09J175/04 :NA :NA :NA	 (71)Name of Applicant : 1)HENKEL CHINA CO. LTD. Address of Applicant :Zhangheng Road No.928 Pudong New Area Shanghai 201203 China 2)HENKEL AG & CO. KGAA 3)HENKEL (CHINA) INVESTMENT CO. LTD.
 (86) International Application No Filing Date (87) International Publication No 	:PCT/CN2010/078363 :03/11/2010 :WO 2012/058806	 (72)Name of Inventor : 1)MENG Qingwei 2)ZHAO Yonghua 3)KNIPS Nicole 4)ZHAO Hongxia
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	5)THIELE Lothar

(57) Abstract :

A two component polyurethane adhesive is provided which comprises a component A comprising at least one polyol with a molecular weight of more than 500 g/mol a component B comprising at least one polyisocyanate with a molecular weight of less than 1000 g/mol and additional additives. The component A contains 0.1 to 10 wt.% sterically hindered amines having primary amino groups.

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

(19) INDIA

(22) Date of filing of Application :10/05/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CROSS LINKED POLYOL COATED RELEASE FERTILIZERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C05G3/00,C08G71/04 :61/412,264 :10/11/2010 :U.S.A. :PCT/US2011/059766 :08/11/2011 :WO 2012/064730 A1 :NA :NA :NA	 (71)Name of Applicant : 1)AGRIUM ADVANCED TECHNOLOGIES Address of Applicant :2915 Rocky Mountain Avenue Suite 400 Loveland Colorado 80538 U.S.A. (72)Name of Inventor : 1)MARUVADA Sriramakrishna 2)WYNNYK Nick P. 3)XING Baozhong
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(57) Abstract :

A controlled release fertilizer material comprising a particulate plant nutrient surrounded by a coating including a mixture of a cross linked polyol and an isocyanate and optionally a wax is described. In some embodiments the cross linked polyol can be cross linked with sulfur oxygen and/or a peroxide cross linking moiety. In one embodiment the cross linked polyol is castor oil cross linked with sulfur.

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

(19) INDIA

(22) Date of filing of Application :02/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : ROTARY ELECTRIC 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 	:H02K9/28 :NA :NA :NA	 (71)Name of Applicant : 1)Mitsubishi Electric Corporation Address of Applicant :7 3 Marunouchi 2 chome Chiyoda ku Tokyo 1008310 Japan (72)Name of Inventor : 1)FUKASE Tatsuya 2)FUJITA Masahiko 3)NAKAJIMA Dai 4)ISODA Hitoshi 5)MAEDA Naohide

(57) Abstract :

Provided is a rotary electric machine provided with a brush which is for supplying a field current to the field winding of a rotor a brush holder which holds the brush a power circuit unit which is connected to a heat sink having fins and a case which covers the power circuit unit and the brush holder wherein the rotary electric machine is provided with: a wind path path formed between the brush holder and the heat sink fins; and an opening that is formed to the case in a shape covering the brush holder constituent members and following the outer periphery of the brush holder and that causes cooling wind to pass through the wind path.

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

(19) INDIA

(22) Date of filing of Application :15/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ROCK 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 (62) Divisional to Application Number Filing Date 		 (71)Name of Applicant : 1)WELLTEC A/S Address of Applicant :Gydevang 25 DK 3450 Aller,d Denmark (72)Name of Inventor : 1)HALLUNDB†K J,rgen

(57) Abstract :

The present invention relates to a formation fixation device for securing a tubular in an open hole wellbore the formation fixation device comprising a tubular part a fixation unit and a fluid passage. Furthermore the invention relates to a downhole fixation system for securing a casing comprising a first end and a second end in an open hole wellbore and to a method of permanently fixating a tubular part in an open hole wellbore as well as to use of a formation fixation device according to the invention for fixating a tubular part in an open hole wellbore.

No. of Pages : 25 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :15/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : BALLISTIC RESISTANT ARTICLE COMPRISING A SELF CROSSLINKING ACRYLIC RESIN AND/OR A CROSSLINKABLE ACRYLIC RESIN AND PROCESS TO MANUFACTURE SAID ARTICLE

(51) International classification	:F41H5/04	(71)Name of Applicant :
(31) Priority Document No	:11151240.6	1)Teijin Aramid B.V.
(32) Priority Date	:18/01/2011	Address of Applicant : Velperweg 76 NL 6824 BM Arnhem
(33) Name of priority country	:EPO	Netherlands
(86) International Application No	:PCT/EP2012/050705	2)Barrday Inc.
Filing Date	:18/01/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/098158	1)DE HAAS Marc Jan
(67) International 1 doneation No	A1	2)VAN NOREL Alex
(61) Patent of Addition to Application	:NA	3)VAN BOMMEL Vincent
Number	:NA	4)VAN ROOIJ Ramon
Filing Date		5)CUNNINGHAM Nicolas
(62) Divisional to Application Number	:NA	6)PATEL Chinkalben
Filing Date	:NA	

(57) Abstract :

A ballistic resistant article is presented comprising a plurality of fibrous layers each of said layers comprising a network of fibers wherein the fibers have a strength of at least 800 mN/tex (1100 MPa) according to ASTM D 7269 07 and a matrix material wherein the matrix material comprises a mixture comprising at least one self crosslinking acrylic resin and/or at least one crosslinkable acrylic resin and at least one tackifier. Compared with an article of the same construction but with a matrix material without tackifier the article according to the invention comprises a higher adhesion between the fibrous layers both in the unaged and aged state and a lower water pick up after water soak and the article passes the gasoline soak test. The article additionally comprising a plate of metal or ceramic exhibits minimal or even no delamination of the fibrous layers after ballistic attack whereas an article of the same construction but with a matrix material without tackifier exhibits interior delamination of the fibrous layers.

No. of Pages : 37 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 26/09/2014

(51) International classification :G06Q30/00 (71)Name of Applicant : (31) Priority Document No 1)INFOSYS TECHNOLOGIES LIMITED :NA (32) Priority Date Address of Applicant :Plot No. 44 Electronics City Hosur :NA (33) Name of priority country Road Bangalore 560 100 Karnataka Karnataka India :NA (86) International Application No :PCT/IN2011/000068 (72)Name of Inventor : **1)HOSHING Deepak** Filing Date :31/01/2011 (87) International Publication No :WO 2012/104856 2)SENAKUMARI Arunnima Balakrishnan (61) Patent of Addition to Application 3)THOGARAPALLI Dinesh Chennabasavan :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING ELECTRONIC NOTIFICATION

(57) Abstract :

A system and method for generating an alert mechanism corresponding to an organizational process. comprising one or more core systems is provided. The method includes identifying one or more events corresponding to the organizational process from one or more databases. The method further includes scanning operations and properties associated with and recorded against each object. Input and output parameters associated with each operation are determined and recorded. Thereafter a plurality of alert messages are registered using one or more alert message categories and associated input and output parameters. The system of the present invention is configured to accept subscriptions from one or more customers for receiving alert messages. Relevant information for generating alert messages is sent to each core system of the organizational process and alert messages are then generated based on registration and subscription information.

No. of Pages : 54 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SUPPORT MODULE FOR A SOLAR COLLECTOR HAVING A TRIANGULAR SUBSTRUCTURE (51) International classification :F24J2/14,F24J2/52 (71)Name of Applicant : :P201001653 (31) Priority Document No 1) EUROPEA DE CONSTRUCCIONES MET LICAS S.A. (32) Priority Date Address of Applicant :Ctra. A 376 Sevilla San Pedro de :30/12/2010 (33) Name of priority country Alcintara km. 229 E 41710 Utrera (Sevilla) Spain :Spain (86) International Application No :PCT/ES2011/000382 (72)Name of Inventor : 1)DOM NOUEZ ABASCAL Jos Filing Date :29/12/2011 (87) International Publication No :WO 2012/089870 2)MEDINA ENCINA Fernando (61) Patent of Addition to Application **3)MEDINA REGUERA Fernando** :NA Number 4)CARRASCO GIMENA Maximiliano :NA Filing Date 5)PARRA FERN NDEZ MOTA Jos (62) Divisional to Application Number :NA 6)GARRIDO DELGADO Luis Filing Date :NA

(57) Abstract :

The invention relates to a support module for a solar collector having a triangular substructure formed by: a main structure intended to resist the torsional and bending forces of the collector and an auxiliary structure that balances the assembly and supports the weight of the mirrors and the absorber tube. The main structure includes: a triangular substructure comprising regular pyramids and two half pyramids at the ends bars (5) joining the upper vertex of each pyramid (1) to the upper vertex (1) of the adjacent pyramid or to the upper vertex (1) of the adjacent half pyramid (1) a diagonal bar (4) joining two opposite vertices of the base of each pyramid and two king posts (6) located on each end of the triangular substructure. The auxiliary structure includes: arms (7 7) struts (8 8 8) for each arm (7 7) purlins (9) and supports (11) for the absorber tube (12).

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

(22) Date of filing of Application :15/07/2013

(43) Publication Date : 26/09/2014

(51) International classification	:H04J3/06	(71)Name of Applicant :
(31) Priority Document No	:11305345.8	1)ALCATEL LUCENT
(32) Priority Date	:29/03/2011	Address of Applicant :3 avenue Octave Grard F 75007 Paris
(33) Name of priority country	:EPO	France
(86) International Application No	:PCT/EP2012/054584	(72)Name of Inventor :
Filing Date	:15/03/2012	1)BUI Dinh Thai
(87) International Publication No	:WO 2012/130629 A1	2)LE PALLEC Michel
(61) Patent of Addition to Application	:NA	
Number	.NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METHOD APPARATUS AND SYSTEM FOR TIME DISTRIBUTION IN A TELECOMMUNICATIONS NETWORK

(57) Abstract :

The invention is directed to a clock module and method for distributing a time reference to at least one clock in a packet switched network. The clock module includes a slave port a master port and a local clock. The method comprises the steps of receiving a first synchronization packet at the slave port the first synchronization packet comprising a first master clock timestamp and generating at least one internal signal comprising the first master clock timestamp. The method also includes the steps of transmitting the at least one internal signal to the master port and receiving the at least one internal signal at the master port. Then a method includes determining the internal propagation time of the signal through the clock module and generating a second synchronization packet at the master port comprising a second master clock timestamp the second master clock timestamp comprising the sum of the first master clock timestamp and the internal propagation time. Finally the second synchronization packet is sent to at least one other clock in the packet switched network.

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

(22) Date of filing of Application :15/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MOBILE DEVICE REQUESTS OF NON COMMUNICATION TIME PERIODS (DTX DRX) TO A WIRELESS COMMUNICATION NETWORK

Filing Date IDSPRESSION (87) International :WO 2012/103034 Publication No :WO 2012/103034 (61) Patent of Addition to :NA Application Number :NA Filing Date :NA (62) Divisional to :NA Application Number :NA Filing Date :NA Filing Date :NA	Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:h04H76/04,h04W68/00,h04W88/06 :61/436182 :25/01/2011 :U.S.A. :PCT/US2012/022268 :23/01/2012 :WO 2012/103034 :NA :NA	 (71)Name of Applicant : 1)QUALCOMM Incorporated Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor : 1)MUTYA Subbarayudu 2)SANKA Suresh
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(57) Abstract :

A multi subscription (e.g. DSDS multi SIM) mobile device transmits a request to a mobile communication network (e.g. to a base station of the mobile communication network). The request indicates one or more time periods to allow for listening to a second network requested by the mobile communication device as non communication time periods (e.g. gap cycles or slots) of the wireless communication network with respect to the mobile device. The wireless communication network acknowledges and grants the request. The mobile device utilizes the granted non communication time periods for tuneaways to the second network. The wireless communication network may discontinue communication of data to the mobile device during the non communication time periods.

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

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 26/09/2014

(51) International classification	:B01J23/00	(71)Name of Applicant :
(31) Priority Document No	:13/163325	1)VIERHEILIG Albert A.
(32) Priority Date	:17/06/2011	Address of Applicant : Enviro Innovations LLC 330
(33) Name of priority country	:U.S.A.	Washington Avenue Savannah GA 31405 U.S.A.
(86) International Application No	:PCT/US2012/042781	(72)Name of Inventor :
Filing Date	:15/06/2012	1)VIERHEILIG Albert A.
(87) International Publication No	:WO 2012/174454	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.111/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : METHODS OF RECOVERING RARE EARTH ELEMENTS

(57) Abstract :

Processes described include reacting a fresh or spent catalyst or sorbent with a solution containing an extracting agent (such as an acid or a base). Preferably the catalyst contains both alumina and a molecular sieve (or a sorbent) and the reaction is performed under relatively mild conditions. Thus the catalyst can be re used and in certain instances the catalyst performance even improves. Additionally metals contained in the catalyst such as Na Mg Al P S CI K Ca V Fe Ni Cu Zn Sr Zn Sb Ba Pb or their equivalent oxides can be removed from the catalyst. Some of the metals that are removed are relatively valuable (such as the rare earth elements of La Ce Pr and Nd).

No. of Pages : 43 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING A CONTINUOUS THREAD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:D01D5/16,D01D10/02 :1239/11 :25/07/2011 :Switzerland :PCT/CH2012/000172 :23/07/2012 :WO 2013/013331 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TRTZSCHLER SWITZERLAND AG Address of Applicant :c/o SwissTex Winterthur AG Schlosstalstrasse 45 CH 8406 Winterthur Switzerland (72)Name of Inventor : 1)NASRI Lassaad
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(57) Abstract :

The invention relates to a method and to a device for producing a continuous thread from a synthetic polymer melt. The device comprises a spinning apparatus for extruding and cooling a plurality of filament strands a device for applying a spinning preparation a winding apparatus and a drafting zone for drawing the filament strands that is provided between the spinning apparatus and the winding apparatus. The drafting zone is formed by a feed roller pair and four to six successive drafting roller pairs. The first drafting roller pairs are provided with a heating apparatus and the last drafting roller pair is provided with a cooling apparatus wherein at least one of the two rollers of each drafting roller pair is provided with the heating or cooling apparatus.

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

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ULTRASONIC ACOUSTIC RADIATION FORCE EXCITATION FOR ULTRASONIC MATERIAL PROPERTY MEASUREMENT AND IMAGING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:61/422468 :13/12/2010 :U.S.A. :PCT/IB2011/055437 :02/12/2011 :WO 2012/080895 :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)FRASER John Douglas 2)PETERSON Roy 3)ROBERT Jean Luc 4)SHAMDASANI Vijay 5)XIE Hua
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An ultrasonic diagnostic imaging system for shear wave measurement transmits push pulses in the form of a sheet of energy. The sheet of energy produces a shear wavefront which is a plane wave which does not suffer from the 1/R radial dissipation of push pulse force as does a conventional push pulse generated along a single push pulse vector. The sheet of energy can be planar curved or in some other two or three dimensional shape. A curved sheet of energy can produce a shear wave source which focuses into a thin line which increases the resolution and sensitivity of the measuring techniques used to detect the shear wave effect.

No. of Pages : 30 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :16/07/2013

(54) Title of the invention : ARCHITECTURE OPTIMIZER

(43) Publication Date : 26/09/2014

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(51) International classification	:G06F17/50,G06F15/76	(71)Name of Applicant :
(31) Priority Document No	:13/008,900	1)ALGOTOCHIP CORPORATION
(32) Priority Date	:19/01/2011	Address of Applicant :530 Lakeside Drive Suite 260
(33) Name of priority country	:U.S.A.	Sunnyvale CA 94085 4064 U.S.A.
(86) International Application No	:PCT/US2011/052288	(72)Name of Inventor :
Filing Date	:20/09/2011	1)KADIYALA Suresh
(87) International Publication No	:WO 2012/099625 A1	2)NG Pius
(61) Patent of Addition to Application	:NA	3)PANDURANGAN Anand
Number		4)PADMANABHAN Satish
Filing Date	:NA	5)PLAYER James
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract :

Systems and methods are disclosed to automatically generate a custom integrated circuit (IC) described by a computer readable code or model. The IC has one or more timing and hardware constraints. The system extracts parameters defining the processor architecture from a static profile and a dynamic profile of the computer readable code; iteratively optimizes the processor architecture by changing one or more parameters of the architecture in a hierarchical manner until all timing and hardware constraints expressed as a cost function are met using an architecture optimizer (AO); and synthesizes the generated processor architecture into a computer readable description of the custom integrated circuit for semiconductor fabrication.

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

(19) INDIA

(22) Date of filing of Application :02/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : PNEUMATIC TYRE

(51) International classification	:B60C13/00,B60C15/06,B60C17/00	(71)Name of Applicant : 1)SUMITOMO RUBBER INDUSTRIES LTD.
(31) Priority Document No	:2011166469	Address of Applicant :6 9 Wakinohama cho 3 chome Chuo ku
(32) Priority Date	:29/07/2011	Kobe shi Hyogo 6510072 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/JP2012/068938 :26/07/2012	1)YUKAWA Naoki
(87) International Publication No	:WO 2013/018644	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	NA NA	

(57) Abstract :

To provide a pneumatic tyre (2) which is lightweight and highly durable. [Solution] A tyre (2) is provided with a plurality of dimples (62) in the side wheel (8) thereof. The dimples (62) are lined up in the circumferential direction. The outlines of each of the dimples (62) are rectangles for example. The length of the dimples (62) in the circumferential direction is greater than that in the radial direction. The area occupancy of the dimples (62) is 75 93%. The outlines of the dimples are symmetrical with a straight line extending in the radial direction. The ideal depth of the dimples (62) is 0.5 4.0mm. The margin between a given dimple (62) and another dimple (62) adjacent thereto is ideally 0.3 3.0mm.

No. of Pages : 76 No. of Claims : 20

(22) Date of filing of Application :08/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : DEPOLYMERIZATION PROCESSES APPARATUSES AND CATALYSTS FOR USE IN CONNECTION THEREWITH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:C07C27/22 :61/420961 :08/12/2010 :U.S.A.	 (71)Name of Applicant : 1)MOHANTY Pravansu S. Address of Applicant :23164 Commerce Drive Farmington Hills Michigan 48335 U.S.A.
		11
(33) Name of priority country (86) International Application No	:U.S.A. :PCT/US2011/063947	
Filing Date	:08/12/2011	(72)Name of Inventor :
(87) International Publication No(61) Patent of Addition to Application	:WO 2012/078871	1)MOHANTY Pravansu S. 2)RAMESH Swaminathan
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present disclosure generally relates to processes apparatuses and custom catalysts designed to depolymerize a polymer. In one embodiment the present invention relates to a de polymerizing apparatus catalysts and reaction schemes to obtain useful monomers including fuel products by reactions using coupled electromagnetic induction.

No. of Pages : 49 No. of Claims : 52

(21) Application No.5607/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :15/07/2013

(43) Publication Date : 26/09/2014

(51) International classification :H04W36/30 (71)Name of Applicant : (31) Priority Document No 1)HUAWEI TECHNOLOGIES CO. LTD. :201110004298.X (32) Priority Date Address of Applicant : Huawei Administration Building :10/01/2011 (33) Name of priority country Bantian Longgang Shenzhen Guangdong 518129 China :China :PCT/CN2012/070143 (72)Name of Inventor: (86) International Application No 1)LI Bingzhao Filing Date :09/01/2012 (87) International Publication No :WO 2012/094972 2)GAO Yongqiang (61) Patent of Addition to Application **3)CHEN Yanyan** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : FREQUENCY POINT INFORMATION PROCESSING METHOD AND USER EQUIPMENT

(57) Abstract :

Disclosed are a frequency point information processing method and a user equipment. The frequency point information processing method comprises: receiving a measurement control message sent by network equipment the measurement control message comprising frequency information of inter frequency measurement without start of a compressed mode; and if a type of the frequency information comprised in the measurement control message of the inter frequency measurement without start of a compressed mode is different from a type of stored frequency information of inter frequency measurement without start of the compressed mode clearing the stored frequency information of the inter frequency measurement without start of the compressed mode. The technical solution disclosed in the present invention prevents the problem of failed measurement when a UE measures an adjacent frequency without starting a compressed mode.

No. of Pages : 36 No. of Claims : 19

(22) Date of filing of Application :18/07/2013

(43) Publication Date : 26/09/2014

(51) International classification :H04W72/08 (71)Name of Applicant : (31) Priority Document No **1)OUALCOMM INCORPORATED** :61/442641 (32) Priority Date Address of Applicant :ATTN: International IP Administration :14/02/2011 (33) Name of priority country 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/024896 (72)Name of Inventor : Filing Date :13/02/2012 1)LUO Xiliang (87) International Publication No :WO 2012/112455 2)XU Hao (61) Patent of Addition to Application **3)CHEN Wanshi** :NA Number 4)JI Tingfang :NA Filing Date 5)GAAL Peter (62) Divisional to Application Number :NA 6)MONTOJO Juan Filing Date :NA

FEEDBACK IN WIRELESS NETWORKS WITH DISTRIBUTED REMOTE RADIO HEADS

(54) Title of the invention : SELECTING ANTENNA PORTS FOR REFERENCE SIGNAL BASED ON MOBILITY AND CSI

(57) Abstract :

Wireless networks may include remote radio heads (RRHs) for extending the coverage of a macro cell. The macro cell may be connected to the RRHs for example by optical fiber and there may be negligible latency between the macro cell and the RRHs. As a user equipment (UE) moves within the macro cell or between other macro cells mobility procedures followed by the UE may vary based on the release of the UE (e.g. Rel 8/9 Rel 10 or Rel 11 and beyond). The macro cell may handle all the scheduling within the cell for itself and the RRHs. The method comprises the steps of: Receiving CSI feedback from a user equipment based on the CSI feedback select one or more antenna ports for transmitting reference signals wherein the one or more antenna ports are a least antenna ports of a base station or antenna ports of remote radio heads under control of the base station determine whether to update the selection of the one or more antenna ports based at least in part on a change in location or a mobility of the user equipment.

No. of Pages : 48 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :08/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : LATCH SYS	TEM	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E05B61/00 :13/012747 :24/01/2011 :U.S.A.	 (71)Name of Applicant : 1)CAREFUSION 303 INC. Address of Applicant :3750 Torrey Valley Court San Diego California 92129 U.S.A. (72)Name of Inventor : 1)WEBER Frank Dean 2)POTAKOWSKYJ Christoph 3)POLLHAMMER Johannes

(57) Abstract :

A container is disclosed that has a housing and a lid. The lid has a planar portion and a latch that is freely movable parallel to the planar portion of the lid. The latch has a retention feature and a first reference surface that is perpendicular to the planar portion of the lid. There is a latch mechanism coupled to the housing that has an engagement element configured to engage the retention feature of the latch and a first alignment feature having a first alignment surface. The first alignment feature is configured to laterally displace the latch in a first direction such that the first reference surface aligns with the first alignment surface when the lid is brought together with the housing with the fastener laterally displaced away from the engagement element in a second direction that is opposite to the first direction.

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

(19) INDIA

(22) Date of filing of Application :15/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : WELL COMPLETION

(31) Priority Document No	:10195813.0 :17/12/2010	 (71)Name of Applicant : 1)WELLTEC A/S Address of Applicant :Gydevang 25 DK 3450 Aller,d Denmark (72)Name of Inventor : 1)HALLUNDB†K J,rgen 2)HAZEL Paul
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(57) Abstract :

The present invention relates to a completion assembly for running into a borehole in a formation through a well head or blowout preventer comprising a casing string having a first end and a second end and a drill pipe having a first end and a second end and extending through the well head or the blowout preventer and being releasably connected at the first end with the casing string. Furthermore the invention relates to a completion method for completing a casing string. Moreover the invention relates to a completion kit for making a completion assembly according to the present invention.

No. of Pages : 38 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :15/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : DOWNHOLE COMPLETION		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:E21B21/10,E21B34/14 :10195577.1 :17/12/2010 :EPO :PCT/EP2011/073101 :16/12/2011 :WO 2012/080487 :NA :NA	 (71)Name of Applicant : WELLTEC A/S Address of Applicant :Gydevang 25 DK 3450 Aller,d Denmark (72)Name of Inventor : HALLUNDB†K J,rgen
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a downhole completion comprising a production casing (4) and a sliding sleeve assembly (1) connected as part of a production casing comprising a tubular part (2) and a tubular sleeve (2b).

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

(19) INDIA

(22) Date of filing of Application :02/01/2014

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:61/494298 :07/06/2011 :U.S.A. :PCT/US2012/041345 :07/06/2012	 (71)Name of Applicant : 1)ONE S.R.L. Address of Applicant :Piazza San Sepolecro 1 I 20123 Milano Italy 2)GELESIS IP LP (72)Name of Inventor :
(86) International Application No	:07/06/2012 :WO 2012/170682	2)GELESIS IP LP
Number Filing Date (62) Divisional to Application Number	:NA :NA :NA	3)ZOHAR Yishai 4)HAND Barry Joseph 5)RON Eyal S.
Filing Date	:NA	

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

(57) Abstract :

The present invention provides a method of producing a polymer hydrogel comprising the steps of: (1) preparing an aqueous solution of a water soluble polysaccharide derivative and a polycarboxylic acid; (2) optionally agitating the solution for example by stirring; (3) isolating a polysaccharide derivative/polycarboxylic acid composite from the solution; and (4) heating the polysaccharide derivative/polycarboxylic acid solution 80 °C thereby cross linking the polysaccharide with the polycarboxylic acid. The invention also provides polymer hydrogels produced by the methods of the invention.

No. of Pages : 70 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :19/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : THERMAL REACTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C10B1/04,C10B53/07,C10G1/10 :10 2011 000 037.2 :05/01/2011 :Germany :PCT/DE2012/100002 :03/01/2012	 (71)Name of Applicant : 1)PYRUM INNOVATIONS INTERNATIONAL S.A. Address of Applicant :82 route dArlon L 1150 Luxemburg Luxembourg (72)Name of Inventor : 1)SCHULZ Klaus Peter
(87) International Publication No	:WO 2012/092924	
(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 thermal reactor for the continuous thermolytic recycling of granules obtained from scrap tyres remains left over from vulcanization and scrap plastics and of similar products. To develop a continuously operating thermal reactor for such a pyrolysis process that allows granules obtained from scrap tyres remains left over from vulcanization and scrap plastics to undergo continuous thermolytic recycling without additional motor driven rotating conveying and mixing devices or pneumatic breaking up devices it is proposed by the invention that the thermal reactor has a run in part a heating zone middle part and a run out part which are arranged vertically one below the other that in the heating zone middle part there is arranged centrally in the thermal reactor an extraction pipe the lateral surface of which has numerous holes and/or slits for dissipating the short chain hydrocarbon compound vapours from the extraction pipe are provided and that in the heating zone middle part there are arranged on the outer lateral surface a multiplicity of radially arranged heating plates which are arranged offset from one another on the heating levels lying one above the other. It has been found within the scope of the invention that in spite of the poor heat conduction of these materials it is possible with such a vertical thermal reactor to recycle granules obtained from scrap tyres remains left over from vulcanization and scrap plastics in continuous operation since they are subjected to homogeneous mixing and heating.

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

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SELECTIVE SEED LAYER TREATMENT FOR FEATURE PLATING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	n :H05K3/10,H05K3/18,C23C18/30 :12/958638 :02/12/2010 :U.S.A. :PCT/US2011/063163 :02/12/2011 :WO 2012/075450 :NA :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)BCHIR Omar J. 2)SHAH Milind P. 3)MOVVA Sashidhar
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(57) Abstract :

Conventional metallization processes fail at high density or small feature size patterns. For example during patterning dry films may collapse or lift off resulting in short circuits or open circuits in the metallization pattern. An exemplary method for metallization of integrated circuits includes forming features (520) such as trenches pads and planes in a dielectric layer (504) and depositing and selectively treating a seed layer (506) in desired features of the dielectric layer. The treated regions of the seed layer (508) may be used as a seed for electroless deposition of conductive material (510) such as copper into the features. When the seed layer is a catalytic ink the seed layer may be treated by curing the catalytic ink with a laser.

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

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR AUTOMATIC AND DYNAMIC LAYOUT DESIGN FOR MEDIA BROADCAST

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:12/07/2012 :WO 2013/009996 :NA :NA :NA	 (71)Name of Applicant : 1)WATCHITOO INC. Address of Applicant :24 W. 40th Street 14th Floor New York NY 10018 U.S.A. (72)Name of Inventor : 1)ZAROM Rony
Filing Date	:NA	

(57) Abstract :

A system device and method for automatic layout design. A first set of media objects may be displayed in a broadcast within a first layout. A request may be received to change the first set of media objects to a second set of media objects to be displayed in the broadcast. A plurality of different candidate layouts may be provided wherein each of the different candidate layouts is predefined to display a different set of media objects. A second layout may be selected from among the plurality of different candidate layouts may be displayed in the second layout is predefined to display the second set of media objects. The second set of media objects may be displayed in the broadcast within the second layout. In some embodiments the displayed layout may be switched from the first layout to the second layout in real time for example as the request is received.

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

(21) Application No.55/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : CURED IN PLACE PIPE REHABILITATION PROCESS AND SUCH CURED IN PLACE PIPE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F16L55/165,B29C63/00,E03F3/00 :61/505573 :08/07/2011 :U.S.A. :PCT/US2012/043730 :22/06/2012	 (71)Name of Applicant : 1)DOW GLOBAL TECHNOLOGIES LLC Address of Applicant :2040 Dow Center Midland MI 48674 U.S.A. (72)Name of Inventor : 1)KARUNAKARAN Radhakrishnan 2)TURAKHIA Rajesh
(87) International Publication No	:WO 2013/009452	
(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 process comprising: (a) preparing a curable epoxy anhydride thermoset composition; and (b) applying said curable epoxy anhydride thermoset composition in a cured in place pipe rehabilitation process is disclosed. The cured in place pipe application utilized can generally be the Inversion Installation Method or the Pull in Installation Method. The invention also relates to a cured in place pipe that is prepared by this process.

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

(22) Date of filing of Application :19/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ANALYSIS OF MITRAL REGURGITATION BY ULTRASONIC IMAGING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:A61B8/06,G01S7/52,G01S15/02 :61/426669 :23/12/2010 :U.S.A. :PCT/IB2011/055739 :16/12/2011 :WO 2012/085797	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)WEI Qifeng 2)THIELE Karl 3)YOGANATHAN Ajit
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	4)YAP Choon Hwai

(57) Abstract :

An ultrasonic diagnostic imaging system is described which quantifies regurgitant flow through a mitral valve. A flow quantification processor (34) in the ultrasound system produces a mathematical model of a flow velocity field proximal to a regurgitant orifice. The velocity field model produces values of velocity vectors directed toward the regurgitant orifice. These modeled values are modified for the effects of ultrasound physics and ultrasound system operation to produce expected velocity values. The expected velocity values are compared with actual Doppler velocities measured by the ultrasound system and the differences accumulated to a mean square error which is used to adjust parameters of the model such as the orifice location and flow velocities. When this iterative processing converges with a desired comparison parameters derived from the finally adjusted model are used to calculate the true orifice location flow rate and volume flow.

No. of Pages : 34 No. of Claims : 17

(21) Application No.2442/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : TENSIONER WITH EXPANDING SPRING FOR RADIAL FRICTIONAL ASYMMETRIC DAMPING			
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16H7/12 :12/874797 :02/09/2010 :U.S.A.	 (71)Name of Applicant : 1)DAYCO IP HOLDINGS LLC Address of Applicant :2025 W. Sunshine Street Suite L145 Springfield Missouri 65807 U.S.A. (72)Name of Inventor : 1)FERGUSON Joshua J.B. 2)LANNUTTI Anthony E. 	

(57) Abstract :

A tensioner is disclosed that may be part of a power system where the tensioner provides tension to an endless power transmitting element such as a belt chain or other continuous loop. The tensioner has an arm that is rotatable about a first axis and includes an arm arbor having a slot therethrough a bushing having a protrusion and being positioned adjacent the arm arbor with the protrusion received in the arm arbor s slot and a spring coupled to the arm urging the arm to rotate about the first axis into tensioning engagement with a power transmitting element. The spring is positioned where it can radially expand into contact with the protrusion of the bushing as the arm is rotated in a direction opposite the direction of tensioning engagement such that the bushing is urged radially outward relative to the arm arbor to provide frictional damping.

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

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR DETERMINATION OF A BRAINSTEM RESPONSE STATE DEVELOPMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B5/0484,A61B5/12 :10175201.2 :03/09/2010 :EPO :PCT/EP2011/065340 :05/09/2011 :WO 2012/028749 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SENSODETECT AB Address of Applicant :Kyrkogatan 19 S 222 22 Lund Sweden (72)Name of Inventor : 1)K,,LLSTRAND Johan
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(57) Abstract :

A system method and computer program are disclosed that are adapted to detect a lateral brainstem response state development of a subject over a period of time as a function of a population of neurons evoked response patterns to sound stimuli. In these a sound stimuli generating unit is operative to repeatedly send a sound stimulus to the subject to evoke the neurons response patterns. The sound stimulus comprises a first and at least a second consecutive train of sounds pulses. A detection unit is operative to detect a brainstem response signal related to the neurons response patterns wherein a first response signal is caused by the first train of sound pulses and a second response signal is caused by the second train of sound pulses. A storage unit may be included that is operative to store information based on the brainstem response signals. Further a control unit is operative to determine the lateral brainstem response state development based on a comparison between the first and second response signals.

No. of Pages : 50 No. of Claims : 33

(21) Application No.4930/CHENP/2013 A

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : BI COMPONENT SPANDEX WITH SEPARABLE REDUCED FRICTION FILAMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/427515 :28/12/2010 :U.S.A. :PCT/US2011/036953 :18/05/2011	 (71)Name of Applicant : 1)INVISTA TECHNOLOGIES S.A.R.L. Address of Applicant :Zweigniederlassumg St. Gallen Pestalozzistrass 2 CH 9000 St. Gallen Switzerland (72)Name of Inventor : 1)SMITH Steven W. 2)LEUNG Raymond S.P.
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(57) Abstract :

Disclosed herein are spandex fibers having reduced friction combined to provide a multiple end spandex package. The spandex fibers have a sheath core cross section with a lubricating additive is included in the sheath. A fusing additive specifically excluded to avoid coalescence among the individual filaments in the yarn. When combined in a yarn package the multiple filaments are separable.

No. of Pages : 35 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :16/12/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MODULAR ASSEMBLY OF A PUSHER		
(51) International classification:F16(31) Priority Document No:121	 6B (71)Name of Applicant : 198852.1 1)MECO S.A. 12/2012 Address of Applicant :SCHUTZENGASSE 30, 2540 O GRENCHEN Switzerland (72)Name of Inventor : 1)BRISWALTER, SEBASTIEN A 2)WAECKERLIN, SIMON 3)RICO, WALTER 	
8		

(57) Abstract :

Method for the modular assembly of a pusher to a watch case (100) including a preliminary step of assembling a sealed functional module (10), including a tube (7), a stem (8), at least one sealing gasket (5) and a return spring (3) arranged between a first fixed stop member and a second moveable stop member, and then a first step (E1) of assembling the sealed functional module (10) to the case (100), and finally a second step (E2) of assembling a pusher head (1) to the sealed functional module (10).

No. of Pages : 18 No. of Claims : 13

(22) Date of filing of Application :23/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHODS AND APPARATUS FOR EVALUATING NUMBER OF PROTECTED ACTIVE USERS BASED ON QOS REQUIREMENTS THROUGHPUT AND TRAFFIC

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W72/08 :61/442670 :14/02/2011 :U.S.A. :PCT/US2012/025056 :14/02/2012 :WO 2012/112559 :NA :NA :NA :NA	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A. (72)Name of Inventor : 1)BARBIERI Alan 2)GUPTA Ajay 3)JAIN Vikas 4)SONG Osok
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(57) Abstract :

Certain aspects of the present disclosure propose methods and apparatus to transmit information about number of active UEs in a cell (e.g. pico cell) that need protection to an interfering cell (e.g. a macro cell). The information may be transmitted in a resource status update message. The active users may be defined as users whose downlink performance and/or quality of service are limited by the available number of protected resources.

No. of Pages : 42 No. of Claims : 44

(19) INDIA

(22) Date of filing of Application :05/07/2013

(54) Title of the invention , TAMPED EVIDENT EASTENIED

(43) Publication Date : 26/09/2014

(54) Title of the invention : TAMPER EV	IDENT FASTENER	
(51) I. (F05D(1/00	
(51) International classification	:E05B61/00	(71)Name of Applicant :
(31) Priority Document No	:13/012762	1)CAREFUSION 303 INC.
(32) Priority Date	:24/01/2011	Address of Applicant :3750 Torrey Valley Court San Diego
(33) Name of priority country	:U.S.A.	California 92129 U.S.A.
(86) International Application No	:PCT/US2012/022256	(72)Name of Inventor :
Filing Date	:23/01/2012	1)WEBER Frank Dean
(87) International Publication No	:WO 2012/103029	2)POTAKOWSKYJ Christoph
(61) Patent of Addition to Application	:NA	3)POLLHAMMER Johannes
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A container is described. The container includes a receptacle lid and fastener. The receptacle includes a latch. The lid is coupled to the receptacle and moves between an open and a closed position. The fastener is coupled to the lid and fastens the lid to the receptacle. The fastener includes first second third and fourth portions. The first portion is coupled to the lid and extends along a first axis that is perpendicular to a plane of the lid when the lid is in the closed position. The second portion is coupled to the first portion and extends along a second axis that is perpendicular to the first axis. The third portion is coupled to the second portion and extends along an axis that is parallel to the first axis. The fourth portion is coupled to the third potion and includes a contact member that couples to the latch.

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

(22) Date of filing of Application :11/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR SENDING AN ENHANCED VISUAL VOICE MAIL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:H04L12/58,H04L29/06,H04W4/12 :3814/CHE/2010 :13/12/2010 :India	 (71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea (72)Name of Inventor :
(86) International Application No Filing Date	:13/12/2011	1)PATTAN Basavaraj Jayawant
(87) International Publication No	:WO 2012/081889	
(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 method and system for an enhanced visual voice mail (VVM). In one embodiment emotion and blank indications are included in a voice mail (VM) and deposited on a server. The server may send a SYNC SMS notification including emotion and blank indication headers to the client via the VM server. The client initiates IMAP connection setup to the VM server and the user is authenticated by the VVM server based on the received SYNC SMS notification. Then the client may select VM INBOX and then the VM server sends a list of VM available for playback. Further the client may fetch VM headers of the VMs available for playback and as a result the server returns the header information including emotion and blank indications. Moreover the server returns the VM selected by the client based on the emotion and blank indication.

No. of Pages : 19 No. of Claims : 1

(22) Date of filing of Application :18/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PATIENT CONTROLLED AEROSOL ADMINISTRATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (63) Date 	 (71)Name of Applicant : 1)CAREFUSION 303 INC. Address of Applicant :3750 Torrey View Court San Diego CA 92130 U.S.A. (72)Name of Inventor : 1)LEWIS Stephen 2)WESTFALL Thomas 3)BLANSFIELD Terry
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(57) Abstract :

A system and method of controlling the administration of a medical substance is disclosed. An aerosol generator is configured to aerosolize a medical substance and administer the aerosolized medical substance to a patient using a ventilator. The patient is provided with a patient control interface through which the patient initiates the administration of a dose of the aerosolized medical substance. A processor is configured to control the ventilator and the aerosol generator in response to the patient control interface such that the patient controls the administration of the aerosolized medical substance in accordance with limits on the administration of the medical substance.

No. of Pages : 28 No. of Claims : 23

(21) Application No.5876/CHENP/2013 A

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : LITHOGRAPHIC PRINTING PLATE PRECURSOR AND PLATE MAKING METHOD THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (33) Name of priority country (34) International Application No (35) PCT/JP2011/063305 (36) International Publication No (37) International Publication No (38) International Publication No (39) International Publication No (39) International Publication No (30) International Publication No (31) Publication No (32) Publication No (32) Publication No (33) Publication No (34) International Publication No (36) International Publication No (36) International Publication No (37) International Publication No (38) International Publication No (38) International Publication No (38) International Publication N	 (71)Name of Applicant : FUJIFILM Corporation Address of Applicant :26 30 Nishiazabu 2 chome Minato ku Tokyo 1060031 Japan (72)Name of Inventor : I)IWAI Yu NAKAYAMA Takafumi OOHASHI Hidekazu MORI Takanori
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(57) Abstract :

To provide a lithographic printing plate precursor which is capable of undergoing image recording with laser light and on press development or development with an aqueous solution having pH of 11 or less is excellent in developing property after the passage of time and exhibits high printing durability and good stain resistance after the passage of time the invention is directed to a lithographic printing plate precursor comprising a support and an image recording layer containing (A) a polymerization initiator (B) a sensitizing dye and (C) a polymerizable compound wherein the image recording layer or an undercoat layer which is optionally provided between the support and the image recording layer contains (D) a polymer compound containing (a1) a repeating unit having a side chain having a side

No. of Pages : 82 No. of Claims : 10

(21) Application No.440/CHENP/2013 A

(22) Date of filing of Application :18/01/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ISOLATION PULLEY WITH OVERRUNNING AND VIBRATION DAMPING CAPABILITIES

	n:F16D7/00,B60K25/00,F16D13/12	
(31) Priority Document No	:61/358540	1)LITENS AUTOMOTIVE PARTNERSHIP
(32) Priority Date	:25/06/2010	Address of Applicant :730 Rowntree Dairy Road Woodbridge
(33) Name of priority country	:U.S.A.	Ontario L4L 5T9 Canada
(86) International Application	:PCT/CA2011/000726	(72)Name of Inventor :
No	:22/06/2011	1)ANTCHAK John R.
Filing Date	.22/06/2011	2)WILLIAMS Warren
(87) International Publication No	:WO 2011/160208	3)DELL James W.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A decoupler having an input hub an output member a one way clutch and at least one isolation spring. Rotary power is transmitted in a predetermined rotational direction from the input hub through the one way clutch through the isolation spring and to the output member. A method for forming a decoupler is also provided.

No. of Pages : 24 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING AN HMLS YARN		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		(71)Name of Applicant : 1)TRTZSCHLER SWITZERLAND AG Address of Applicant :c/o SwissTex Winterthur AG Schlosstalstrasse 45 CH 8406 Winterthur Switzerland (72)Name of Inventor : 1)NASRI Lassaad

(57) Abstract :

The invention relates to a method and to a device for producing an HMLS yarn from a polyester melt (PET). The device comprises a spinning apparatus having a spinneret for extruding and a quench box for cooling a plurality of filament strands a device for applying a spinning preparation and for combining the filament strands to form one thread a winding apparatus and a drafting zone for drawing the thread that is provided between the spinning apparatus and the winding apparatus. The drafting zone is formed by a feed roller pair arranged downstream of the spinning apparatus and subsequent four to six drafting roller pairs. The first drafting roller pairs are provided with a heating apparatus and the last drafting roller pair is provided with a cooling apparatus. At least one of the two rollers of each drafting roller pair is provided with a heating or cooling apparatus. The speed with which the feed roller pair draws off the thread from the spinning apparatus is between 400 m/min and 600 m/min.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : ADDITIVE FOR BITUMEN AND BITUMINOUS PRODUCT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	 C08K3/06,C08L95/00,C08K5/09 NA NA NA PCT/CN2011/070778 28/01/2011 WO 2012/100432 A1 NA NA NA NA 	 (71)Name of Applicant : 1)RHODIA (CHINA) CO. LTD. Address of Applicant :No.3966 Jin Du Road Xinzhuang Industrial Zone Shanghai 201108 China (72)Name of Inventor : 1)HEDOIRE Claude Emmanuel 2)ORANGE Gilles 3)YOU Xiao Ping
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(57) Abstract :

An additive for bitumen or polymer modified bitumen product which is prepared by mixing together: (a) a sulphur based product; (b) a vulcanized rubber for example a waste vulcanized rubber; (c) preferably a fatty acid; (d) a bitumen is disclosed. The use of this additive for preparing with very limited gaseous emissions elastomer containing bituminous product which reveal especially suitable for making bituminous coated material of high performance as asphalt concrete is also disclosed.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H04J11/00,G06F17/14 :2010290031 :27/12/2010 :Japan :PCT/JP2011/080213 :27/12/2011 :WO 2012/091013	 (71)Name of Applicant : 1)NEC CORPORATION Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo 1088001 Japan 2)NTT DOCOMO INC. (72)Name of Inventor : 1)HASHIMOTO Takeshi
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2012/091013 :NA :NA :NA	

(54) Title of the invention : RECEPTION DEVICE RECEPTION METHOD AND COMPUTER PROGRAM

(57) Abstract :

A reception device reception method and computer program for receiving a signal that includes a frequency domain channel estimation value comprising N (where N is a power of 2) items of data and obtaining a time domain channel estimation value by performing P (where P is equal to logN) discrete Fourier transform (DFT) computations on the frequency domain channel estimation value wherein the amount of computation is reduced. An M (where M is equal to 2 to P) DFT computation at which DFT computation is to be started from amongst the P DFT computations is determined from the number of items of data that could not be substituted with 0 from amongst the N items of data constituting the frequency domain channel estimation value obtained from the received signal; a rotator is generated for computing data to be inputted into the M DFT computation that has been determined; data to be inputted into the M DFT computation is calculated from the generated rotator and the frequency domain channel estimation value obtained from the received signal; and the M to P DFT computations are performed whereby the time domain channel estimation value is computed.

No. of Pages : 40 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :19/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : TRANSMISSION BELT		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application Not Filing Date (87) International Publication Not (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:01/02/2012	 (71)Name of Applicant : 1)GATES UNITTA ASIA COMPANY Address of Applicant :4 26 Sakuragawa 4 chome Naniwa ku Osaka shi Osaka 5560022 Japan 2)THE GATES CORPORATION (72)Name of Inventor : 1)YAMADA Mitsuhiro 2)SAKAMOTO Keiji 3)UCHIGASHIMA Shinji

(57) Abstract :

In order to improve durability by improving the strength of the rubber itself while increasing the peeling strength with respect to core wire canvass or short fibers a toothed belt (10) is equipped with: a belt main body (13) which is integrally formed by means of tooth rubber (11) provided on one surface and back rubber (12) provided on the other surface; and core wire (14) which is wound in a spiral shape and embedded extending in the lengthwise direction of the belt in the boundary portion between the tooth rubber (11) and the back rubber (12). A tooth fabric (20) that covers the tooth rubber (11) is bonded to the surface of the tooth rubber (11) that is to the one surface of the belt main body (13). The tooth rubber (11) is obtained by vulcanization molding of a rubber composition that includes HNBR or other rubber resorcinol a melamine compound silica and the like.

No. of Pages : 35 No. of Claims : 10

(22) Date of filing of Application :16/12/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SOLAR ELECTRIC WINDER FOR SELF-WINDING WATCH

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:12198819.0	1)THE SWATCH GROUP RESEARCH AND
(32) Priority Date	:21/12/2012	DEVELOPMENT LTD.
(33) Name of priority country	:EPO	Address of Applicant : RUE DES SORS 3, 2074 MARIN
(86) International Application No	:NA	Switzerland
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BORN, JEAN-JACQUES
(61) Patent of Addition to Application Number	:NA	2)GILOMEN, BEAT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The electric solar watch winder (1) includes a rotating support (7), a motor (9) arranged to drive the rotating support, an accumulator (15) arranged to power the motor, a solar cell (13) arranged to charge the accumulator, an internal clock, an electronic means (19) of controlling the motor, a light sensor (21) connected to the electronic means (19), and a user control interface (23) for the electronic means. The electronic means is arranged to be controlled by the user to be selectively placed in one or other of a plurality of operating modes, said plurality of operating modes including a first mode in which the rotating support is only driven when the winding mechanism is illuminated and a second mode in which a rotating support drive programme is started at a pre-selected time using the control interface. Figure 1

No. of Pages : 13 No. of Claims : 6

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : IMAGE PROCESSING APPARATUS, IMAGE CAPTURING APPARATUS, AND IMAGE PROCESSING METHOD

(51) International classification	:G06C	(71)Name of Applicant :
(31) Priority Document No	:2012- 283671	1)CANON KABUSHIKI KAISHA Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(32) Priority Date	:26/12/2012	OHTA-KU, TOKYO Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)YUSUKE TAMURA
Filing Date	:NA	2)YASUNOBU KODAMA
(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 :

Provided is an image processing apparatus that determines crop positions for an image including a plurality of objects in a preferred manner. This image processing apparatus specifies object regions from the image, and sets a plurality of crop region candidates for each of the specified object regions. The image processing apparatus selects a predetermined number of crop regions from among the plurality of crop region candidates based on evaluation values obtained for the plurality of crop region candidates and on similarities among the plurality of crop region candidates.

No. of Pages : 71 No. of Claims : 17

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : AUTOMATIC SHUTDOWN/START-UP CONTROL DEVICE OF INTERNAL COMBUSTION ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	: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 : 1)SAKAL KOUEL
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA : NA :NA	1)SAKAI, KOHEI
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

Provided is an automatic shutdown/start-up control device of an internal combustion engine that can achieve compatibility between securing of satisfactory running performance of the vehicle and prevention of fuel consumption deterioration. Control modes over automatic shutdown of an internal combustion engine include: a permission mode of automatic shutdown while running that allows automatic shutdown of the internal combustion engine while the vehicle is running, and a non-permission mode of automatic shutdown while running that disallows automatic shutdown of the internal combustion engine only when the vehicle is stopped. Control is performed in a way that: while a condition of a road surface on which the vehicle is running is judged to be a low friction coefficient road or a rough road, control modes over automatic shutdown of the internal combustion engine is changed to the non-permission mode of automatic shutdown while running from the permission mode of automatic shutdown while running is judged to have returned to a normal road surface from the low friction coefficient or the rough road, control modes over automatic shutdown of the internal combustion engine are returned to the permission mode of automatic shutdown while running from the non-permission mode of automatic shutdown while running from the non-permission mode of automatic shutdown while running from the non-permission mode of automatic shutdown while running from the non-permission mode of automatic shutdown while running from the non-permission mode of automatic shutdown while running from the non-permission engine are returned to the permission mode of automatic shutdown while running from the non-permission mode of automatic shutdown while running from the non-permission mode of automatic shutdown while running.

No. of Pages : 35 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : BLOCKING ELEMENT, ROLL LINE & CONTINUOUS CASTING APPARATUS

(57) Abstract :

Blocking element (25) for a roll mantle (28) of a roll line (20) of a continuous casting apparatus comprising a rotatable shaft (24) having a coolant line (30), whereby the roll mantle (28) is arranged to be supported on said rotatable shaft (24) in a rotationally fixed manner. The roll mantle (28) comprises at least one coolant channel (32) arranged to be in fluid communication with said coolant line (30), which coolant channel (32) has at least one fluid inlet (36) and at least one fluid outlet (42). The blocking element (25) is arranged to supply coolant to said at least one fluid inlet (36) and to receive coolant from said at least one coolant outlet (42).

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

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : BLOCKING ELEMENT, ROLL LINE & CONTINUOUS CASTING APPARATUS

(57) Abstract :

Blocking element (25) for a roll mantle (28) of a roll line (20) of a continuous casting apparatus comprising a rotatable shaft (24) having a coolant line (30), whereby the roll mantle (28) is arranged to be supported on said rotatable shaft (24) in a rotationally fixed manner. The roll mantle (28) comprises at least one coolant channel (32) arranged to be in fluid communication with said coolant line (30), which coolant channel (32) has at least one fluid inlet (36) and at least one fluid outlet (42). The blocking element (25) is arranged to supply coolant to said at least one fluid inlet (36) and to receive coolant from said at least one coolant outlet (42).

No. of Pages : 24 No. of Claims : 14

(12) Date of filing of Application :20/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : A SINGLE PAD STRIP FOR AN IMPROVED LATERAL FLOW ASSAY AND A TEST DEVICE USING THE SAME

(51) International classification	:C12Q3/00	(71)Name of Applicant :
(31) Priority Document No	:61/510762	1)ACCESS BIO INC.
(32) Priority Date	:22/07/2011	Address of Applicant :65 Clyde Road Suite A Somerset New
(33) Name of priority country	:U.S.A.	Jersey 08873 U.S.A.
(86) International Application No	:PCT/US2012/047625	(72)Name of Inventor :
Filing Date	:20/07/2012	1)KIM Hyeon Suk
(87) International Publication No	:WO 2013/016200	2)KOO Tae Hee
(61) Patent of Addition to Application	:NA	3)CHOI Young Ho
Number		
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	

(57) Abstract :

The present invention relates to a strip for an improved lateral flow assay of a biological sample on a single plane and a lateral flow chromatography assay using a test device containing the same. The strip of the present invention consists of a single pad which can improve lateral flow assay by providing an easy and simple procedure and clear visual reading. The strip of the present invention is consisted of sample application (sample) zone and reactant resultant zone where the reaction mixture is deposited (reactant) are all on a same plane. In addition the present invention provides a chromatographic method wherein hemoglobin is separated from analyte by a differential chromatography on the solid phase. Any interference of detection of the result by hemoglobin is removed by the present invention. The present invention provides advantages including an easy and simple procedure with a quick and clear response.

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

(22) Date of filing of Application :23/12/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SUBSTRATE FOR INKJET PRINT HEAD, INKJET PRINT HEAD, METHOD FOR MANUFACTURING INKJET PRINT HEAD, AND INKJET PRINTING APPARATUS

(51) International classification	:B41J	(71)Name of Applicant :
(31) Priority Document No	:2012- 285445	1)CANON KABUSHIKI KAISHA Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(32) Priority Date	:27/12/2012	OHTA-KU, TOKYO Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)ISHIDA, YUZURU
Filing Date	:NA	2)SAKURAI, MAKOTO
(87) International Publication No	: NA	3)HATSUI, TAKUYA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A substrate for an inkjet print head comprises: a base; a plurality of heating resistors for heating ink, the heating resistors being disposed on the base and producing heat in a case where the heating resistors are energized; a first protection layer disposed on the heating resistors and having insulation properties; and a second protection layer disposed on the first protection layer and having conductivity. The second protection layer includes individual sections disposed to individually cover the plurality of heating resistors, a common section connecting the individual sections, and connection sections interposed between the individual sections and the common section and connecting the individual sections and the common section. The connection sections are disposed at positions to be in contact with ink, and include a material which changes to an insulating film by an electrochemical reaction with the ink.

No. of Pages : 51 No. of Claims : 13

(19) INDIA

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

(43) Publication Date : 26/09/2014

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 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:F28D9/00,F28F3/02 :PCT/US10/50685 :29/09/2010 :PCT :PCT/US2010/050685 :29/09/2010 :WO 2012/044288	 (71)Name of Applicant : 1)AIR PRODUCTS AND CHEMICALS INC. Address of Applicant :7201 Hamilton Boulevard Allentown PA 18195 U.S.A. (72)Name of Inventor : 1)SUNDER Swaminathan 2)GERSHTEIN Vladimir Yliy
(86) International Application No	:PCT/US2010/050685	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:WO 2012/044288 :NA :NA	2)GERSHTEIN Vladimir Yliy 3)MESKI George A. 4)HOUGHTON Patrick A.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : HEAT EXCHANGER PERFORATED FINS

(57) Abstract :

A plate fin heat exchanger comprises a folded fin sheet comprising fins wherein the fin sheet comprises a plurality of perforations such plurality of perforations are positioned on the fin sheet in parallel rows when such fin sheet is in an unfolded state such parallel rows of perforations on the fin sheet comprise a first spacing between the parallel rows of perforations (S1) a second spacing between sequential perforations within the parallel row of perforations (S2) a third spacing (or offset) between the perforations in adjacent parallel rows of perforations (S3) and a perforation diameter (D) wherein the ratio of the first spacing between the parallel rows of perforations to the perforation diameter (S1/D) is in the range of 0.75 to 2.0 and wherein the angle between the fins and the parallel rows of perforations is less than or equal to five degrees (= 5°).

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

(19) INDIA

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : STEERING S	SHAFT	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B62D1/20,B62D1/16 :10 2011 051 557.7 :05/07/2011 :Germany	 (71)Name of Applicant : 1)ZF Lenksysteme GmbH Address of Applicant :Richard Bullinger Str. 77 73527 Schwbisch Gm¹/and Germany (72)Name of Inventor : 1)LINDE Joachim 2)FUCHS Volker

(57) Abstract :

The invention relates to a steering shaft (20) in particular for a steering system of a motor vehicle having an inner shaft (23) which is mounted in an axially displaceable manner in a hollow shaft (22) wherein a rolling bearing (24 25) having a plurality of metallic rolling bodies (28 29 30) arranged axially in at least two rows is arranged between the hollow shaft (22) and the inner shaft (23). Previously known steering shafts cannot reliably prevent vibrations from being transmitted from the inner shaft to the hollow shaft. Therefore according to the invention the diameters of the metallic rolling bodies (28 29 30) decrease from the center of the rolling bearing (24 25) toward the end sides (32 33 34 35) of said rolling bearing wherein a plurality of mutually adjacent metallic rolling bodies (28 29 30) have identical and/or different diameters.

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

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MOVABLE BLADE NOT CAUSING ABRASION OF FIXED BLADE OVER LONG PERIOD OF TIME SHEET CUTTING DEVICE PROVIDED WITH MOVABLE BLADE AND PRINTER PROVIDED WITH SHEET CUTTING 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 	:B26D1/08 :2010271129 :06/12/2010 :Japan :PCT/JP2011/056494 :11/03/2011 :WO 2012/077361 :NA :NA :NA	 (71)Name of Applicant : 1)NEC Infrontia Corporation Address of Applicant :2 6 1 Kitamikata Takatsu ku Kawasaki shi Kanagawa 2138511 Japan (72)Name of Inventor : 1)YAZAWA Shou 2)YOSHIOKA Yukio
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A pair of guide portions (22c) have outer edges on a punching rear side (Pr) corners of which are removed after punching.

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

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : BIODEGRADABLE PARTICLES VASCULAR OCCLUSION MATERIAL AND METHOD FOR PRODUCING BIODEGRADABLE 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 Filing Date (62) Divisional to Application Number 	PCT/JP2011/078510 :09/12/2011 :WO 2012/077776 :NA :NA :NA	 (71)Name of Applicant : 1)TORAY INDUSTRIES INC. Address of Applicant :1 1 Nihonbashi Muromachi 2 chome Chuo ku Tokyo 1038666 Japan (72)Name of Inventor : 1)TANAHASHI Kazuhiro 2)NAKANISHI Megumi 3)YAMAMURA Yasufumi 4)FUJITA Masaki
	:NA :NA	

(57) Abstract :

The objective of the present invention is to provide: spherical biodegradable particles having an ameliorated insufficiency in flexibility having resistance to the occurrence of particle agglomeration and having an increased particle shape restoring force after passing through a catheter or the like; and a method for producing the biodegradable particles. The present invention provides biodegradable particles formed from the chemical crosslinking of a synthetic polymer and a polyvalent carboxylic acid and having a moisture content in a water saturated state of 20 90%.

No. of Pages : 31 No. of Claims : 14

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHODS SYSTEMS AND COMPUTER READABLE MEDIA FOR SCREENING DIAMETER MESSAGES WITHIN A DIAMETER SIGNALING ROUTER (DSR) HAVING A DISTRIBUTED MESSAGE PROCESSOR ARCHITECTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) International Application No (57) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application NA Na Na Filing Date 	 (71)Name of Applicant : 1)TEKELEC INC. Address of Applicant :5200 Paramount Parkway Morrisville NC 27560 U.S.A. (72)Name of Inventor : 1)NAS Petrus Wilhelmus Adrianus Jacobus Maria 2)MCCANN Thomas Matthew 3)MARSICO Peter J.
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(57) Abstract :

According to one aspect the subject matter described herein includes a method for screening Diameter messages within a Diameter signaling router (DSR) having a distributed message processor architecture. The method includes steps occurring at a DSR comprising a plurality of Diameter message processors each configured to perform at least one Diameter function. The steps include receiving at an ingress Diameter message processor of the Diameter message processors a Diameter message from a Diameter peer node. The steps also include identifying at a Diameter application message processor of the Diameter message processors a Diameter message screening rule associated with the received Diameter message. The steps further include performing at the Diameter application message processor of the Diameter message processors a screening function associated with the identified Diameter message screening rule on the received Diameter message.

No. of Pages : 37 No. of Claims : 25

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : COMPOSITONS AND METHODS FOR THE PRODUCTION OF ISOPRENE

(57) Abstract :

The present disclosure describes compositions and methods for production of isoprene from lignocellulosic plant biomass using a genetically engineered strain of a saprophytic bacteria.

No. of Pages : 25 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :09/10/2012

(43) Publication Date : 26/09/2014

(54) Title of the invention : A METHOD AND SYSTEM FOR RESELECTION TO LTE CELL FROM GSM CELL

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung India Software Operations Pvt Ltd
(32) Priority Date	:NA	Address of Applicant :Bagmane Lakeview Block B No. 66/1
(33) Name of priority country	:NA	Bagmane Tech Park CV Raman Nagar Byrasandra Bangalore-
(86) International Application No	:NA	560093 Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Soumendra Panda
(61) Patent of Addition to Application Number	:NA	2)Gaurav Kothari
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for user equipment (UE) to reselect from GSM cell to LTE cell without LTE neighbor cell information available in System Information is disclosed. The method provides a time period during which the master block information (MIB) and scheduling blocks of the neighboring blocks of UMTS cells are read by the UE in order to determine the scheduling of system information block (SIB19). Once the SIB19 scheduling information is determined by the UE the UE reads SIB19 and obtains information about LTE neighboring cells. Further the UE initiates LTE RRC measurements for the frequencies and cells. Once the LTE measurements meet the required criteria the UE triggers reselection to the LTE cell.

No. of Pages : 32 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :17/06/2011

(43) Publication Date : 26/09/2014

(51) International classification	:G08G1/16	(71)Name of Applicant :
(31) Priority Document No	:2009-120429	1)SABURO FUKUMOTO
(32) Priority Date	:19/05/2009	Address of Applicant :1-24-2-307, SHINYOKOHAMA,
(33) Name of priority country	:Japan	KOHOKU-KU, YOKOHAMA-SHI, KANAGAWA 222-0033
(86) International Application No	:PCT/JP2010/058369	Japan
Filing Date	:18/05/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2010/134527	1)KEIZO MATSUSHITA
(87) International Fubilitation No	A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : DETECTION DEVICE AND MUTUAL PERCEPTION SYSTEM

(57) Abstract :

A vehicle-mounted device (2) is mounted on a vehicle such as a car and an IC tag (9) is installed in the vehicle-mounted device (2). A detection device (1) is carried by a pedestrian and an RFID reader module (4) is installed in the detection device (1). If existence of the IC tag (9) is recognized by the RFID reader module (4), a processing unit (6) determines that a vehicle is approaching the pedestrian and transmits a warning signal to a mobile telephone, etc. through a communication member (7). The mobile telephone, etc. then notifies the user of the approaching vehicle by a speaker or a vibrator, thus preventing collisions between pedestrians and vehicles. Furthermore, by using an IC tag in the vehicle-mounted device (2), this system becomes inexpensive and easy to popularize. Most Illustrative Diagram:

No. of Pages : 35 No. of Claims : 11

(21) Application No.4748/CHENP/2013 A

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PRODUCTION OF AROMATIC CARBOXYLIC ACIDS

(32) Priority Date(33) Name of priority country(86) International Application	:61/416071 :22/11/2010 :U.S.A.	 (71)Name of Applicant : 1)INVISTA TECHNOLOGIES S.a r.l. Address of Applicant :Zweigniederlassung St. Gallen Kreuzackerstrasse 9 CH 9000 St. Gallen Switzerland (72)Name of Inventor : 1)URE Alan Macpherson
Filing Date	:03/11/2011	2)THARAKAN Ajay
(87) International Publication No	:WO 2012/071150	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	I:NA :NA	

(57) Abstract :

Disclosed are processes and systems for the improved production of aromatic carboxylic acids such as purified terephthalic acid. The processes result in the use of a smaller distillation device to more efficiently recover the carboxylic acid solvent throughout various stages of the PTA process when compared to known processes. The smaller distillation device is achieved by using downstream water treatment devices and organic compound extraction devices to further separate organic compounds from the aqueous byproduct streams.

No. of Pages : 26 No. of Claims : 21

(21) Application No.6087/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:11160490.6 :30/03/2011 :EPO :PCT/EP2012/055632 :29/03/2012 :WO 2012/130936 A1 :NA :NA	 (71)Name of Applicant : 1)WELLTEC A/S Address of Applicant :Gydevang 25 DK 3450 Aller,d Denmark (72)Name of Inventor : 1)HALLUNDB†K J,rgen
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(54) Title of the invention : DOWNHOLE PRESSURE COMPENSATING DEVICE

(57) Abstract :

The present invention relates to a downhole pressure compensating device for use in combination with a downhole tool comprising a housing with a chamber and an internal hollow section a first piston dividing the chamber into a first section and a second section the first section being in fluid communication with a first fluid port the second section being in fluid communication with a borehole through a second fluid port and a first spring disposed within the second section to exert a pressure on the first piston to enable the conservation of an overpressure in the first section. Furthermore the device comprises a second piston a second spring disposed between the first piston and the second piston and an overpressure channel arranged in the first or the second piston which overpressure channel when the second spring is in a compressed condition provides fluid communication between said first and second sections. The present invention further relates to a downhole system comprising a wireline a mating tool such as a driving unit and/or an operational tool and a downhole pressure compensating device according to the invention. The present invention also relates to a downhole system comprising a wireline a mating tool such as a driving unit and/or an operational tool and a downhole pressure compensating device according to the invention.

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

(21) Application No.276/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :13/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : APPARATUS AND METHOD FOR NON INVASIVE REAL TIME SUBSOIL INSPECTION			
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01V3/12 :NA :NA :NA	(71)Name of Applicant : 1)SIRTI S.P.A. Address of Applicant :Via Stamira dAncona 9 I 20127 Milano Italy (72)Name of Inventor : 1)DI BUONO Nicola 2)COTTINO Edoardo	

(57) Abstract :

An apparatus for non invasive subsoil inspection used for verifying the presence of any underground facilities comprising a mobile support structure (2) which can be moved in at least one horizontal direction and which supports a plurality of antennas (A) adapted to transmit an electromagnetic signal towards the soil and to receive the response echoes and an electronic processing unit adapted to analyze the data acquired by said antennas and to reconstruct an image of the subsoil portion scanned by the machine.

No. of Pages : 20 No. of Claims : 15

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : WATERPROOF STRUCTURE FOR ELECTRONIC DEVICE

(57) Abstract :

A waterproof structure for an electronic device (60) includes: a case (130) which is disposed in a location in a vehicle (10) distant from a receiving antenna (61) which houses a processing unit (69) that processes location information and which has a wiring hole (171) through which a wire (62) passes; a cylindrical part (172) which extends in the axial direction of the wire from the case in such a manner as to surround the wiring hole; a seal member (167) which is housed in a compressed state in the cylindrical part and surrounds the wire; and a cap (160) which is attached to the case in an attachable/detachable manner has a hole (168) through which the wire passes and prevents the seal member from moving.

No. of Pages : 39 No. of Claims : 9

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR COOLING HOT BULK MATERIAL AND COOLER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10 2010 055 825.7 :23/12/2010 :Germany :PCT/EP2011/072615 :13/12/2011	 (71)Name of Applicant : 1)KHD HUMBOLDT WEDAG GMBH Address of Applicant :Colonia Allee 3 51067 Kln Germany (72)Name of Inventor : 1)ELORANTA Jarmo 2)SYBON Andr 3)ZENKER Klaus 4)OKKA Hakan 5)H–HNE Jrg
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(57) Abstract :

The invention relates to a cooler for cooling hot bulk material wherein cooling gas flows approximately transverse to the feed direction through a bulk material bed and absorbs the heat of the bulk material wherein a fixture supporting the bulk material bed comprises a ventilation base through which the cooling gas flows and wherein the feeding principle provides planks extending in the feed direction wherein at least two adjacent planks are displaced in the feed direction at the same time and opposite the feed direction at different times. According to the invention the planks comprise differently designed surfaces in the feed direction on which the bulk material bed is supported causing different average transport speeds due to the different frictional fits with the supported bulk material bed so that the bulk material bed is thereby extended in the area of the faster feed and is compressed in the area of the slower feed. The fixture churns the bulk material to be cooled by means of vertical mixing whereby the heat recuperation becomes more efficient.

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

(19) INDIA

(22) Date of filing of Application :09/07/2013

(43) Publication Date : 26/09/2014

(51) International classification	:A23D7/00	(71)Name of Applicant :
(31) Priority Document No	:61/423476	1)KRAFT FOODS GLOBAL BRANDS LLC
(32) Priority Date	:15/12/2010	Address of Applicant : Three Lakes Drive Northfield IL 6009
(33) Name of priority country	:U.S.A.	2753 U.S.A.
(86) International Application No	:PCT/US2011/064430	(72)Name of Inventor :
Filing Date	:12/12/2011	1)COUTTENYE Richard
(87) International Publication No	:WO 2012/082626	2)SCHULOK James
(61) Patent of Addition to Application	.NT A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : HEAT TOLERANT LIPID BASED FILLING

(57) Abstract :

Methods and compositions for a lipid based food filling including a lipid system and particulates having a size of about 30 micrometers or less the particulates having a lipophilic surface wherein the filling has a water activity of less than about 0.3 and wherein substantially no fat separates from the filling when the filling is heated to temperatures of up to about 200°F.

No. of Pages : 24 No. of Claims : 54

(21) Application No.6138/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD OF DETECTING INTERFERENCE BASE STATION AND BASE STATION (51) International classification :H04W88/08 (71)Name of Applicant : (31) Priority Document No 1)HUAWEI TECHNOLOGIES CO. LTD. :201110282098.0 (32) Priority Date Address of Applicant : Huawei Administration Building :22/09/2011 (33) Name of priority country Bantian Longgang District Shenzhen Guangdong 518129 China :China (86) International Application No (72)Name of Inventor : :PCT/CN2012/071080 1)REN Cuihong Filing Date :13/02/2012 (87) International Publication No 2)YANG Wutao :WO 2012/163104 (61) Patent of Addition to Application 3)XU Shaojun :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Embodiments of the present invention provide a method for detecting an interference base station and a base station. A second base station does not send a second downlink synchronization code at a downlink pilot time slot DwPTS of a designated frame so that the second base station receives a first downlink synchronization code in a downlink pilot time slot DwPTS of a first base station performs correlation calculation on a detection code segment of uplink data of the second base station by using the first downlink synchronization code and determines whether the second base station is an interference base station of the first base station by determining whether a correlation value of each detection code segment in the uplink data is greater than a correlation value threshold.

No. of Pages : 28 No. of Claims : 17

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification :A61K47/24,A61K9/107 (71)Name of Applicant : (31) Priority Document No **1)NOVALIQ GMBH** :11150064.1 (32) Priority Date Address of Applicant : Im Neuenheimer Feld 515 69120 :04/01/2011 (33) Name of priority country Heidelberg Germany :EPO (86) International Application No (72)Name of Inventor : :PCT/EP2012/050043 **1)THEISINGER Bastian** Filing Date :03/01/2012 (87) International Publication No :WO 2012/093113 A1 2)THEISINGER Sonja (61) Patent of Addition to Application **3)GNTHER Bernhard** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : O/W EMULSIONS COMPRISING SEMIFLUORINATED ALKANES

(57) Abstract :

The invention provides liquid compositions in the form of physically stable emulsions comprising a semifluorinated alkane. The semifluorinated alkane is comprised in the dispersed phase which may also include an active pharmaceutical ingredient. One of the preferred active ingredients is propofol. The compositions are optionally heat sterilisable and can be used for pharmaceutical or cosmetic product applications and administered topically intravenously or via other routes.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : DOWNHOLE DRIVING UNIT HAVING A HYDRAULIC MOTOR IN A WHEEL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:11160505.1 :30/03/2011 :EPO :PCT/EP2012/055649 :29/03/2012 :WO 2012/130947 A1 :NA	 (71)Name of Applicant : 1)WELLTEC A/S Address of Applicant :Gydevang 25 DK 3450 Aller,d Denmark (72)Name of Inventor : 1)HALLUNDB†K J,rgen
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a downhole driving unit (11) for insertion into a well comprising a driving unit housing (51) an arm assembly (60) movable between a retracted position and a projecting position in relation to the driving unit housing an arm activation assembly (41) arranged in the driving unit housing for moving the arm assembly between the retracted position and the projecting position and a wheel assembly (90) comprising a stationary part (91) and a rotational part (92) the stationary part being connected with or forming part of the arm assembly and being rotatably connected with a rotational part. The wheel assembly comprises a hydraulic motor housing (93) and a rotatable section (84) connected with the rotational part for rotating part of the wheel assembly. Furthermore the present invention relates to a downhole system comprising said driving unit and to use of such driving unit.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR WIRELESS MEDIUM ACCESS (51) International classification :H04W74/08,H04W84/12 (71) Name of Applicant :

(31) International classification	.nu4 w /4/08,nu4 w 84/12	((71)Name of Applicant:
(31) Priority Document No	:13/006823	1)NOKIA CORPORATION
(32) Priority Date	:14/01/2011	Address of Applicant : Keilalahdentie 4 FI 02150 Espoo
(33) Name of priority country	:U.S.A.	Finland
(86) International Application No	:PCT/FI2011/051019	(72)Name of Inventor :
Filing Date	:21/11/2011	1)KNECKT Jarkko
(87) International Publication No	:WO 2012/095552	2)ONG Enh Hwee
(61) Patent of Addition to Application	:NA	3)KASSLIN Mika
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		•

(57) Abstract :

In a non limiting and example embodiment a method is provided for arranging multi channel wireless communications comprising: detecting by a communications apparatus information on available bandwidth for a transmission opportunity applying multiple channels and controlling duration of channel occupancy for at least one of channels available for the transmission opportunity on the basis of the information on available bandwidth.

No. of Pages : 33 No. of Claims : 23

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR GROUPING CLIENT DEVICES BASED ON CONTEXT SIMILARITY

classification .H04L29/08,H04 w4/04,H04 w4/08 (31) Priority Document No :61/449517 (32) Priority Date :04/03/2011	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor : 1)KIM Taesu 2)HWANG Kyu Woong
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(57) Abstract :

A method for grouping a plurality of client devices is disclosed. The method includes receiving sound descriptors from the plurality of client devices. The sound descriptors are extracted from the environmental sound. Each of the sound descriptors is transmitted to a server which determines a similarity of the sound descriptors received from the client devices. The server groups the plurality of client devices into at least one similar context group based on the similarity of the sound descriptors.

No. of Pages : 50 No. of Claims : 52

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR IDENTIFYING MOBILE DEVICES IN SIMILAR SOUND ENVIRONMENT

(57) Abstract :

A method for identifying mobile devices in a similar sound environment is disclosed. Each of at least two mobile devices captures an input sound and extracts a sound signature from the input sound. Further the mobile device extracts a sound feature from the input sound and determines a reliability value based on the sound feature. The reliability value may refer to a probability of a normal sound class given the sound feature. A server receives a packet including the sound signatures and reliability values from the mobile devices. A similarity value between sound signatures from a pair of the mobile devices is determined based on corresponding reliability values from the pair of mobile devices. Specifically the sound signatures are weighted by the corresponding reliability values. The server identifies mobile devices in a similar sound environment based on the similarity values.

No. of Pages : 41 No. of Claims : 48

(21) Application No.6089/CHENP/2013 A

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : BRUSH UNIT AND MOVING ELECTRODE TYPE ELECTROSTATIC PRECIPITATOR

(57) Abstract :

To provide a brush unit for use in moving electrode type electrostatic precipitators which is capable of increasing the life of the brush wires; and to provide a moving electrode type electrostatic precipitator. [Solution] A brush unit (50) is provided with a rib (52) disposed in the longitudinal direction of the outer circumferential surface of a shaft (51) a channel brush (60) comprising brush wires (62) implanted in a band shape body (63) fasteners (54) which together with the rib (52) hold the band shape body (63) and bolts (57) and nuts (56) which detachably fasten the rib (52) and the fasteners (54) in a state in which the band shape body (63) is sandwiched between the rib (52) and the fasteners (54).

No. of Pages : 24 No. of Claims : 7

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : WELD METAL WITH EXCELLENT CREEP CHARACTERISTICS

 classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:09/02/2011	 (71)Name of Applicant : 1)KABUSHIKI KAISHA KOBE SEIKO SHO(KOBE STEEL LTD.) Address of Applicant :10 26 Wakinohama cho 2 chome Chuo ku Kobe shi Hyogo 6518585 Japan (72)Name of Inventor : 1)NAKO Hidenori 2)YAMASHITA Ken 3)OTSU Minoru 4)SAKATA Mikihiro 5)TANIGUCHI Genichi
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(57) Abstract :

This weld metal has excellent creep characteristics and has a given chemical composition. In the weld metal the value A defined by equation (1) is 200 or greater and carbide grains each having an equivalent circle diameter of 0.40 μ m or more have an average equivalent circle diameter less than 0.85 m. In the segments that connect the centers of three or more carbide grains which are present on a 6 μ m straight line and which each has an equivalent circle diameter of 0.4 μ m or more the sum of the lengths of the portions where the segments intersect the carbide grains is 25% or more of the overall length of the segments. Value A = ([V]/51+[Nb]/93)/{[V]--([Cr]/5+[Mo]/2)}-10 (1) In the equation [V] [Nb] [Cr] and [Mo] respectively indicate the contents (mass%) of V Nb Cr and Mo in the weld metal.

No. of Pages : 45 No. of Claims : 7

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PRODUCING AGROCHEMICAL GRANULE

(61) Patent of Addition to :NA Application Number :NA Filing Date :NA (62) Divisional to Application :NA Number :NA	Application Number Filing Date (62) Divisional to Application	:PCT/JP2012/053631 :16/02/2012 :WO 2012/117862 :NA :NA	 (71)Name of Applicant : Nippon Soda Co. Ltd. Address of Applicant :2 1 Ohtemachi 2 chome Chiyoda ku Tokyo 1008165 Japan (72)Name of Inventor : TANAKA Nobuyuki SHIMANUKI Kazuhiro
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(57) Abstract :

The present invention provides a method for producing agrochemical granules of a stable quality that contains an agrochemical active ingredient one or more types of hydrophobic substances and an oil absorbing substance. This method for producing agrochemical granules has: a step (i) for obtaining a mixture by mixing the agrochemical active ingredient the one or more types of hydrophobic substance; a step (ii) for obtaining a kneaded product by inserting the obtained mixture into a kneading device heating and kneading at a temperature equal to or greater than the melting point that is the highest of the hydrophobic substances; and a step (iii) for granulating the obtained kneaded product using an extrusion molding method.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESS FOR PRODUCTION OF FLUOROSULFONYLIMIDE AMMONIUM SALT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C01B21/093,C07C303/40,C07C311/48 :2011027563 :10/02/2011 :Japan :PCT/JP2012/051952 :30/01/2012 :WO 2012/108284 ?:NA :NA :NA	 (71)Name of Applicant : 1)Nippon Soda Co. Ltd. Address of Applicant :2 1 Ohtemachi 2 chome Chiyoda ku Tokyo 1008165 Japan (72)Name of Inventor : 1)TSUBOKURA Shiro 2)MARUYAMA Michiaki
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(57) Abstract :

A compound [I] such as an N (chlorosulfonyl) N (fluorosulfonyl)imide ammonium salt is reacted with hydrogen fluoride to produce a compound [II] such as an N N di(fluorosulfonyl)imide ammonium salt. The resulting compound [II] is reacted with an alkali metal compound or the like to produce a compound [IV] such as an N N di(fluorosulfonyl)imide alkali metal salt.

No. of Pages : 45 No. of Claims : 4

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : DECONFIGURE STORAGE CLASS MEMORY COMMAND

(51) International classification:G06F9/50(31) Priority Document No:13/157706(32) Priority Date:10/06/2011(33) Name of priority country:U.S.A.	 (71)Name of Applicant : 1)INTERNATIONAL BUSINESS MACHINES CORPORATION Address of Applicant :New Orchard Road Armonk New York 10504 U.S.A. 2)IBM UNITED KINGDOM LIMITED (72)Name of Inventor : 1)GAINEY JR Charles 2)OAKES Kenneth James 3)MATHIAS Thomas Brian 4)SZWED Peter Kenneth 5)DRIEVER Peter Dana 6)SUTTON Peter Grimm 7)YUDENFRIEND Harry 8)TZORTZATOS Elpida 9)GLASSEN Steven Gardner
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(57) Abstract :

An abstraction for storage class memory is provided that hides the details of the implementation of storage class memory from a program and provides a standard channel programming interface for performing certain actions such as controlling movement of data between main storage and storage class memory or managing storage class memory.

No. of Pages : 152 No. of Claims : 17

(21) Application No.44/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/01/2014

(43) Publication Date : 26/09/2014

(51) International classification	:B05B1/34	(71)Name of Applicant :
(31) Priority Document No	:13/178385	1)MWV SLATERSVILLE LLC
(32) Priority Date	:07/07/2011	Address of Applicant :110 Graham Drive Slatersville RI
(33) Name of priority country	:U.S.A.	02876 U.S.A.
(86) International Application No	:PCT/US2012/045440	(72)Name of Inventor :
Filing Date	:03/07/2012	1)ROMANOV Sergey
(87) International Publication No	:WO 2013/012558	2)SKILLIN Clifford
(61) Patent of Addition to Application	:NA	3)BRANNON Patrick
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : FAN ORIFICE DISPENSING CLOSURE

(57) Abstract :

A dispensing closure (80) for a squeeze type container (900) produces a fan type spray in a low pressure environment. The dispensing closure (80) includes an insert member (84) and a closure body (82). The insert member (84) has a base (88) configured and arranged to be seated within an open end of the squeeze type container a sealing tube (90) extending upwardly from the base and a sealing tip portion (96) at the upper end of the sealing tube. The closure body (82) includes an upper deck (24) a skirt (22) depending downwardly from the upper deck and a flow conduit (92) extending upwardly from the upper deck to provide a flow path from an interior of the closure to an exterior of the closure. An exit orifice (86) in the tip (94) of the flow conduit is configured to produce the fan type spray.

No. of Pages : 63 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :30/07/2013

(43) Publication Date : 26/09/2014

(51) International classification:A47J31/44,A2(31) Priority Document No:2011007382(32) Priority Date:17/01/2011(33) Name of priority country:Japan(86) International Application No:PCT/JP2011/0Filing Date:24/08/2011(87) International Publication No:WO 2012/098(61) Patent of Addition to Application:NANumber:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	 /069050 (72)Name of Inventor : 1)NAKAO Yoshihiro 2)YOKOO Yoshiaki
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(54) Title of the invention : BEVERAGE EXTRACTION DEVICE

(57) Abstract :

Provided is an extraction device for a roasted plant wherein it is possible to keep the preferred flavor component or the rich flavor of an extraction liquid obtained from a roasted plant starting material by means of water extraction while selectively reducing the excessive bitterness of the extraction liquid. A beverage extraction device provided with a granule storing unit for storing granules from which a beverage is to be extracted a first injection means for injecting an extraction solvent into the granule storing unit from a first direction and a collecting means for collecting a coffee extraction liquid extracted by means of the extraction solvent from the same side as the first direction with respect to a coffee granule layer wherein the granule storing unit is provided with a detachable braking member for housing in a roughly hermetically sealed manner the granules from which a beverage is to be extracted.

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

(21) Application No.6231/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : MARKETING AND SELLING CONTRIBUTED RESOURCES IN DISTRIBUTED COMPUTING (51) International classification :G06Q30/00 (71)Name of Applicant : (31) Priority Document No :12/929838 **1)SONY CORPORATION** (32) Priority Date Address of Applicant :1 7 1 Konan Minato ku Tokyo 108 0075 :18/02/2011 (33) Name of priority country :U.S.A. Japan (86) International Application No :PCT/US2012/025340 (72)Name of Inventor : Filing Date :16/02/2012 1)GEORGIS Nikolaos (87) International Publication No :WO 2013/070267 2)CRISAN Adrian (61) Patent of Addition to Application 3)FRAZIER Milton M. :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A method or system for marketing and selling contributed resources of a plurality of separate electronic devices by generating a framework for resource contribution. The assigned contributed resources are the contributed resources that are assigned to credit categories. A credit category model is optimized based the assigned contributed resources using a dynamic availability of the assigned contributed resources and a processing requirement of a task. Resource contributions are tracked based on completed task segments wherein the completed task segments are distributed task segments derived from the task that have been processed by the assigned contributed resource contributed resources. And an account is credited based on the tracked resource contribution.

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

(21) Application No.6232/CHENP/2013 A

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

(43) Publication Date : 26/09/2014

(51) International classification	:F16M11/02	(71)Name of Applicant :
(31) Priority Document No	:13/035330	1)SONY CORPORATION
(32) Priority Date	:25/02/2011	Address of Applicant :1 7 1 Konan Minato ku Tokyo 108 0075
(33) Name of priority country	:U.S.A.	Japan
(86) International Application No	:PCT/US2012/025343	(72)Name of Inventor :
Filing Date	:16/02/2012	1)GOLDSTEIN Jeffrey Evan
(87) International Publication No	:WO 2013/070268	2)YAMAGUCHI Shin
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : FLAT TV SOUND ENHANCING FURNITURE

(57) Abstract :

A TV stand supports a TV with a downfiring audio speaker. To reflect the sound from the speaker ninety degrees so the sound propagates away from the plane of the TV toward a viewer the stand has a top portion with a flat or curved surface which is canted downwardly from rear to front.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

	VENTO IN MEDIATIEL	
(51) International classification	:G06F17/00	(71)Name of Applicant :
(31) Priority Document No	:61/429720	1)SONY CORPORATION
(32) Priority Date	:04/01/2011	Address of Applicant :1 7 1 Konan Minato ku Tokyo 108 0075
(33) Name of priority country	:U.S.A.	Japan
(86) International Application No	:PCT/US2012/020220	2)SONY DADC US INC.
Filing Date	:04/01/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/094417	1)BRAHMS Jason
(61) Patent of Addition to Application	.NI 4	2)KIDO Ryan
Number	:NA	3)ZHUKOV Oleksandr
Filing Date	:NA	4)SHAROV Oleg
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(E7) A1 stur st :		

(54) Title of the invention : LOGGING EVENTS IN MEDIA FILES

(57) Abstract :

Logging events in a media file including: providing a logger tool to allow a user to view media in multiple ways and to capture and validate key events within the media file; and tracking and logging events in the media file by adding information to the media file including locations of bars and tone slates content logos commercial blacks quality control issues subtitles and captions.

No. of Pages : 48 No. of Claims : 16

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MACHINE FOR PRODUCING FILTER BAGS WITH PRODUCTS FOR INFUSION AND WITH AN OUTER WRAPPER ENVELOPE.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B65B29/02,B65B51/30 :BO2011A000094 :01/03/2011 :Italy :PCT/IB2012/050601 :10/02/2012 :WO 2012/117308 A1 :NA :NA :NA :NA	 (71)Name of Applicant : 1)IMA INDUSTRIES S.r.l. Address of Applicant :Via Emilia 428 442 I 40064 Ozzano Dellemilia Italy (72)Name of Inventor : 1)CONTI Roberto
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(57) Abstract :

A machine for packaging filter bags (1) for products for infusion in related closed outer wrappers (2) comprises: a carrousel (6) for moving the filter bag (1) along a circular operating path (C); a wrapping station (7) positioned along the operating path (C) for folding a flat sheet (2) of outer wrapper material along a transversal axis around the filter bag (1) thus forming a U shaped outer wrapper around the filter bag (1); sealing units (9) operating on the sheet (2) folded in a U shape for forming an individual closed outer wrapper; the sealing units (9) being positioned along the circular operating path (C) downstream of the wrapping station (7) and being designed to join at least two longitudinal end edges (2a 2b) of the outer wrapper sheet (2) which is positioned together with the filter bag (1) on the carrousel (6).

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHODS FOR ENHANCING THE DELIVERY OF GENE TRANSDUCED CELLS

(51) International classification (31) Priority Document No	:C12N5/074,C12N5/0735,C12N5/10 :61/429401	 (71)Name of Applicant : 1)BLUEBIRD BIO INC. Address of Applicant :840 Memorial Drive Cambridge
(32) Priority Date	:03/01/2011	Massachusetts 02139 U.S.A.
(33) Name of priority country		(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication No 	:PCT/US2011/067347 :27/12/2011 ¹ :WO 2012/094193	1)DOWN Julian David 2)LEBOULCH Philippe Louis
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The present invention provides novel methods for enhancing the delivery of transduced cells to a subject which include both methods of selecting for transduced cells and methods of enhancing the reconstitution by transduced cells in a transplant recipient. The present invention further provides transfer vectors including lentiviral vectors useful in practicing the methods of the present invention. The methods and vectors of the present invention may be used in gene therapy of a variety of diseases and disorders including but not limited to hematological diseases and disorders.

No. of Pages : 78 No. of Claims : 56

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : SPONSORED STORIES UNIT CREATION FROM ORGANIC ACTIVITY STREAM

(51) International classification	:G06Q50/30,G06Q50/10	(71)Name of Applicant :
(31) Priority Document No	:13/020745	1)FACEBOOK INC.
(32) Priority Date	:03/02/2011	Address of Applicant :1601 Willow Road Menlo Park CA
(33) Name of priority country	:U.S.A.	94025 U.S.A.
(86) International Application No	:PCT/US2012/023631	(72)Name of Inventor :
Filing Date	:02/02/2012	1)SCHOEN Kent
(87) International Publication No	:WO 2012/106515	2)LI Ning
(61) Patent of Addition to Application	:NA	3)JIN Robert Kang Xing
Number	:NA :NA	4)ZIGORIS Philip Anastasios
Filing Date	.INA	5)GRONSKI Jessica
(62) Divisional to Application Number	:NA	6)WALKE Jordan
Filing Date	:NA	7)GIOVANOLA Eric Michel
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(57) Abstract :

Methods apparatuses and systems directed to sponsored story generation from an organic activity stream in a social networking site. A user wishing to promote an entry from an organic activity stream may using a sponsor user interface specify the types of stories to promote to a portion of the home page displayed to a member of a social network.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H03K3/3565,H03K19/0185 :13/014740 :27/01/2011 :U.S.A. :PCT/US2012/022968 :27/01/2012 :WO 2012/103477	 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)SRIVASTAVA Ankit
(87) International Publication No(61) Patent of Addition toApplication NumberFiling Date	:WO 2012/103477 :NA :NA	2)HUANG Xuhao 3)QUAN Xiaohong
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(54) Title of the invention : HIGH VOLTAGE TOLERANT RECEIVER

(57) Abstract :

A high voltage tolerant single ended receiver circuit includes a voltage divider that is operative to divide in half single ended input signals that are greater than the threshold voltages of the voltage divider. A pass gate circuit is operative to receive single ended signals that are below the threshold voltages of the voltage divider. Output from the voltage divider is coupled to a first input of a modified Schmitt trigger circuit to control a high threshold level of the Schmitt trigger circuit. Output from the pass gate circuit is coupled to a second input of the modified Schmitt trigger circuit to control a low threshold level of the Schmitt trigger circuit.

No. of Pages : 31 No. of Claims : 19

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : AD BASED LOCATION RANKING FOR GEO SOCIAL NETWORKING 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 	:G06Q30/02 :13/018716 :01/02/2011 :U.S.A. :PCT/US2012/023514 :01/02/2012 :WO 2012/106450 :NA :NA :NA :NA	 (71)Name of Applicant : 1)FACEBOOK INC. Address of Applicant :1601 Willow Road Menlo Park CA 94025 U.S.A. (72)Name of Inventor : 1)KENDALL Timothy
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(57) Abstract :

In one embodiment a geo social networking system receives data indicating a location of a user generate and rank a list of places based on proximity to the user s location and existence of advertisement associated with one or more places and present the ranked list of places to the user.

No. of Pages : 37 No. of Claims : 20

(22) Date of filing of Application :05/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING TEMPLATE BASED DISCOUNT VALUATION AND RANKING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06Q30/00 :NA :NA :NA :PCT/CN2010/079666 :10/12/2010 :WO 2012/075642 :NA :NA :NA :NA	 (71)Name of Applicant : 1)NOKIA CORPORATION Address of Applicant :Keilalahdentie 4 FI 02150 Espoo Finland (72)Name of Inventor : 1)ZHU Hengshu 2)TIAN Jilei 3)YANG Hao 4)SONG Zhanjiang
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(57) Abstract :

An approach is provided for template based discount valuation and ranking. A discount management platform processes or facilitates a processing of a vocabulary for representing one or more parameters of discount information associated with one or more discount types. The discount management platform then processes or facilitates a processing of the one or more discount types to generate one or more templates based at least in part on the vocabulary. The one or more templates include at least in part one or more labels one or more input fields or a combination thereof for calculating and/or facilitating a calculation of one or more discount values associated with the discount information.

No. of Pages : 62 No. of Claims : 43

(22) Date of filing of Application :12/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : DEVICE AND METHOD FOR SENSING APPLIED CONDITION OF A RAILROAD HANDBRAKE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:13/028454 :16/02/2011	 (71)Name of Applicant : 1)WABTEC HOLDING CORP. Address of Applicant :1001 Air Brake Avenue Wilmerding Pennsylvania 15148 U.S.A. (72)Name of Inventor : 1)GREGAR Peter
Filing Date (87) International Publication No	:WO 2012/112369	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A device for indirectly sensing tension of a chain in a railroad handbrake includes an elongated bore formed through a holding pawl of the handbrake sensor target attached to the holding pawl and a sensor mounted in close proximity to an upper end of the housing so as to sense the sensor target. The ratchet wheel of the handbrake positions the sensor target for operative sensing alignment with the sensor during at least partial handbrake application. A biasing member moves the sensor target away from the operative sensing alignment during handbrake release.

No. of Pages : 24 No. of Claims : 19

(21) Application No.5581/CHENP/2013 A

(22) Date of filing of Application :12/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : NON MEDICAL INCREASE OR MAINTENANCE OF BODY WEIGHT OF A MAMMAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/NL2010/050892 :28/12/2010 :Netherlands :PCT/NL2011/050555 :11/08/2011	 (71)Name of Applicant : 1)N.V. NUTRICIA Address of Applicant :Eerste Stationsstraat 186 NL 2712 HM Zoetermeer Netherlands (72)Name of Inventor : 1)DE WILDE Mattheus Cornelis 2)HAGEMAN Robert Johan Joseph 3)GROENENDIJK Martine 4)KAMPHUIS Patrick Joseph Gerardus Hendrikus
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(57) Abstract :

Non medical use of at least two components selected from the group of: (i) nucleoside equivalents (ii) n 3 polyunsaturated fatty acids selected from the group of DHA DPA and EPA (iii) vitamins B (iv) phospholipids (v) antioxidants and (vi) cholines with the proviso that at least one (i) nucleoside or at least one (iii) vitamin B is present for in creasing or maintaining the body weight for improving the ability to perform an activity of daily living of a mammal for maintaining the ability to perform an activity of daily living of a mammal or for reducing a deterioration in the ability to perform an activity of daily living of a mammal.

No. of Pages : 66 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :18/07/2013

(54) Title of the invention : METHOD FOR TREATING TEXTILE WITH ENDOGLUCANASE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:PCT/CN2011/084002 :14/12/2011	 (71)Name of Applicant : 1)NOVOZYMES A/S Address of Applicant :Krogshoejvej 36 DK 2880 Bagsvaerd Denmark (72)Name of Inventor : 1)LAI Weijian 2)WU Guifang 3)LIU Ye 4)ZHOU Yucheng 5)HAN Yang
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA ¹ :NA :NA	

(57) Abstract :

The present invention relates to the method for manufacturing textile by treating textile with an isolated polypeptide having endoglucanase activity especially in biostoning and bio polishing process.

No. of Pages : 63 No. of Claims : 16

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD TO DEVELOP HIGH OLEIC ACID SOYBEANS USING CONVENTIONAL SOYBEAN BREEDING TECHNIQUES

(51) International classification(31) Priority Document No	:A01H1/06 :61/433120	(71)Name of Applicant : 1)THE CURATORS OF THE UNIVERSITY OF
(32) Priority Date	:14/01/2011	MISSOURI
(33) Name of priority country(86) International Application No	:U.S.A. •PCT/US2012/021535	Address of Applicant :340 A Bond Life Sciences Center Columbia MO 65211 7310 U.S.A.
Filing Date	:17/01/2012	2)THE UNITED STATES OF AMERICA as represented by
(87) International Publication No	:WO 2012/106105	the SECRETARY OF AGRICULTURE
(61) Patent of Addition to Application	:NA	(72)Name of Inventor :
Number Filing Date	:NA	1)BILYEU Kristin D. 2)SHANNON James Grover
(62) Divisional to Application Number	:NA	3)LEE Jeong Dong
Filing Date	:NA	4)PHAM Tung Anh

(57) Abstract :

The present invention is directed to a soybean plant with mutations in FAD2 1 A and FAD2 1B. Moreover the present invention is directed to seeds from said plants with altered ratios of monosaturated and polyunsaturated fats. In particular the present invention is directed to plants where the plants exhibit elevated levels of oleic acid.

No. of Pages : 73 No. of Claims : 10

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD OF CONFIGURING AN APERIODIC SOUNDING REFERENCE SIGNAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:201110005956.7 :12/01/2011 :China :PCT/IB2011/003217 :08/11/2011 :WO 2012/095694 :NA :NA	 (71)Name of Applicant : 1)ALCATEL LUCENT Address of Applicant :3 avenue Octave Grard F 75007 Paris France (72)Name of Inventor : 1)LIU Jin
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a method of configuring an aperiodic sounding reference signal. In an embodiment of the method of configuring an aperiodic sounding reference signal are categorized into two parts. The first part of parameters can be configured by radio resource control signaling and the second part can be configured dynamically via the indication in downlink control information format 4. The second part of the parameters includes at most three of the following parameter set: cyclic shift the number of antenna ports carrier aggregation sounding reference signal duration and transmission comb. The first part of the parameters includes sounding reference signal configuration index and the remaining part of the parameter set. With the method of the present invention the second part of the parameters of an aperiodic sounding reference signal can be flexibly configured to adapt to various application scenarios.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : CRYSTALLINE 6 7-UNSATURATED-7-CARBAMOYL MORPHINANE DERIVATIVE AND METHOD FOR PRODUCING 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 (62) Divisional to Application Number Filing Date 	:C07D489/08,A61K31/485,A61P1/08 :2010253688 :12/11/2010 :Japan :PCT/JP2011/076034 :11/11/2011 :WO 2012/063933 :NA :NA :NA	 (71)Name of Applicant : 1)Shionogi & Co. Ltd. Address of Applicant :1 8 Doshomachi 3 chome Chuo ku Osaka shi Osaka 5410045 Japan (72)Name of Inventor : 1)TAMURA Yoshinori 2)NOGUCHI Kouichi 3)INAGAKI Masanao 4)MORIMOTO Kenji 5)HAGA Nobuhiro 6)ODA Shinichi 7)OMURA Sohei
Thing Date		

(57) Abstract :

The present invention provides a compound represented by Formula (IA): an acid addition salt thereof and/or stable crystals of solvates thereof. The crystals are extremely useful as an active ingredient for producing pharmaceutical products. The present invention further provides a novel method for producing a 6 7 unsaturated 7 carbamoyl morphinane derivative.

No. of Pages : 99 No. of Claims : 52

(21) Application No.5722/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESS AND REACTOR SYSTEM FOR THE PREPARATION OF POLYETHER POLYOLS (51) International classification :C08G65/00 (71)Name of Applicant : (31) Priority Document No **1)SHELL INTERNATIONALE RESEARCH** :11155825.0 (32) Priority Date :24/02/2011 MAATSCHAPPIJ B.V. (33) Name of priority country Address of Applicant : Carel van Bylandtlaan 30 NL 2596 HR :EPO (86) International Application No :PCT/EP2012/053079 The Hague Netherlands (72)Name of Inventor : Filing Date :23/02/2012 (87) International Publication No :WO 2012/113871 **1)ELEVELD Michiel Barend** (61) Patent of Addition to Application 2)HARTEVELD Wouter Koen :NA Number 3)VAN DER HULST Cornelis Hyacinthus Maria :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention provides a process for the preparation of a polyether polyol said process comprising polymerisingone or more alkylene oxides in the presence of a multimetal cyanide complex catalyst and an initiator compound wherein the process is carried out in a reactor vessel equipped with means for agitating its contents and the one or more alkylene oxides are supplied to an agitated mixture comprising the multimetal cyanide complex catalyst and the initiator via a feed inlet device said feed inlet device comprising a sparger. The present invention also provides a reactor system for the preparation of polyols said reactor system comprising: (a) a reactor vessel; (b)means for agitating the contents of the reactor vessel; (c)an inlet tube suitable for supplying initiator and catalyst to the reactor system; (d)an outlet tube for removing material from the reactor system; and (e) a feed inlet device for the addition of alkylene oxides to the reactor vessel said feed inlet device comprising a sparger.

No. of Pages : 17 No. of Claims : 11

(21) Application No.5836/CHENP/2013 A

(22) Date of filing of Application :19/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD OF MANUFACTURING A METAL VEHICLE WHEEL AND VEHICLE WHEEL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B21D53/26,B21D53/30,B60B3/08 :10016026.6 :23/12/2010 :EPO :PCT/EP2011/006409 :19/12/2011	 (71)Name of Applicant : 1)TATA STEEL NEDERLAND TECHNOLOGY B.V. Address of Applicant :P.O. Box 10000 NL 1970 CA IJmuiden Netherlands (72)Name of Inventor : 1)DEN UIJL Nick Johannes 2)DE HAAN Theobald
Filing Date (87) International Publication No	:WO 2012/084177	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Method of manufacturing a metal vehicle wheel (10) comprising at least a circumferential rim and a disc comprising a hot stamping step of hot stamping a metal blank into a wheel part (12) having a circumferential rim portion (16) and an integral disc portion (14) and a quenching step of quenching the hot stamped wheel part; and providing at least one other wheel part (20); and a welding step of at least partially circumferentially welding the wheel parts (12 20) together.

No. of Pages : 12 No. of Claims : 9

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

(54) Title of the invention : INK FOR INKJET RECORDING AND INKJET RECORDER

(51) International classification	:G06C	(71)Name of Applicant :
(31) Priority Document No	:2013-	1)RICOH COMPANY, LTD.
(51) Thomy Document No	035765	Address of Applicant :3-6, NAKAMAGOME 1-CHOME,
(32) Priority Date	:26/02/2013	OHTA-KU, TOKYO, 143-8555 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)MASAYUKI KOYANO
Filing Date	:NA	2)HISASHI HABASHI
(87) International Publication No	: NA	3)TAKASHI OKADA
(61) Patent of Addition to Application Number	:NA	4)TOMOHIRO INOUE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An ink for inkjet recording includes a colorant; water; and a water-soluble solvent. The colorant includes C.I. Acid Orange 33 having at least a high-polarity first peak and a low-polarity second peak wdien subjected to a liquid chromatography. A ratio (S2/S1) of an area of the second peak S2 to an area of the first peak SI is less than 0.90.

No. of Pages : 30 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :05/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ANTIBODY AGAINST THE CSF 1R

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority countrest (50) International Application No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	ⁿ :PCT/EP2012/052043 :07/02/2012 ¹ :WO 2012/110360 :NA :NA	 (71)Name of Applicant : 1)TRANSGENE SA Address of Applicant :Boulevard Gonthier dAndernach Parc d'innovation CS80166 F 67405 Illkirch Graffenstaden Cedex France (72)Name of Inventor : 1)HAEGEL HI"ne 2)THIOUDELLET Christine 3)GEIST Michel 4)GRELLIER Beno®t 5)MARCHAND Jean Baptiste
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(57) Abstract :

The present invention provides antibodies specific for the CSF 1 R compositions comprising said antibodies and methods of treatment using such compositions.

No. of Pages : 176 No. of Claims : 17

(22) Date of filing of Application :05/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SEMICONDUCTOR DEVICE INVERTER DEVICE PROVIDED WITH SEMICONDUCTOR DEVICE AND IN VEHICLE ROTATING ELECTRICAL MACHINE PROVIDED WITH SEMICONDUCTOR DEVICE AND INVERTER DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	¹ :PCT/JP2011/002253 :18/04/2011 ¹ :WO 2012/143964 :NA :NA	 (71)Name of Applicant : 1)Mitsubishi Electric Corporation Address of Applicant :7 3Marunouchi 2 chome Chiyoda ku Tokyo 1008310 Japan (72)Name of Inventor : 1)OGA Takuya 2)KATO Masaki 3)SUGIHARA Tsuyoshi
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(57) Abstract :

A semiconductor device of the present invention is provided with: a first MOS FET (21) bonded to a first base board (11) using a solder (61); a second MOS FET (22) bonded to a second base board (12) using a solder (64); a first lead (31) which connects to each other the first base board (11) and the second MOS FET (22); and a second lead (32) which connects to each other the second MOS FET (22) and a current path member (13) that transmits currents to the outside from both the MOS FETs (21 22). The semiconductor device is configured such that the second base board (12) has rigidity higher than rigidities of both of the leads (31 32) and that a boundary line (D D) intersects the second base board (12) without intersecting both the leads (31 32) said boundary line including a gap portion (52) where both the MOS FETs (21 22) face each other and extending in the direction in which both the MOS FETs (21 22) do not face each other.

No. of Pages : 48 No. of Claims : 13

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND DEVICE FOR RELEASING CONTEXT RELATED RESOURCES OF USER 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 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W36/00 :2011-10004406.3 :10/01/2011 :China :PCT/CN2012/070192 :10/01/2012 :WO 2012/094989 A1 :NA :NA :NA :NA	 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant :Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 China (72)Name of Inventor : 1)ZHANG Tao 2)LIN Bo 3)ZHOU Zheng
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(57) Abstract :

Embodiments of the present invention provide a method and a device for releasing context related resources of a user equipment. The method for releasing context related resources of a user equipment comprises: a source intermediate node receiving a control message the control message carrying an identifier of a user equipment handed over to a node of a target access network; and the source intermediate node releasing context related resources of the user equipment corresponding to the identifier of the user equipment. The embodiment of the present invention enables the release of the context related resources of the user equipment in the source intermediate node so that new user equipments can access the network smoothly thereby saving resources.

No. of Pages : 66 No. of Claims : 39

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : LOW PROFIL	LE SPEAKER	
 (54) Title of the invention : LOW PROFIL (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04R9/02,H04R1/02 :61/426973 :23/12/2010 :U.S.A.	 (71)Name of Applicant : 1)NIEDERMANN Paul Address of Applicant :1106 Pine Valley Drive Rockford Illinois 61107 U.S.A. (72)Name of Inventor : 1)NIEDERMANN Paul

(57) Abstract : A low profile speaker that includes a low profile frame and a first magnet assembly disposed in the low profile frame. The first magnet assembly has a first cage and a plurality of magnets disposed in the first cage. The low profile speaker also includes a support assembly having a cone and a support ring attached to the cone and a voice coil attached to the support ring. The support ring and voice coil are suspended in relatively close proximity to the magnet assembly such that the support ring and voice coil oscillate in response to electrical signals in the voice coil.

No. of Pages : 33 No. of Claims : 35

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:B60R25/04	(71)Name of Applicant :
(31) Priority Document No	:11153725.4	1)DELPHI TECHNOLOGIES HOLDING SR.L.
(32) Priority Date	:08/02/2011	Address of Applicant : Avenue de Luxembourg L 4940
(33) Name of priority country	:EPO	Bascharage Luxembourg
(86) International Application No	:PCT/EP2012/051779	(72)Name of Inventor :
Filing Date	:02/02/2012	1)BURIKS Adrian
(87) International Publication No	:WO 2012/107346	2)LAMB Rodney
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1174	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : METHOD AND APPARATUS FOR VEHICLE SECURITY

(57) Abstract :

A method and an engine control system adapted for securing a vehicle are described. An engine control unit (2) uses one or more items of static digital data that are stored in a first memory. An immobiliser (3) is adapted to ensure that any item stored in the first memory is protected against unauthorised modification.

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

:NA

:NA

:NA

:NA

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) The of the invention . ENDOSCOFE		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	A :A61B1/06,A61B1/00,G02B23/26 :2011236389 :27/10/2011 :Japan :PCT/JP2012/076809 :17/10/2012 :WO 2013/061838	 (71)Name of Applicant : 1)OLYMPUS MEDICAL SYSTEMS CORP. Address of Applicant :43 2 Hatagaya 2 chome Shibuya ku Tokyo 1510072 Japan (72)Name of Inventor : 1)KUDO Akira

(54) Title of the invention · ENDOSCOPE

(57) Abstract :

(62) Divisional to Application

(61) Patent of Addition to

Application Number

Filing Date

Filing Date

Number

This endoscope comprises an LED light source unit provided on the distal rigid portion configuring the tip portion of an endoscope insertion unit wherein the LED light source unit is provided with an LED ceramic substrate an LED light source mounted on the distal side on the LED ceramic substrate an LED cable inserted into the endoscope insertion unit guided to the tip portion and connected to a conduction pattern on the LED ceramic substrate and a reinforcement member which is fixed integrally to the LED ceramic substrate and which covers a ceramic notch portion provided for exposing the conduction pattern on the LED ceramic substrate.

No. of Pages : 21 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :05/08/2013

(54) Title of the invention : AN APPARATUS FOR OPTICAL ANALYSIS OF AN ASSOCIATED TISSUE

(51) Internationalclassification(31) Priority Document No	:G01N21/25,G01N21/64,A61B1/00 :11150095.5	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE
(-))	:04/01/2011	Eindhoven Netherlands
(33) Name of priority country		(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication No 	:PCT/IB2011/055885 :22/12/2011 :WO 2012/093309	1)HENDRIKS Bernardus Hendrikus Wilhelmus 2)NACHABE Rami 3)LUCASSEN Gerhardus Wilhelmus 4)DESJARDINS Adrien Emmanuel 5)RUERS Theodoor Jacques Marie
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	INA	SJKUERS Theodoor Jacques Marie
Filing Date	:NA	

(57) Abstract :

The present invention relates to an apparatus 100 and a method and a computer program for determining a parameter indicative of a tissue type of an associated tissue 116. In particular the invention relates to an apparatus 100 comprising a spectrometer 102 which spectrometer comprises a light source 104 and a detector 106 108 arranged to measure an optical spectrum. This enables determination of a first parameter being indicative of a bile concentration. As the inventors of the present invention have made the insight that bile concentration may serve as a discriminative feature for different tissue types the apparatus is arranged to determine a second parameter indicative of a tissue type based on a concentration of bile. According to a specific embodiment the apparatus further comprises an interventional device 112.

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

(21) Application No.5705/CHENP/2013 A

(22) Date of filing of Application :17/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ADDRESS GENERATION IN A DATA PROCESSING APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (33) Name of priority country (34) Name of priority country (35) Name of priority country (36) International Application No (37) PCT/GB2012/050155 Filing Date (37) International Publication No (37) PCT/GB2012/050155 (37) International Publication No (37) International Publication No (37) PCT/GB2012/050155 (37) International Publication No (37) PCT/GB2012/050155 (37) Priority Country (38) Name of priority country (39) Priority Country (30) Priority Date (30) Priority Date (31) Priority Date (32) Priority Date (33) Name of priority country (33) Name of priority country (33) Name of priority Country (34) Priority Date (35) Priority Date (36) Pointernational Application (36) PCT/GB2012/050155 (37) PCT/GB2012/050155 (37) Priority Date (37) Pointernational Publication No (37) Pointernational Publication (38) PCT/GB2012/050155 (37) Pointernational Publication (37) Pointernational Publication (38) PCT/GB2012/050155 (37) PCT/GB2012/050155 (37) PCT/GB2012/050155 (37) PCT/GB2012/050155 (38) PCT/GB2012/050155 (38) PCT/GB2012/050155 (39) PCT/GB2012/050155 (30) PCT/GB2012/050155 (31) PCT/GB2012/050155 (31) PCT/GB2012/050155 (32) PCT/GB2012/050155 (31) PCT/GB2012/050155 (32) PCT/GB2012/050155 (31) PCT/GB2012/050155 (32) PCT/GB2012/050155 (32) PCT/GB2012/050155 (33) PCT/GB2012/050155 (34) PCT/GB2012/050155 (35) PCT/GB2012/050155 (35) PCT/GB2012/050155 (35) PCT/	0,G06F9/32 (71)Name of Applicant : 1)ARM LIMITED Address of Applicant :110 Fulbourn Road Cherry Hinton Cambridge CB1 9NJ U.K. 58 (72)Name of Inventor : 1)STEPHENS Nigel John 2)SEAL David James
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(57) Abstract :

A data processing apparatus is provided comprising processing circuitry and an instruction decoder responsive to program instructions to control processing circuitry to perform the data processing. The instruction decoder is responsive to an address calculating instruction to perform an address calculating operation for calculating a partial address result from a non fixed reference address and a partial offset value such that a full address specifying a memory location of an information entity is calculable from said partial address result using at least one supplementary program instruction. The partial offset value has a bit width greater than or equal to said instruction size and is encoded within at least one partial offset field of said address calculating instruction. A corresponding data processing method virtual machine and computer program product are also provided.

No. of Pages : 52 No. of Claims : 47

(22) Date of filing of Application :17/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MOBILE COMMUNICATION DEVICE AND COMMUNICATION METHOD

(51) International classification	:H04M1/00,G06F13/00,H04M11/00	(71)Name of Applicant : 1)NEC CASIO Mobile Communications Ltd.
(31) Priority Document No	:2011008559	Address of Applicant :1753 Shimonumabe Nakahara ku
(32) Priority Date	:19/01/2011	Kawasaki shi Kanagawa 2118666 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication 	:31/10/2011	1)UCHIDA Kaoru
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	n:NA :NA	

(57) Abstract :

The objective of the present invention is to provide a mobile communication device and communication method that without complicating a system configuration enable remote monitoring of a user of a household electronic appliance by means of collecting data from the household electronic appliance. The mobile communication device (10) is provided with: a public network communication unit (20) that wirelessly communicates with a public network (60); a local area communication unit (30) that communicates with a sensor apparatus (50) present in a proximal area; and an access management unit (40) that receives access from the sensor apparatus (50) via the local area communication unit (30) and on the basis of information transmitted from the sensor apparatus (50) transmits sensor apparatus usage information to an external apparatus connected to the public network (60) or receives access from the external apparatus via the public network communication unit (20) and in accordance with remote control information from the external apparatus controls the operation of the sensor apparatus (50).

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

(21) Application No.6176/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:B65D47/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)APTARGROUP INC.
(32) Priority Date	:NA	Address of Applicant :475 West Terra Cotta Suite E Crystal
(33) Name of priority country	:NA	Lake IL 60014 9695 U.S.A.
(86) International Application No	:PCT/US2011/026950	(72)Name of Inventor :
Filing Date	:03/03/2011	1)MAZURKIEWICZ Timothy M.
(87) International Publication No	:WO 2012/118502	2)ROBERTS Charles E.
(61) Patent of Addition to Application	. NT A	3)SMITH Kelly A.
Number	:NA	4)BAILEY Albert D. Jr.
Filing Date	:NA	5)WISNIEWSKI John
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract		

(54) Title of the invention : CLOSURE WITH TAMPER EVIDENT FEATURE

(57) Abstract :

A tamper evident closure (40) is provided for a container. In one particular embodiment the closure (40) has a body (42) and a hinged lid (44) and has the following additional features as next described. A lamper indicating tab (120) is connected to the lid (44) by a frangible junction (130). A pressing member (150) is connected to the closure body (42) for movement from an initial unactuated configuration and to an inwardly deformed actuated configuration. A post (170) is provided on either the pressing member (150) or tab (120) and a slot (140) is defined in the other of the pressing member (150) and tab (120) wherein the slot (140) non releasably receives the post (170) when the lid (44) is first closed. The closure body (42) also has an inwardly located retention wall (1 60) defining an aperture (164). When the pressing member (150) is pressed inwardly the frangible junction (130) is broken to allow the Hd (44) to be lifted and an end portion of the post (170) is non releasably received in the retention wall aperture (164).

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

(19) INDIA

(22) Date of filing of Application :05/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CONNECTOR APPARATUS

(32) Priority Date	:F16L37/091,F16L33/00,F16L47/08 :13/023735 :09/02/2011	 (71)Name of Applicant : 1)A. RAYMOND ET CIE Address of Applicant :115 Cours Berriat F 38000 Grenoble France
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2012/023306 :31/01/2012	1)REZNAR Jason F. 2)DANBY Michael Richard
(87) International Publication No	:WO 2012/109055	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	¹ :NA :NA	

(57) Abstract :

A connector apparatus is provided. In another aspect at least a majority of a connector apparatus is a polymeric material. A further aspect of a connector apparatus couples together multiple tubes which may optionally be of different materials. Yet another aspect employs a connector apparatus which can be of a quick connect variety to one or more tubes without requiring threaded engagement of the tube thereby avoiding undesired thread stripping and/or thread misalignment.

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

(19) INDIA

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

(54) Title of the invention : COMMUNICATION APPARATUS AND METHOD FOR CONTROLLING THE SAME (51) International classification :h041 (71)Name of Applicant : 1)CANON KABUSHIKI KAISHA :2012-(31) Priority Document No Address of Applicant :3-30-2, SHIMOMARUKO, OHTA-KU, 286677 :28/12/2012 TOKYO Japan (32) Priority Date (72)Name of Inventor : (33) Name of priority country :Japan (86) International Application No :NA **1)HITOSHI WATANABE** 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 :

Information on one or more networks in which a communication apparatus has participated before and information on one or more external apparatuses to which the communication apparatus has been connected before are held. Information on a first network previously formed by the communication device and information on a second network previously formed by an external access point are held such that the information on the first network and the information on the second network are identifiable. If it is judged that there is not a network corresponding to the held information on the second network, it is determined to use a network based on the held information on the first network.

No. of Pages : 72 No. of Claims : 10

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : HYBRID VEHICLE

 classification (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority :NA (33) Name of priority :NA (86) International Application No Filing Date :31/01/2 	P2011/051910	 (71)Name of Applicant : 1)SUZUKI MOTOR CORPORATION Address of Applicant :300 Takatsuka cho Minami ku Hamamatsu shi Shizuoka 4328611 Japan (72)Name of Inventor : 1)HOSOE Yukihiro 2)ITO Yoshiki 3)TAGAWA Masaaki 4)OHKUMA Hitoshi
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(57) Abstract :

The purpose of the present invention is to allow an engine to start up while minimizing the degradation of an electricity storage means and thereby achieve both the protection of the electricity storage means and an improvement in engine startability. A hybrid vehicle provided with: a state of charge calculating means that calculates the state of charge of an electricity storage means; a standard switching means that turns a contactor off if the state of charge calculated by the state of charge calculating means is lower than a standard lower limit value; and an engine startup switching means that keeps the contactor on if an engine startup signal has been input even in cases where the state of charge calculated by the state of charge calculating means has a value that would cause the contactor to be turned off. The present invention is characterized in that the engine startup switching means is higher than an engine startup lower limit value that has been set to a value that is smaller than the standard lower limit value by a predetermined value.

No. of Pages : 32 No. of Claims : 2

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : GATE CONTROL CIRCUIT POWER MODULE AND ASSOCIATED METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H02M1/32,H03K1//082,H03K1//10 :NA :NA :PCT/EP2011/054007	 (71)Name of Applicant : 1)ABB Research Ltd Address of Applicant :Affolternstrasse 44 CH 8050 Z¹/₄rich Switzerland (72)Name of Inventor : 1)CHIMENTO Filippo 2)HERMANSSON Willy 3)NORRGA Staffan
Filing Date (87) International Publication No	:16/03/2011 :WO 2012/123027	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

It is presented a gate control circuit comprising: a gate input arranged to receive an input gate feed signal; a gate output arranged to be connected during normal operation to at least one switching module for controlling current through a main circuit the gate output being connected to the gate input; a power supply; and a switch connected between the power supply and the gate output the switch being arranged to close as a response to a failure. A corresponding power module and method are also presented.

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

(19) INDIA

(22) Date of filing of Application :05/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:H04R29/00	(71)Name of Applicant :
(31) Priority Document No	:11150160.7	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:05/01/2011	Address of Applicant : High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:EPO	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/050005	(72)Name of Inventor :
Filing Date	:02/01/2012	1)DUISTERS Ronald Petrus Nicolaas
(87) International Publication No	:WO 2012/093343	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SEAL QUALITY ESTIMATION FOR A SEAL FOR AN EAR CANAL

(57) Abstract :

Measurements of body sounds in the ear canal may be used for many applications. However reliability is dependent on the ear canal being properly sealed to allow the body sounds to achieve a detectable level. An apparatus is therefore provided for determining a seal quality indication for a seal of an ear canal. An ear canal microphone (201) provides a microphone signal to an input (203) which is coupled to a circuit (205) for generating a first signal from the microphone signal. The first signal may be the same as the microphone signal. A circuit (209) then determines the seal quality in response to the frequency spectrum for the first signal. A frequency transformer (207) may perform a frequency transformation on the first signal to generate a frequency spectrum for the first signal and. The seal quality indication may specifically be generated based on a detection of a low frequency boost.

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

(19) INDIA

(22) Date of filing of Application :05/08/2013

(43) Publication Date : 26/09/2014

(51) International classification :H04S3/00,G10K15/12 (71)Name of Applicant : (31) Priority Document No 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. :11150155.7 (32) Priority Date Address of Applicant : High Tech Campus 5 NL 5656 AE :05/01/2011 (33) Name of priority country Eindhoven Netherlands :EPO (86) International Application No (72)Name of Inventor : :PCT/IB2012/050023 Filing Date :03/01/2012 **1)OOMEN Arnoldus Werner Johannes** (87) International Publication No :WO 2012/093352 2)BREEBAART Dirk Jeroen (61) Patent of Addition to Application **3)KOPPENS Jeroen Gerardus Henricus** :NA Number 4)SCHUIJERS Erik Gosuinus Petrus :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : AN AUDIO SYSTEM AND METHOD OF OPERATION THEREFOR

(57) Abstract :

An audio system comprises a receiver (301) for receiving an audio signal such as an audio object or a signal of a channel of a spatial multi channel signal. A binaural circuit (303) generates a binaural output signal by processing the audio signal. The processing is representative of a binaural transfer function providing a virtual sound source position for the audio signal. A measurement circuit (307) generating measurement data indicative of a characteristic of the acoustic environment and a determining circuit (311) determines an acoustic environment parameter in response to the measurement data. The acoustic environment parameter may typically be a reverberation parameter such as a reverberation time. An adaptation circuit (313) adapts the binaural transfer function in response to the acoustic environment parameter to more closely resemble the reverberation characteristics of the acoustic environment.

No. of Pages : 36 No. of Claims : 15

(22) Date of filing of Application :05/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : AN AUDIO SYSTEM AND METHOD OF OPERATION THEREFOR

(57) Abstract :

An audio system comprises an ultrasound sensor array (105) which has a plurality of ultrasound sensor elements and an audio band array (101) comprising a plurality of audio band elements. The same array of wideband audio transducers may be used for both the ultrasound sensor array (105) and the audio band array (101). An estimator (107) generates a presence characteristic of a user in response to ultrasound signals received from the ultrasound sensor array. The presence characteristic may specifically comprise a position estimate for the user. An audio array circuit (103) generates a directional response for the audio band array (101) by applying weights to individual audio band signals for the audio band elements. A weight circuit (109) determines the weights in response to the presence characteristic. The system may provide improved adaptation of the directivity of the audio band array (101) and specifically does not require the sound source in the audio band to be active for adaptation.

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

(22) Date of filing of Application :05/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : DEVICE AND METHOD FOR EXTRACTING INFORMATION FROM CHARACTERISTIC SIGNALS

(31) Priority Document No:11(32) Priority Date <td:05< td="">(33) Name of priority country:EI(86) International Application No:PCFiling Date:04</td:05<>	1150151.6 5/01/2011 PO CT/IB2012/050033 4/01/2012 VO 2012/093358 IA IA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)VAN LEEST Adriaan Johan 2)DE HAAN Gerard 3)VERKRUIJSSE Willem
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(57) Abstract :

The present invention relates to a device and a method for extracting information from detected characteristic signals. A data stream (76 78 80 82) derivable from electromagnetic radiation (14) emitted or reflected by an object (11) is received and a plurality of characteristic index elements (50) varying over time can be extracted therefrom. The index elements (50) comprise physiological information (48) indicative of at least one at least partially periodic vital signal (12) and a disturbing signal component (58). For eliminating the disturbing signal component (58) to a great extent the characteristic index elements (50) can be projected to a disturbance reduced index element (64) having a distinct orientation in relation to a presumed orientation of the disturbing signal component (58). The disturbance reduced index element (64) is chosen so as to reflect a dominant main orientation and length of the disturbing signal component (58) over time. Consequently the mainly genuine physiological information (48) extracted from the data stream (76 78 80 82) in this way can be utilized for determining the at least one at least partially periodic vital signal (12).

No. of Pages : 46 No. of Claims : 15

(22) Date of filing of Application :05/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : VIDEO CODING AND DECODING DEVICES AND METHODS PRESERVING PPG RELEVANT INFORMATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04N7/26 :11150149.0 :05/01/2011 :EPO :PCT/IB2011/055847 :21/12/2011 :WO 2012/093304 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)KIRENKO Ihor Olehovych 2)DE HAAN Gerard 3)VAN LEEST Adriaan Johan 4)MULYAR Pavlo Serhiyovych
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(57) Abstract :

The present invention relates to a video encoding device (10) for encoding video data and a corresponding video decoding device wherein during decoding PPG relevant information shall be preserved. For this purpose the video coding device (10) comprises a first encoder (20) for encoding input video data (100) according to a first encoding scheme and outputting first coded video data (120) having a lower quality than the input video data and a second encoder (30) for encoding input video data (100) according to a second encoder (30) for encoding input video data (100) according to a second encoding scheme preserving PPG relevant information and outputting second coded video data (130).

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

(19) INDIA

(22) Date of filing of Application :05/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : VIDEO CODING AND DECODING DEVICES AND METHODS PRESERVING PPG RELEVANT **INFORMATION**

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04N7/26 :11150146.6 :05/01/2011 :EPO :PCT/IB2011/055971 :27/12/2011 :WO 2012/093320 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)KIRENKO Ihor Olehovych 2)DE HAAN Gerard 3)VAN LEEST Adriaan Johan 	
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(57) Abstract :

The present invention relates to a video encoding device (10 10 10) and method for encoding video data and to a corresponding video decoding device (60 60) and method. To preserve PPG relevant information after encoding without requiring a large amount of additional data for the video encoder output stream the proposed video encoding device comprises a selection unit (20 20) for selecting a region of interest (101) in input video data (100) providing a strong PPG signal a first encoding unit (30 30) for encoding said selected region of interest (101) of said input video data (100) according to a predetermined encoding scheme with a first setting of the encoding to preserve PPG relevant information in the encoded region of interest a second encoding unit (40 40) for encoding remaining parts (103) of said input video data (100) according to said predetermined encoding scheme with a second setting of the encoding and an encoder combination unit (50) for combining the encoded region of interest (102) and the encoded remaining parts (104) of said input video data into an encoder output video stream (105).

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

(21) Application No.6314/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/08/2013

(43) Publication Date : 26/09/2014

:G06T7/60 :61/429777	(71)Name of Applicant :
:61/429777	ALCONDUCT THE BUILT DO DE DOTDONICON U
	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
:05/01/2011	Address of Applicant : High Tech Campus 5 NL 5656 AE
:U.S.A.	Eindhoven Netherlands
:PCT/IB2012/050025	2)PHILIPS INTELLECTUAL PROPERTY &
:03/01/2012	STANDARDS GMBH
:WO 2012/093353	(72)Name of Inventor :
·NI A	1)THIELE Frank Olaf
.INA	
:NA	
:NA	
	:U.S.A. :PCT/IB2012/050025 :03/01/2012 :WO 2012/093353 :NA :NA :NA

(54) Title of the invention : AUTOMATIC QUANTIFICATION OF ASYMMETRY

(57) Abstract :

An apparatus detects asymmetry in an object such as a brain. The apparatus includes a processor programmed to fit a three dimensional image of the object to a preselected shape such as a standard brain atlas. The processor projects the three dimensional image of the object to a two dimensional surface image. The processor compares corresponding mirror image symmetric voxel pairs on the left and right sides of the surface image. The processor generates at least one of an asymmetry map and an asymmetry index based on the deviations in the pixel pairs. The processor can also mask before the comparison pixels of the surface image which are asymmetric in a normal brain.

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

(21) Application No.6315/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR DISTRIBUTING MEANINGFUL CLINICAL ALERTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L12/58,H04L12/18 :61/429779 :05/01/2011 :U.S.A. :PCT/IB2011/055858 :21/12/2011 :WO 2012/093307 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)GROSS Brian David 2)LAGOR Charles 3)WEISS David Warren 4)PATTILLO Monroe Wyatt 5)PORTERFIELD Robert Duane 6)GOSSE Redvers Curtis
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(57) Abstract :

A messaging system (100) for routing clinical messages includes an event handler and a standardized protocol (105). The event handler (106) receives one or more inbound messages from one or more event sources (102). The event sources (102) include one or more worklist items. The event handler (106) further stores the worklist items in an event database (198) and generates and communicates outbound messages for one or more worklist items in the event database (198) that need to be acted upon as determined by one or more rules. The standardized protocol (105) is used to represent the inbound messages and the outbound messages.

No. of Pages : 38 No. of Claims : 20

(21) Application No.6097/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:F04B53/18,F04B39/00 :61/437333 :28/01/2011 :U.S.A. :PCT/US2012/022287	 (71)Name of Applicant : 1)WABTEC HOLDING CORP. Address of Applicant :1001 Air Brake Avenue Wilmerding Pennsylvania 15148 U.S.A. (72)Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)FORD Antione T. 4)DOSSAJI Murtaza R.
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : OIL FREE AIR COMPRESSOR FOR RAIL VEHICLES

(57) Abstract :

An oil free compressor for a rail vehicle includes a multi piece compressor housing a first piston cylinder supported in a first opening in the compressor housing a second piston cylinder supported in a second opening in the compressor housing and a multi piece crankshaft assembly supported by the compressor housing. The crankshaft assembly is linked to pistons of the first and second piston cylinders by respective connecting rods. The connecting rods connect to a wrist pin associated with each of the pistons and the wrist pins are respectively supported by a dry lubricant bushing to the associated piston. The compressor housing may have at least a first housing portion and a second housing portion. The first housing portion and the second housing portion may form respective halves of the compressor housing that are secured together with mechanical fasteners.

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

(19) INDIA

(22) Date of filing of Application :06/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:H02J3/14	(71)Name of Applicant :
(31) Priority Document No	:11150287.8	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:06/01/2011	Address of Applicant : High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:EPO	Eindhoven Netherlands
(86) International Application No	:PCT/IB2011/056003	2)PHILIPS INTELLECTUAL PROPERTY &
Filing Date	:29/12/2011	STANDARDS GmbH
(87) International Publication No	:WO 2012/093324	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)LELKENS Armand Michel Marie
Number	:NA	2)FILIPPI Alessio
Filing Date	.1171	3)DRAAIJER Maurice Herman Johan
(62) Divisional to Application Number	:NA	4)FUHRMANN Peter
Filing Date	:NA	

(54) Title of the invention : ELECTRICAL ENERGY DISTRIBUTION APPARATUS.

(57) Abstract :

The invention relates to an electrical energy distribution apparatus (1) for distributing electrical energy within an arrangement of electrical devices (3 to 7 11). Assignments between priority classes and at least some of the electrical devices (3 to 7) are provided and distribution control information for controlling the distribution of electrical energy within the arrangement of the electrical devices (3 to 7 11) is received. A distribution rules determination unit (9) determines distribution rules depending on the received distribution control information and the provided assignments and an electrical energy distributor (10) distributes the electrical energy within the arrangement of electrical devices (3 to 7 11) depending on the determined distribution rules. This determination of distribution rules depending on the assignments and the distribution control information which may reflect for example actual costs of electrical energy provides an adaptable distribution of electrical energy which allows for improving this distribution.

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

(19) INDIA

(22) Date of filing of Application :06/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : INHIBITING UNAUTHORIZED ACCESS TO A LASER SOURCE		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands

(57) Abstract :

The invention relates to the field of laser sources (3) and for specifically to inhibiting damage due to misuse of a laser source (3) in particular of a high power laser source (3) provided in a consumer product (1). The proposed device (1) includes at least a laser source (3) and a safety unit (2) wherein by means of the arrangement of the safety unit (2) it is provided that potential harm caused by misuse of the laser source (3) based on an unauthorized access to the laser source (3) is confined or even prevented by reducing the power level of the output of the laser source (3) or by even completely stopping any laser output therefrom. A corresponding method of providing a laser source (3) and a further method of preventing misuse of a laser source (3) are also proposed.

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

(19) INDIA

(22) Date of filing of Application :06/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : AMBIENT LIGHT CONTROL		
 (54) Title of the invention : AMBIENT L. (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 		 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)BIRRU Dagnachew
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a control device (10) for use in an ambient light control system (20) for controlling ambient light entering a space (1) through an opening (2). An ambient light prediction unit (11) provides ambient light prediction values which are predictions of an ambient light property at the opening (2). An ambient light adjusting unit (12) provides at different ambient light adjusting time points an ambient light adjusting signal depending on the ambient light prediction values for an upcoming ambient light prediction time period. The ambient light adjusting signal is adapted for use by an ambient light modifying element (22) for modifying the entering of ambient light into the space (1) through the opening (2). By taking the predicted ambient light conditions at the opening (2) into account necessary adjustments can be made at temporally spaced ambient light adjusting time points resulting in fewer disturbances of the users.

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

(21) Application No.51/CHENP/2014 A

(22) Date of filing of Application :02/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : ENCASEMENT FOR HEAT TRANSFER FLUID (HTF) CONDUITS.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:PCT/EP2012/000140	 (71)Name of Applicant : 1)AISLAMIENTOS SUAVAL S.A. Address of Applicant :P.I. Tabaza II Parcela 20 33469 Carre±o (Asturias) Spain (72)Name of Inventor : 1)SUAREZ VALDES SUAREZ Jose Guillermo
Filing Date	:13/01/2012	ijs official vicialities sofficial obse Guillet no
(87) International Publication No	:WO 2013/007319	
(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 an encasement for heat transfer fluid conduits having: an outer layer (1) of sheet metal and an intermediate layer (2) below the outer layer (1). The intermediate layer (2) is made of insulating material having a maximum thickness of 35 mm. The heat transfer fluid conduits are movable.

No. of Pages : 24 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : LAMINATE	BODY	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B32B27/20 :2011144225 :29/06/2011 :Japan :PCT/JP2012/066565 :28/06/2012 :WO 2013/002335 :NA :NA :NA :NA	 (71)Name of Applicant : 1)F Consultant Co. Ltd. Address of Applicant :5 31 Nakahozumi 3 chome Ibaraki shi Osaka 5670034 Japan (72)Name of Inventor : 1)KAKEHIDAKoji 2)ONOUESei ichi 3)KURODAHirofumi 4)YAMAGUCHIMegumi

(57) Abstract :

The present invention obtains a laminate body that has superior aesthetics and can effectively suppress a temperature rise during solar light irradiation. The laminate body laminates a decorative layer and a base layer and is characterized by the decorative layer containing colored particles and silica having an average primary particle size of 1 200 nm and the colored particles being the result of adhering a metal oxide to the surface of inorganic particles.

No. of Pages : 68 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :09/07/2013

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H04W24/10 :201110004191.5 :10/01/2011 :China :PCT/CN2012/070145	 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant :Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 China (72)Name of Inventor :
Filing Date (87) International Publication No	:09/01/2012 :WO 2012/094973	1)WANG Fan 2)GUO Yi
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2,000 H

(54) Title of the invention : MEASUREMENT GAP CONFIGURATION METHOD AND COMMUNICATION DEVICE

(57) Abstract :

The present invention relates to the technical field of radio communications. Disclosed are a measurement gap configuration method and a communication device. The method comprises: determining according to Positioning Reference Signal (PRS) information of cells that participate in positioning a gap offset or determining according to PRS information of cells that participate in positioning information for acquiring a gap offset; and sending to a base station of a serving cell the gap offset or the information for acquiring the gap offset. The base station receives from a terminal or a positioning center the gap offset or the information comprising the received gap offset or a gap offset determined according to the information for acquiring the gap offset or a gap offset determined according to the information for acquiring the gap offset according to the PRS information of cells that participate in position of determining the gap offset according to the PRS of cells that participate in positioning the detection performance of the PRS.

No. of Pages : 37 No. of Claims : 17

(22) Date of filing of Application :19/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : BUCKET TREATMENT STATION RETROFITTING METHOD OF TREATMENT STATION

(51) International classification	n:A47L13/60,A47L13/58,A61L2/10	(71)Name of Applicant :
(31) Priority Document No	:1100476.9	1)YOUNG Ronald Alexander (Scot)
(32) Priority Date	:12/01/2011	Address of Applicant :Scot Young Research Lye Bypass Lye
(33) Name of priority country	:U.K.	Stourbridge West Midlands DY9 8HG U.K.
(86) International Application No Filing Date	:PCT/GB2012/050054 :12/01/2012	(72)Name of Inventor : 1)YOUNG Ronald Alexander (Scot)
(87) International Publication No	:WO 2012/095665	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A bucket arrangement (1) including: a bucket (10) configured to contain a volume of liquid for use in cleaning a surface; a treatment station; a flow path for liquid from the liquid volume (15) to the treatment station (30); and a flow path for liquid from the treatment station to return the liquid to the liquid volume after treatment by the treatment station (30) wherein the treatment station includes a source of ultra violet radiation configured to expose the liquid in the treatment station to ultra violet radiation to treat the liquid and/or a silver based antibacterial device (70) configured to expose the liquid in the treatment station to silver to treat the liquid.

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

(22) Date of filing of Application :06/08/2013

(43) Publication Date : 26/09/2014

(51) International classification :F24J2/52 (71)Name of Applicant : (31) Priority Document No **1)CARL FREUDENBERG KG** :11001119.4 (32) Priority Date Address of Applicant : Hhnerweg 2 4 69469 Weinheim :11/02/2011 (33) Name of priority country Germany :EPO (86) International Application No :PCT/IB2011/001875 (72)Name of Inventor : Filing Date :12/08/2011 **1)BARTH Armin** (87) International Publication No :WO 2012/107795 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : CLAMP CONNECTION FOR THE ATTACHMENT OF PLATE SHAPED COMPONENTS PARTICULARLY SOLAR MODULES

(57) Abstract :

A clamp connection (1) for the attachment of solar modules on rail shaped carriers (2) provided with guide grooves (5) with margins (6 7) that protrude inwards into the groove (5) includes a support (3) with at least one support surface (12) present on its upper side for a component. A T shaped counter bearing (9) present on its lower side where a crossbar (1 1) of the counter bearing can be inserted and engages behind the protruding margins (67) of the guide groove (5) and of a clamping cap (4) with clamping surface (13) covering the support surface (12) and a longitudinal groove (16) which grips the upper part of the supporting brace (5) where the clamping cap (40) and the support (3) are attached to each other via a latching connection (18 19 20 28 48).

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

(22) Date of filing of Application :09/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SINGLE REFERENCE PICTURE LIST CONSTRUCTION FOR VIDEO CODING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04N7/26,H04N7/46,H04N7/50 :61/435496 :24/01/2011 :U.S.A. :PCT/US2012/022102 :20/01/2012 o:WO 2012/102973 :NA :NA :NA	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor : 1)CHEN Peisong 2)CHIEN Wei Jung 3)KARCZEWICZ Marta 4)CHEN Ying
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(57) Abstract :

The example techniques described in this disclosure provide for an efficient manner to encode or decode a video block of a picture using a single reference picture list. The single reference picture list may include identifiers for reference picture or pictures used to encode or decode the video block. In some examples a video encoder or decoder may encode or decode a video block that is predicted from two reference pictures using the single reference picture list and encode or decode a video block that is predicted from one reference picture using the same single reference picture list.

No. of Pages : 81 No. of Claims : 39

(19) INDIA

(22) Date of filing of Application :06/08/2013

(43) Publication Date : 26/09/2014

(51) International classification (31) Priority Document No	:PD2011A000040	(71)Name of Applicant : 1)CECCATO Nicola
(32) Priority Date(33) Name of priority country	:10/02/2011 :Italy	Address of Applicant :Via Mohringen 15/C I 35041 Battaglia Terme Padova Italy
(86) International Application No	5	(72)Name of Inventor :
Filing Date	:13/04/2011	1)CECCATO Nicola
(87) International Publication No	:WO 2012/107803	
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DEFORMABLE GUIDE FOR PARTITIONS IN GENERAL

(57) Abstract :

The invention is a deformable guide for partitions in general comprising a plate strip that is die cut cut and bent to form a U and has continuous sections (X) alternating with sections (Y) provided with cuts and holes (C D E). Each section (Y) with cuts and holes (C D E) is provided at least with cuts and holes (C D) that are orthogonal to the edge of the plate strip and suited to divide said section (Y) into portions (Z) and wherein said portions (Z) are bent with respect to each other to form a 115° angle.

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

(22) Date of filing of Application :06/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : COMMUNICATION SYSTEM

 (51) International classification (31) Priority Document No (2011027184 (32) Priority Date (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International PCT/JP2012/052663 (87) International PCT/JP2012/052663 (87) International PUblication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (63) Divisional to Application Number Filing Date 	Address of Applicant :7 3 Marunouchi 2 chome Chiyoda ku Tokyo 1008310 Japan (72)Name of Inventor : 1)MAEDA Miho 2)MOCHIZUKI Mitsuru
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(57) Abstract :

The purpose of the present invention is to provide a communication system capable of providing a suitable service while achieving the improvement of a communication rate using carrier aggregation. In Step (ST1408) when from among a cell (1) and a cell (2) of a base station (A) the cell (1) becomes a primary cell (Pcell) based on RRC connection established between the cell (1) and a UE the cell (1) determines to set the cell (2) as a secondary cell (SCell) which is aggregated into the cell (1) in Step (ST1418). Then the cell (1) notifies the UE to that effect in Step (ST1419). Upon the notification a limiting action for access from the UE to the cell (2) is suspended in an MME and communication between the UE and the cell (2) is initiated in Step (ST1422).

No. of Pages : 170 No. of Claims : 6

(21) Application No.6370/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND SYSTEM OF RAIL COMPONENT DETECTION USING VISION TECHNOLOGY (51) International classification :G06K9/00 (71)Name of Applicant : 1)INTERNATIONAL BUSINESS MACHINES (31) Priority Document No :13/087490 (32) Priority Date **CORPORATION** :15/04/2011 (33) Name of priority country Address of Applicant :1 New Orchard Road Armonk New :U.S.A. (86) International Application No :PCT/US2012/033706 York 10504 1722 U.S.A. Filing Date :15/04/2012 (72)Name of Inventor : (87) International Publication No :WO 2012/142548 **1)HAAS Norman** (61) Patent of Addition to Application 2)LI Ying :NA Number 3)OTTO Charles A. :NA Filing Date 4)PANKANTI Sharathchandra (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A method system and computer program product for automatically inspecting railroad tracks. The method includes assessing a configuration of rail components depicted in an image by comparing the configuration of the rail components to known hazards. The method also includes determining a severity of detected problems in the configuration of the rail components using a computer processor.

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

(21) Application No.6371/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/08/2013

(43) Publication Date : 26/09/2014

(51) International classification :H01L29/82 (71)Name of Applicant : (31) Priority Document No 1)INTERNATIONAL BUSINESS MACHINES CORP. :13/100043 (32) Priority Date Address of Applicant :New Orchard Road Armonk New York :03/05/2011 (33) Name of priority country :U.S.A. 10504 U.S.A. (86) International Application No :PCT/US2012/031938 (72)Name of Inventor : Filing Date :03/04/2012 1)ABRAHAM David W. (87) International Publication No :WO 2012/151020 2)MOJUMDER Niladri N. (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : SPIN TORQUE MRAM USING BIDIRECTIONAL MAGNONIC WRITING

(57) Abstract :

An apparatus is provided for bidirectional writing. A stack includes a reference layer on a tunnel barrier the tunnel barrier on a free layer and the free layer on a metal spacer. The apparatus includes an insulating magnet. A Peltier material is thermally coupled to the insulating magnet and the stack. When the Peltier/insulating magnet interface is cooled the insulating magnet is configured to transfer a spin torque to rotate a magnetization of the free layer in a first direction. When the Peltier/insulating magnet interface is heated the insulating magnet is configured to transfer the spin torque to rotate the magnetization of the free layer in a second direction.

No. of Pages : 45 No. of Claims : 22

(22) Date of filing of Application :30/07/2013

(43) Publication Date : 26/09/2014

(51) International classification :G06F19/00 (71)Name of Applicant : **1)INTERNATIONAL BUSINESS MACHINES** (31) Priority Document No :61/450273 (32) Priority Date :08/03/2011 CORPORATION (33) Name of priority country Address of Applicant :New Orchard Road Armonk NY 10504 :U.S.A. (86) International Application No :PCT/US2012/027936 U.S.A. Filing Date :07/03/2012 (72)Name of Inventor : **1)BAGCHI Sugato** (87) International Publication No :WO 2012/122196 (61) Patent of Addition to Application 2)FERRUCCI David A. :NA Number 3) LEVAS Anthony T. :NA Filing Date 4)MUELLER Erik T. (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : A DECISION SUPPORT APPLICATION AND SYSTEM FOR MEDICAL DIFFERENTIAL DIAGNOSIS AND TREATMENT USING A QUESTION ANSWERING SYSTEM

(57) Abstract :

A decision support system for medical diagnosis and treatment comprises software modules embodied on a computer readable medium and the software modules comprise an input/output module and a question answering module. The method receives patient case information using the input/output module and generates a medical diagnosis or treatment query based on the patient case information and also generates a plurality of medical diagnosis or treatment answers for the query using the question answering module. The method also calculates numerical values for multiple medical evidence dimensions from medical evidence sources for each of the answers using the question answering module and also calculates a corresponding confidence value for each of the answers based on the numerical value of each evidence dimension using the question answering module. The method further outputs the medical diagnosis or treatment answers the corresponding confidence values and the numerical values of each medical evidence dimension for one or more selected medical diagnosis or treatment answers using the input/output module.

No. of Pages : 52 No. of Claims : 23

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR SIGNAL COMPRESSION AND DECOMPRESSION (51) International classification :H03M7/30 (71)Name of Applicant : **1)ALCATEL LUCENT** (31) Priority Document No :13/025255 (32) Priority Date Address of Applicant :3 avenue Octave Grard F 75007 Paris :11/02/2011 (33) Name of priority country :U.S.A. France (86) International Application No :PCT/US2012/023939 (72)Name of Inventor: Filing Date :06/02/2012 1)SAMARDZIJA Dragan M. (87) International Publication No :WO 2012/109127 2)PASTAIAN John (61) Patent of Addition to Application 3)MAC DONALD William M. :NA Number 4)VALENZUELA Reinaldo A. :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

In one embodiment the method of compressing a digital signal includes reducing (S500) redundancies in the digital signal scaling (S510) a block of samples output from the reducing step by a scaling factor and quantizing (S520) the scaled samples to produce compressed samples. The digital signal being compressed may be a digital radio frequency signal.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : PERPETUM	MOBILE	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02K53/00 :NA :NA :NA	(71)Name of Applicant : 1)KALLUDRA Mehdi Address of Applicant :Pirce 40000 Kosovska Mitrovica Serbia and Montenegro (72)Name of Inventor : 1)KALLUDRA Mehdi

(57) Abstract :

Until last century science has proven that the energy cannot be lost but only change the form from one form to another. This scientific theory was wrong for the energy Law. Based on a 12 years scientific search done by eight electrical energy experts led by engineer Mehdi Kalludra it is proven that the energy magnifies. This group has invented a machine that magnified the energy up to 20 times. This is a scientific revolution of the 21st century that will change the power plants throughout the world that have been working with a much lower coefficient (with major energy losses). This new power plant Perpetum Mobile works with a much higher coefficient =20 without any loss of energy.

No. of Pages : 24 No. of Claims : 2

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

(54) Title of the invention : USE OF THE PHYTOCANNABINOID CANNABIDIOL (CBD) IN COMBINATION WITH A STANDARD ANTI EPILEPTIC DRUG (SAED) IN THE TREATMENT OF EPILEPSY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (57) Abstract in 	:A61K31/05,A61K31/19,A61K31/4015 :1100043.7 :04/01/2011 :U.K. :PCT/GB2012/050002 :03/01/2012 :WO 2012/093255 :NA :NA :NA :NA	 (71)Name of Applicant : 1)GW PHARMA LIMITED Address of Applicant :Porton Down Science Park Salisbury Wiltshire SP4 0JQ U.K. 2)OTSUKA PHARMACEUTICAL CO. LIMITED (72)Name of Inventor : 1)WHALLEY Benjamin 2)WILLIAMS Claire 3)STEPHENS Gary
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(57) Abstract :

The invention relates to the use of cannabidiol (CBD) at a dose of greater than 300mg/day in combination with a standard anti epileptic drug (SAED) which acts via sodium or calcium channels for use in the treatment of epilepsy. The SAED is preferably one which modifies low threshold or transient neuronal calcium currents or reduces high frequency neuronal firing and sodium dependent action potentials and enhances GABA effects. Preferred SAEDs are ethosuximide and valproate.

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

(22) Date of filing of Application :07/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : DEVICE FOR PNEUMATICALLY CONVEYING POWDER AND METHOD FOR CLEANING SUCH A DEVICE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	n:B05B7/14,B65G53/40,B05B15/02 :102011004352.7 :18/02/2011 :Germany	 (71)Name of Applicant : 1)GEMA SWITZERLAND GMBH Address of Applicant :Mvenstrasse 17 CH 9015 St. Gallen Switzerland
 (86) International Application No Filing Date (87) International Publication 	:PCT/US2012/025199 :15/02/2012	(72)Name of Inventor :1)MICHAEL Hanspeter2)SANWALD Marco
No (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 device (110) for pneumatically conveying powder (42) the device having an injector (111) with a conveying gas connection (93) and a metering gas connection (94) as well as a powder intake channel (100) connected in terms of flow to the injector (111). To achieve the effect that the powder conveying device (110) can be effectively flushed through in the cleaning mode of said device it is provided according to the invention that a purging gas connection (91) which is connected or can be connected to a purging gas line (103) is provided between the negative pressure region of the injector (111) and the powder intake opening (36) of the powder intake channel (100) for the feeding as and when required of purging gas in particular compressed purging air. Furthermore a shut off element (92) is assigned to the purging gas connection (91) to prevent purging gas from being able to escape from the powder output opening (36) of the powder intake channel (100).

No. of Pages : 42 No. of Claims : 22

(21) Application No.3715/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/05/2013

(43) Publication Date : 26/09/2014

(51) International classification	:H05B33/08	(71)Name of Applicant :
(31) Priority Document No	:10192617.8	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:25/11/2010	Address of Applicant : High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:EPO	Eindhoven Netherlands
(86) International Application No	:PCT/IB2011/055099	(72)Name of Inventor :
Filing Date	:15/11/2011	1)SEMPEL Adrianus
(87) International Publication No	:WO 2012/069961	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : ILLUMINATION SYSTEM COMPRISING A PLURALITY OF LEDS

(57) Abstract :

An illumination system (100)comprises: an LED system (120) comprising two or more LED groups (21 22 23 24; 451 452) and current distribution means (140) wherein each LED group includes one or more individual LEDs the LED system (120) having two input terminals (121 122); a single controllable driver (130) for providing working power to the LED system (120) the driver having two output terminals (131 132) coupled to the two input terminals (121 122) of the LED system (120) respectively; a control device (2) for controlling the driver (130); wherein the control device (2) is designed for controlling the driver output voltage (Vi); and wherein the current distribution means are responsive to the input voltage (Vi) at the input terminals of the LED system for drawing current from the driver and distributing the current among the different LED groups in dependence on the input voltage level.

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

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : TRANSMISSION PRELOADING METHOD FOR MEASURING AND TESTING A TRANSMISSION IN PARTICULAR A DOUBLE CLUTCH TRANSMISSION WHICH HAS AT LEAST TWO SUB TRANSMISSIONS

 (51) International classification (31) Priority Document No (32) Priority Date (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 2011 108 013.2 :20/07/2011 :Germany	 (71)Name of Applicant : 1)THYSSENKRUPP SYSTEM ENGINEERING GMBH Address of Applicant :Weipertstr. 37 74076 Heilbronn Germany (72)Name of Inventor : 1)DEWITZ Ingo
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a method for testing a transmission in particular a double clutch transmission. A torque is introduced into the transmission by means of a drive unit that is external relative to the transmission and the transmission is switched to an operating state in which an internal component of the transmission functions as a brake in order to simulate an output unit.

No. of Pages : 50 No. of Claims : 15

(22) Date of filing of Application :19/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MULTI CONNECTED CONNECTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01R13/514,H01R13/518,H01R13/641 :2011-009133 :19/01/2011 :Japan :PCT/JP2012/051583 :19/01/2012 :WO 2012/099274 A1 to :NA :NA :NA	 (71)Name of Applicant : 1)YAZAKI CORPORATION Address of Applicant :4 28 Mita 1 chome Minato ku Tokyo 1088333 Japan (72)Name of Inventor : 1)OSADA Takeshi 2)HASEGAWA Takuya
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(57) Abstract :

A multi connected connector 1 includes a plurality of first connectors 110a 110b 110c and 110d and a second connector 20 having a plurality of connector fitting chambers 21a 21b 21c 21d arranged in a row in a transverse direction to fit the first connectors. The first connectors include a connector whose length is different from the other connector of the first connectors in a fitting direction of the first connectors. Butting walls 22a 22b 22c 22d as positioning parts that determine fitting completed positions of the first connectors respectively in the connector fitting chambers 21a 21b 21c 21d are arranged in accordance with lengths in the fitting direction of the first connectors to be connected so that rear end surfaces of the plurality of first connectors which are normally completely fitted are aligned so as to be flush.

No. of Pages : 31 No. of Claims : 1

(19) INDIA

(22) Date of filing of Application :07/08/2013

(54) Title of the invention : DIVERSE RADIO RECEIVER SYSTEM

(43) Publication Date : 26/09/2014

:H04B1/18,G01R33/32	(71)Name of Applicant :
:61/432610	1)KONINKLIJKE PHILIPS N.V.
:14/01/2011	Address of Applicant : High Tech Campus 5 NL 5656 AE
:U.S.A.	Eindhoven Netherlands
:PCT/IB2012/050010	(72)Name of Inventor :
:02/01/2012	1)HARRIS III Otis Robert
:WO 2012/095753	
•NT A	
INA	
:NA	
:NA	
	:H04B1/18,G01R33/32 :61/432610 :14/01/2011 :U.S.A. :PCT/IB2012/050010 :02/01/2012 :WO 2012/095753 :NA :NA :NA

(57) Abstract :

A diverse radio receiver system includes a radio frequency (RF) circuit board a plurality of RF receivers disposed on the RF circuit board and switching circuitry disposed on the RF circuit board. The switching circuitry includes transmission lines and switches connecting each RF receiver with (1) a selected one antenna of a plurality of antennas and (2) an impedance matching circuit providing impedance matching of the selected one antenna with the RF receiver. The switching circuitry is configured to implement a plurality of selectable switch configurations each switch configuration connecting each RF receiver of the plurality of RF receivers with a selected antenna of the plurality of antennas. The impedance matching circuits of the switching circuitry may comprise impedance matching transmission line stubs. The diverse radio receiver system may be configured to receive an RF signal transmitted by a wireless magnetic resonance (MR) receive coil.

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

(22) Date of filing of Application :23/12/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : DECOMPRESSION DEVICE FOR INTERNAL COMBUSTION ENGINE

(51) International classification	:F01L13/00	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)HONDA MOTOR CO., LTD.
(31) I nonty Document No	288864	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	:28/12/2012	MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)HORII, NOBUTAKA
Filing Date	:NA	2)KATSUTA, JUNPEI
(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 decompression device for an internal combustion engine for reducing contact noise between a cam follower and an exhaust cam or between an exhaust valve and a valve seat which is generated by reverse rotation of a crankshaft due to failure of a piston to exceed the compression top dead center when the internal combustion engine is stopped. [Constitution] A decompression device includes: an exhaust cam (33) having a circular arc-shaped base circle portion (33a) and a cam lobe portion (33b); a decompression weight (65); and a decompression cam (51). The decompression cam (51) is coupled to the decompression weight (65) to turn in the same direction as a normal rotation direction of the camshaft (31). The decompression cam (51) includes a protruding portion (54) that protrudes from the base circle portion (33a) and a notched retreat portion (55) that retreats with respect to the base circle portion (33a). The decompression cam (51) opens an exhaust valve (18) with the protruding portion (54) abutting on a cam follower (42c). The decompression cam (51) is continuously provided with a notch portion (56) toward a front of the retreat portion (55) in the normal rotation direction of the camshaft (31), the notch portion (56) being notched at a depth shallower than the retreat portion (55).

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

(19) INDIA

(22) Date of filing of Application :23/12/2013

(54) Title of the invention : PERMANENT MAGNET EMBEDDED TYPE ROTATING ELECTRICAL MACHINE (51) International classification :H01J (71)Name of Applicant : 1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI :2012-(31) Priority Document No Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI, 283093 (32) Priority Date :26/12/2012 AICHI-KEN Japan (72)Name of Inventor : (33) Name of priority country :Japan **1)TAKU ADANIYA** (86) International Application No :NA Filing Date :NA 2)SHUJI TAKIMOTO (87) International Publication No **3)SHOZO HAMANA** : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A permanent magnet embedded type rotating electrical machine includes a rotor and a stator. The rotor includes a rotor core formed by a plurality of stacked and laminated magnetic steel plates and permanent magnets. Each magnetic steel plate has a plurality of magnet holes, connecting portions and sectional areas. The sectional area is surrounded by lines extending between the opposite ends of the magnet hole and between a rotation center of the rotor and the respective ends of the magnet hole. The connecting portion is provided only inside of the sectional area and is a joining portion at which any two adjacent magnetic steel plates are joined or a fastening hole in which a fastening member is inserted. The connecting portions include both the joining portion and the fastening hole. The connecting portion provided in the sectional area is at least one of the joining portion and the fastening hole.

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

(22) Date of filing of Application :07/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : INTEGRATED ACCESS TO AND INTERATION WITH MULTIPLICITY OF CLINICA DATA ANALYTIC MODULES

(51) International classification	:G06F19/00	(71)Name of Applicant :
(31) Priority Document No	:61/430564	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:07/01/2011	Address of Applicant : High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/050041	(72)Name of Inventor :
Filing Date	:04/01/2012	1)JANEVSKI Angel
(87) International Publication No	:WO 2012/093363	2)KAMALAKARAN Sitharthan
(61) Patent of Addition to Application	:NA	3)REICHELT Christian
Number	:NA :NA	4)BANERJEE Nilanjana
Filing Date	.NA	5)VARADAN Vinay
(62) Divisional to Application Number	:NA	6)DIMITROVA Nevenka
Filing Date	:NA	

(57) Abstract :

A state machine (22) stores a current state (30) comprising a clinical context defined by available patient related information relating to a medical patient and identifies one or more available analytical tools of a set of analytical tools (24) that are applicable to the current state. A graphical user interface module (16) receives a user selection of an available analytical tool. The state machine loads patient related information (40) to the user selected available analytical tool (24) and invokes the user selected available analytical tool to operate on the loaded patient related information to generate additional patient related information relating to the medical patient and/or graphical patient related content relating to the medical patient. The state machine transitions from the current state (30) to a next state (30) and/or invokes the graphical user interface module to display the graphical patient related content.

No. of Pages : 35 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :07/08/2013

(54) Title of the invention · LIGHT SYSTEM AND METHOD

(43) Publication Date : 26/09/2014

(54) The of the invention . LIGHT 515		
(51) International classification	:H05B37/02,H05B33/08	(71)Name of Applicant :
(31) Priority Document No	:11150811.5	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:13/01/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:EPO	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/050059	(72)Name of Inventor :
Filing Date	:05/01/2012	1)BARROSO Andre Melon
(87) International Publication No	:WO 2012/095765	2)SOUDANT Robin Martijn
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
11	:NA	

(57) Abstract :

The present invention relates to a method (120) for providing light to a room the room comprising a wall the method (120) comprising arranging (122) in the room a light source having a light intensity control device providing (124) a model for light intensity simulating light conditions in a first period of a day and operating (126) the light intensity control device in accordance with the model so that light is provided to the room. Further the present invention relates to a system for providing illumination in a room the room comprising a wall the system comprising a light source including one or more individual light sources the light source including a light controlling device for controlling intensity and/or direction of light and/or color of light emitted a controller device configured to control the light controlling device in accordance with a simulation program simulating changes in daylight over a period of time.

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

(21) Application No.6392/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : INTRAOPERATIVE CAMERA CALIBRATION FOR ENDOSCOPIC SURGERY		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		 (71)Name of Applicant : (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)LIU Xin 2)LU Kongkuo 3)XU Sheng

(57) Abstract :

A surgical navigation system employs an endoscope (30) and an imaging unit (80). The endoscope (30) include an electromagnetic tracker (40) within a working channel of endoscope (30) for generating electromagnetic sensing signals indicative of one or more poses of the endoscope (30) within an anatomical region and an endoscopic camera (50) within an imaging channel of the endoscope (30) for generating endoscopic images of the anatomical region. The imaging unit (80) executes an intraoperative calibration of the electromagnetic tracker (40) and the endoscopic camera (50) as a function of an image registration between the preoperative scan image of a calibration site within the anatomical region and one or more endoscopic images of the calibration site within the anatomical region.

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

(19) INDIA

(22) Date of filing of Application :07/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : DETACHMENT TOOL FOR DECOUPLING A SHAPE SENSOR FROM AN IMPLANTABLE DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B17/00,A61B19/00 :61/432222 :13/01/2011 :U.S.A. :PCT/IB2012/050048 :05/01/2012 :WO 2012/095760 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)MANZKE Robert 2)GUTIERREZ Luis Felipe 3)CHAN Raymond
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(57) Abstract :

A deployment device (30) for interfacing an implantable device (20) with an anatomical structure (10) employs a sheath (31) a shape sensor (32) and a detachment tool (33). The sheath (31) includes a deployment section (31a) for deploying the implantable device (20) to an interface position relative to the anatomical structure (10) and an implantable section (31b) for coupling the deployment section (31a) to the implantable device (20). The shape sensor (32) guides the implantable device (20) to the interface position and includes a deployment segment (32a) extending partially or completely through the deployment section (31a) and an implantable segment (32b) attached to the deployment segment (32a) and extending partially or completely through the implantable section (31b) of the sheath (31). The detachment tool (33) is disposed relative to the implantable section (3 lb) and in operation the detachment tool (33) may be used to detach a portion or an entirety of the implantable segment (32b) from the deployment segment (32a).

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

(22) Date of filing of Application :07/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : LIGHTING 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 	:F21V19/00,F21K99/00,F21Y101/02 :11150537.6 :11/01/2011 :EPO :PCT/IB2012/050039 :04/01/2012 :WO 2012/095758 :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)BUKKEMS Peter Johannes Martinus 2)MARINUS Antonius Adrianus Maria 3)NIKOL Hans 4)VAN DER PADT Arie
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(57) Abstract :

There is provided a lighting device (100) in which at least one light source (121) is arranged to generate light. The lighting device comprises an electrically insulating heat sink element (111) onto which an electrically conducting layer (120) is arranged by means of a mechanical fastening means (130). The at least one light source is arranged in contact with the electrically conducting layer.

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

(22) Date of filing of Application :30/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PRIORITY BASED FLOW CONTROL IN A DISTRIBUTED FABRIC PROTOCOL (DFP) SWITCHING NETWORK ARCHITECTURE

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04L12/56 :13/107893 :14/05/2011 :U.S.A. :PCT/IB2012/051803 :12/04/2012 :WO 2012/156832 :NA :NA :NA :NA	 (71)Name of Applicant : 1)INTERNATIONAL BUSINESS MACHINES CORPORATION Address of Applicant :New Orchard Road Armonk NY 10504 U.S.A. 2)IBM UNITED KINGDOM LIMITED 3)IBM (CHINA) INVESTMENT COMPANY LIMITED (72)Name of Inventor : 1)KAMBLE Keshav Govind 2)PANDEY Vijoy 3)KAMATH Dayavanti Gopal 4)LEU Dar Ren 5)KIDAMBI Jayakrishna 6)MENDON Chandarani
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(57) Abstract :

A switching network includes an upper tier and a lower tier including a plurality of lower tier entities. A master switch in the upper tier which has a plurality of ports each coupled to a respective lower tier entity implements on each of the ports a plurality of virtual ports each corresponding to a respective one of a plurality of remote physical interfaces (RPIs) at the lower tier entity coupled to that port. Data traffic communicated between the master switch and RPIs is queued within virtual ports that correspond to the RPIs on lower tier entities with which the data traffic is communicated. The master switch enforces priority based flow control (PFC) on data traffic of a given virtual port by transmitting to a lower tier entity on which a corresponding RPI resides a PFC data frame specifying priorities for at least two different classes of data traffic communicated by the particular RPI.

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

(22) Date of filing of Application :07/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : APPARATUS AND METHODS FOR IMPINGING FLUIDS ON SUBSTRATES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	h:B32B37/00,B32B37/04,B32B5/24 :13/029155 :17/02/2011 :U.S.A. :PCT/US2012/025053 :14/02/2012	 (71)Name of Applicant : 1)3M INNOVATIVE PROPERTIES COMPANY Address of Applicant :3M Center Post Office Box 33427 Saint Paul MN 55133 3427 U.S.A. (72)Name of Inventor : 1)BIEGLER Kristopher K. 2)GORMAN Michael R.
(87) International Publication No	:WO 2012/112556	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Herein are disclosed apparatus and methods for impinging fluids e.g. heated fluids onto the surface of moving substrates and then locally removing the impinged fluid. The apparatus may comprise at least first and second fluid delivery outlets that are in diverging relation to each other. A long axis of the first fluid delivery outlet may be oriented obliquely to the path of the first moving substrate. The apparatus may comprise at least first and second fluid capture inlets that are locally positioned relative to the first and second fluid delivery outlets respectively.

No. of Pages : 47 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :07/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR THE HYDROXYLATION OF PHENOLS AND PHENOL ETHERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C07C37/60,C07C39/08 :1100485 :17/02/2011 :France :PCT/EP2012/052584 :15/02/2012 :WO 2012/110553	 (71)Name of Applicant : 1)RHODIA OPERATIONS Address of Applicant :40 rue de la Haie Coq F 93306 Aubervilliers France (72)Name of Inventor : 1)GAREL Laurent 2)BIGOURAUX Jean Christophe
(86) International Application No	:PCT/EP2012/052584	(72)Name of Inventor :
C		,
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)NORMAND Stphanie 4)PITIOT Pascal
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a method for the hydroxylation of phenols and phenol ethers by means of hydrogen peroxide. The invention specifically relates to a method for the hydroxylation of phenol by means of the hydrogen peroxide. The method of the invention for the hydroxylation of a phenol or phenol ether by means of reacting said phenol or phenol ether with the hydrogen peroxide in the presence of an acid catalyst is characterized in that it includes mixing a phenol or phenol ether with a hydrogen peroxide solution in a mixing device under conditions enabling the conversion rate of the hydrogen peroxide to be minimized and in that said reaction mixture is then placed in a piston flow reactor where the reaction leading to the production of the hydroxylated material takes place the acid catalyst being fed into the mixing device and/or into the piston flow reactor.

No. of Pages : 45 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :07/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PORTABLE ELECTRONIC DEVICE AND METHOD FOR PROTECTING PORTABLE ELECTRONIC DEVICE

(51) International classification	:H04M1/23,H04M1/02	(71)Name of Applicant :
(31) Priority Document No	:2011029802	1)NEC CASIO Mobile Communications Ltd.
(32) Priority Date	:15/02/2011	Address of Applicant :1753 Shimonumabe Nakahara ku
(33) Name of priority country	:Japan	Kawasaki shi Kanagawa 2118666 Japan
(86) International Application No	:PCT/JP2011/006241	(72)Name of Inventor :
Filing Date	:08/11/2011	1)OKANO Masato
(87) International Publication No	:WO 2012/111056	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a portable electronic device having excellent impact resistance without a loss in aesthetic quality. A portable electronic device (1) according to one embodiment of the present invention is equipped with: a case (2) in which a device (for example a speaker (5)) is built in; a cover member (6) that covers the device; protruding parts (25) formed on the case (2); and a protective member (7) that protects the cover member (6). The protective member (7) is formed protruding from the cover member (6) and with approximately the same height as the protruding part (25). The protruding parts (25) preferably are formed on the facing edges of the case (2) and the protective member (6) is formed between the protruding parts (25).

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:H04B7/08	(71)Name of Applicant :
(31) Priority Document No	:13/034,371	1)MOTOROLA MOBILITY LLC
(32) Priority Date	:24/02/2011	Address of Applicant :600 North Us Highway 45 Libertyville
(33) Name of priority country	:U.S.A.	IL 60048 U.S.A.
(86) International Application No	:PCT/US2012/023592	(72)Name of Inventor :
Filing Date	:02/02/2012	1)VALENTINE Matthew F.
(87) International Publication No	:WO 2012/115757 A1	2)SHEYA Steve L.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : DIVERSITY CONTROL IN A WIRELESS COMMUNICATIONS DEVICE

(57) Abstract :

A method and apparatus controls diversity reception in a wireless communication device. By determining (110) a value based on a number of active set pilot signals received from a set of base stations the wireless communication device dynamically enables or disables diversity reception. Diversity reception can be controlled by adjusting (140 150 160) a diversity threshold based on the determined value. A channel quality indicator of a channel is measured and compared (170) against the adjusted diversity threshold. The diversity reception mode is then enabled (190) or disabled (195) based on the comparison (180). For example if the number of active pilot signals is above a predetermined value indicating good coverage the diversity threshold is decreased. The measured channel quality indicator is compared against the adjusted threshold and diversity reception is enabled when the channel quality indicator is less than the decreased diversity threshold.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : POWER CONTROL AND USER MULTIPLEXING FOR HETEROGENEOUS NETWORK COORDINATED MULTIPOINT OPERATIONS

(51) International classification:H04B7/02,H04W52/10,H04W52/(31) Priority Document No (32) Priority Date:61/442,650(32) Priority Date:14/02/2011(33) Name of priority country:U.S.A.(86) International Filing Date:PCT/US2012/025087(87) International Publication No:WO 2012/112577 A1(61) Patent of Addition to Filing Date:NA(61) Patent of Addition to Filing Date:NA(62) Divisional to Filing Date:NAFiling Date:NAFiling Date: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)XU Hao 2)LUO Xiliang 3)ZHANG Xiaoxia 4)GAAL Peter 5)JI Tingfang 6)MONTOJO Juan
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(57) Abstract :

Certain aspects of the present disclosure relate to techniques for power control and user multiplexing for coordinated multi point (CoMP) transmission and reception in heterogeneous networks (HetNet).

No. of Pages : 78 No. of Claims : 80

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : AGROCHEMICAL FORMULATION COMPRISING ENCAPSULATED PESTICIDE

(57) Abstract :

The present invention relates to a aqueous composition containing a suspended pesticide A and microcapsules comprising a shell and a core wherein the core contains a pesticide B and an aprotic polar solvent B and the shell contains poly(meth)acrylate which comprises C C alkyl esters of acrylic and/or methacrylic acid acrylic acid methacrylic acid and/or maleic acid in polymerized form. The invention further relates to a method for preparing said composition comprising the mixing of the pesticide A water and the microcapsules to said microcapsule wherein the core contains the pesticide B and a solvent A wherein the weight ratio of the pesticide B to the sum of all solvents in the core is from 1 : 1 to 1 : 10 and wherein the microcapsule contains up to 7 wt% poly(meth)acrylate based on the total amount of all pesticides in the core all solvents in the core and the poly(meth)acrylate.

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

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

(43) Publication Date : 26/09/2014

VIRTUALIZATION ENVIRONMENT (51) International classification :G06F13/00 (71)Name of Applicant : **1)INTERNATIONAL BUSINESS MACHINES** (31) Priority Document No :13/034885 (32) Priority Date :25/02/2011 CORPORATION (33) Name of priority country Address of Applicant :New Orchard Road Armonk NY 10504 :U.S.A. (86) International Application No :PCT/IB2012/050345 U.S.A. Filing Date :25/01/2012 2)IBM UNITED KINGDOM LIMITED (87) International Publication No :WO 2012/114211 3)IBM (CHINA) INVESTMENT COMPANY LIMITED (61) Patent of Addition to Application (72)Name of Inventor : :NA Number 1)GLASS Lior :NA Filing Date 2)SHEHORY Onn Menahem (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : LOW LATENCY PRECEDENCE ORDERING IN A PCI EXPRESS MULTIPLE ROOT I/O

(57) Abstract :

An apparatus and method of low latency precedence ordering check in a PCI Express (PCIe) multiple root I/O virtualization (MR IOV) environment. The precedence ordering check mechanism aids in enabling a port to comply with PCIe MR IOV ordering rules. A posted information array mirrors a posted transaction queue storing precedence order indicator and Virtual Hierarchy (VH) tag information for corresponding posted transaction entries stored in the posted transaction queue. The selector queries the posted information array periodically such as each cycle to determine whether the non posted/completion transaction at the output of their respective queues have any preceding posted transactions of the same VH somewhere in the posted queue.

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

(12) PATENT APPLICATION PUBLICATION (21) Application No.6448/CHENP/2013 A (19) INDIA (22) Date of filing of Application :09/08/2013 (43) Publication Date : 26/09/2014 (54) Title of the invention : SYSTEMS AND METHODS FOR RULE DRIVEN MANAGEMENT OF SENSOR DATA ACROSS GEOGRAPHIC AREAS AND DERIVED ACTIONS (51) International classification :G06F21/00 (71)Name of Applicant : (31) Priority Document No 1)FEDEX CORPORATE SERVICES INC. :61/445260 (32) Priority Date Address of Applicant :30 Fedex Pkwy 1st Fl. Vertical :22/02/2011 (33) Name of priority country Collierville TN 38017 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/023789 (72)Name of Inventor : Filing Date 1)SKAAKSRUD Ole Petter :03/02/2012 (87) International Publication No :WO 2012/115764 2)AINSWORTH Miley (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present disclosure relates to an information gathering method. The information gathering method includes identifying a location of a package the location associated with one or more location based restrictions on collecting data. The information gathering method also includes restricting access to sensor collectable data associated with the package in accordance with the or more location based restrictions.

No. of Pages : 38 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :09/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:H04W4/00	(71)Name of Applicant :
(31) Priority Document No	:61/453028	1)HDmessaging Inc.
(32) Priority Date	:15/03/2011	Address of Applicant :1325 Howard Avenue #168 Burlingame
(33) Name of priority country	:U.S.A.	CA 94010 U.S.A.
(86) International Application No	:PCT/US2012/028950	(72)Name of Inventor :
Filing Date	:13/03/2012	1)LINNER Jonathon Chad
(87) International Publication No	:WO 2012/125653	2)VIROLAINEN Juho Pekka Ilmari
(61) Patent of Addition to Application	:NA	3)LAWSON Robert James John
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : LINKING CONTEXT BASED INFORMATION TO TEXT MESSAGES

(57) Abstract :

A system and a method are disclosed for adding linked content to text messages. Messages are analyzed to determine the context and meaning of a conversation between users and linked content relevant to the conversation is selected and associated with certain words or phrases in the messages. This process for enhancing text messages beneficially provides users with additional information related to the meaning of their conversation and also provides advertisers with a valuable new way of delivering highly relevant advertisements to a precise group of users.

No. of Pages : 50 No. of Claims : 22

(21) Application No.6450/CHENP/2013 A

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : WIRELESS CHIPSET WITH A NON TEMPERATURE COMPENSATED CRYSTAL REFERENCE

(57) Abstract :

An apparatus includes a temperature measuring device within a thermally conductive package. A crystal within the package is thermally coupled to the temperature measuring device and subjected to a same temperature as the temperature measuring device. A controller external to the package is configured to receive a signal from the crystal and a temperature measurement from the temperature measuring device. The controller is configured to estimate a frequency error of the crystal based on the temperature measurement and to provide a frequency error estimate to an external system.

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

(12) PATENT APPLICATION PUBLICATION (21) Application No.6451/CHENP/2013 A (19) INDIA (22) Date of filing of Application :12/08/2013 (43) Publication Date : 26/09/2014 (54) Title of the invention : DYNAMIC TEMPLATE TRACKING (51) International classification :G06T7/20,G06Q30/00,G06K9/46 (71)Name of Applicant : (31) Priority Document No :61/449500 **1)QUALCOMM INCORPORATED** (32) Priority Date :04/03/2011 Address of Applicant :Attn: International IP Administration (33) Name of priority country 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. :U.S.A. (86) International Application (72)Name of Inventor: :PCT/US2012/027426 **1)SWEET III Charles Wheeler** No :02/03/2012 Filing Date (87) International Publication :WO 2012/122008 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

Various arrangements for tracking a target within a series of images is presented. The target may be detected within a first image at least partially based on a correspondence between the target and a stored reference template. A tracking template may be created for tracking the target using the first image. The target may be located within a second image using the tracking template.

No. of Pages : 59 No. of Claims : 81

(19) INDIA

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A FUNCTIONAL ENVIROMICS METHOD FOR CELL CULTURE MEDIA ENGINEERING			
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12N1/00,C12N1/16 :105484 :14/01/2011 :Portugal :PCT/IB2012/050178 :13/01/2012 :WO 2012/095819 :NA :NA :NA :NA	 (71)Name of Applicant : 1)FACULDADE DE CIŠNCIAS E TECNOLOGIA DA UNIVERSIDADE NOVA DE LISBOA Address of Applicant :Campus da Caparica P 2829 516 Caparica Portugal (72)Name of Inventor : 1)FREITAS OLIVEIRA Rui Manuel 2)LOPES DIAS Jo£o Miguel 3)SANTOS FERREIRA Ana Raquel 	

(57) Abstract :

This invention refers to a new method for optimizing the composition of cell culture media. This new method comprises two main stages. In the first stage a functional environics map is built through the joint screening of cell functions and medium factors by the execution of a specific cell culture protocol and exometabolome assays protocol. The functional environics map consists of a data array of intensity values of elementary cellular functions against medium factors. In the second stage optimized cell culture medium formulations are developed that either enhance or repress target elementary cellular functions from columns of the functional environics map. The main advantage of this method lies in enabling metabolic engineering through the culture media composition manipulation wherein an arbitrarily high number of cell functions are optimized through manipulation of medium factors as opposed to previous methods which are eminently empirical are not cell function oriented and require a much higher number of experiments. Furthermore this new method is based on cost effective exometabolome assays and does not require costly intracellular genomic or proteomic assays.

No. of Pages : 53 No. of Claims : 24

(22) Date of filing of Application :06/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : VACUUM CLEANING DEVICE COMPRISING A UNIT WITH A MOVABLE SURFACE FOR GENERATING AN OSCILLATING AIRFLOW

(31) Priority Document No:11150276.1(32) Priority Date:06/01/2011(33) Name of priority country:EPO	 (71)Name of Applicant : (71)Name of Applicant : (1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : (72)Name of Inventor :
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(57) Abstract :

A vacuum cleaning device comprises a unit (1) for aerodynamically affecting dust particles and/or a surface (40) to be cleaned in order for the particles to become dislodged from the surface (40) and to be received by the unit (1). The unit (1) comprises a housing (10) having an internal space (11) enclosed by a housing wall (12) in which at least one opening (13) is arranged a movable surface (30) which is integrated in the housing wall (12) and means (31) for actuating the movable surface (30) which are adapted to realize an oscillating movement of the surface (30) that causes air to alternately be drawn into the housing (10) through the opening (13) and expelled from the housing (10) through the opening (13). At least a portion of the housing wall (12) particularly a portion of the housing wall (12) in which the opening (13) is located is movably arranged in the unit (1).

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

(19) INDIA

(22) Date of filing of Application :06/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:H04N7/24	(71)Name of Applicant :
(31) Priority Document No	:61/437193	1)EYE IO LLC
(32) Priority Date	:28/01/2011	Address of Applicant :165 University Avenue Suite #3 Palo
(33) Name of priority country	:U.S.A.	Alto California 94301 U.S.A.
(86) International Application No	:PCT/US2012/022710	(72)Name of Inventor :
Filing Date	:26/01/2012	1)GUERRERO Rodolfo Vargas
(87) International Publication No	:WO 2012/103326	
(61) Patent of Addition to Application		
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ADAPTIVE BIT RATE CONTROL BASED ON SCENES

(57) Abstract :

An encoder for encoding a video stream is described herein. The encoder receives an input video stream scene boundary information that indicates positions in the input video stream where scene transitions occur and target bit rate for each scene. The encoder divides the input video stream into a plurality of sections based on the scene boundary information. Each section comprises a plurality of temporally contiguous image frames. The encoder encodes each of the plurality of sections according to the target bit rate providing adaptive bit rate control based on scenes. If a video quality bar is met at a lower bit rate there is no need to encode the same section at a higher bit rate since the quality bar has already been met.

No. of Pages : 25 No. of Claims : 24

(21) Application No.6477/CHENP/2013 A

(19) INDIA(22) Date of filing of Application :12/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ELECTRONIC APPARATUS CONTROL SETTING METHOD AND PROGRAM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F3/041,G06F3/048 :2011033781 :18/02/2011 :Japan :PCT/JP2011/007054 :16/12/2011 :WO 2012/111060 :NA :NA :NA :NA	 (71)Name of Applicant : 1)NEC CASIO MOBILE COMMUNICATIONS LTD. Address of Applicant :1753 Shimonumabe Nakahara ku Kawasaki shi Kanagawa 2118666 Japan (72)Name of Inventor : 1)KURAMATSU Hiroyasu
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(57) Abstract :

This electronic apparatus is provided with: a contact position receiving means which receives contact position information by each of the first object and at least one second object different from the first object from a touch panel said contact position information indicating contact positions of the first object and at least the second object with respect to the touch panel; a change method setting means which calculates the moving directions of the first object and the second object respectively on the basis of the contact position information and which sets a method for changing display of the touch panel on the basis of the moving directions; and a change quantity setting means which recognizes the number of the second object(s) on the basis of the contact position information and which sets a change quantity of the display on the basis of the number.

No. of Pages : 53 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :12/08/2013

(54) Title of the invention : AN AUTOMATIC TAPPING MACHINE

(43) Publication Date : 26/09/2014

(51) International classification	:A01G23/10,A01G23/12	(71)Name of Applicant :
(31) Priority Document No	:PI 2011001055	1)MALAYSIAN RUBBER BOARD
(32) Priority Date	:08/03/2011	Address of Applicant :Bangunan Getah Asli (Menara) 148
(33) Name of priority country	:Malaysia	Jalan Ampang Kuala Lumpur 50450 Malaysia
(86) International Application No	:PCT/MY2012/000047	(72)Name of Inventor :
Filing Date	:08/03/2012	1)AHMAD Nazirah
(87) International Publication No	:WO 2012/121586	2)AB MALEK Kamarudin
(61) Patent of Addition to Application	:NA	3)MAAROF Mohamed Helmy
Number		4)ABDUL GHAFFAR Muhammad Akbar
Filing Date	:NA	5)LEE Jiang Jun
(62) Divisional to Application Number	:NA	6)KAMARUDDIN Shamsul
Filing Date	:NA	7)HARON Zulkifli

(57) Abstract :

The present invention relates to an automatic tapping machine for harvesting latex from Hevea trees the system includes: (a) an automatic tapping machine (100) wherein the tapping machine (100) includes: (i) a longitudinal slider (110) having a rail (112) on which a slanting slider (120) is slidably engaged therewith; (ii) a cutting tool (130) slidably engaged with a rail (122) of the slanting slider (120); (iii) a rotating blade tool (132) provided at the cutting tool (130); (iv) clamp means (140) equipped at both ends of the longitudinal slider (110); (v) a controller unit (150) to control activities of the tapping machine such as bark excision and machine movements; and (b) a power source (200) for supplying power to operate the tapping machine (100).

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

(19) INDIA

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ROTARY DAMPER (51) International classification :F16F9/14,B60N2/20,F16K15/00 (71)Name of Applicant : (31) Priority Document No :2011079714 **1)OILES CORPORATION** Address of Applicant :6 34 Kounan 1 chome Minato ku Tokvo (32) Priority Date :31/03/2011 (33) Name of priority country :Japan 1080075 Japan (86) International Application (72)Name of Inventor : :PCT/JP2011/076538 1)OKIMURA Akihiko No :17/11/2011 Filing Date 2)HORITA Naohiro (87) International Publication No: WO 2012/132097 (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 reduce the possibility of damage to a rotary damper when greater than expected rotary force is applied a rotary damper has: a case (11) equipped with a cylindrical chamber (111); a rotor (12) housed within the cylindrical chamber (111); a viscous fluid (13) filling the cylindrical chamber (111); check valves (15); and adjustment valves (16). Protruding bulkheads (115a 115b) are formed within the cylindrical chamber (111). The rotor (12) has a rotor main body (121) and vanes (124a 124b). The check valve (15) closes with respect to normal rotation of the rotor (12) restricting the movement of the viscous fluid (13) between the regions (111a 111d) which are delimited by the bulkheads (115a 115b) and the vanes (124a 124b) and opens with respect to reverse rotation of the rotor (12) allowing the viscous fluid (13) to move between the regions (111a 111d). The adjustment valves (16) open when the rotary force that is applied so as to rotate the rotor (12) in the normal direction meets or exceeds a prescribed value thus eliminating the restriction on the movement of the viscous fluid (13) between the regions (111a 111d).

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

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ARIADNE WALL TAPING FOR BRONCHOSCOPIC PATH PLANNING AND GUIDANCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority 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/IB2012/050159 :12/01/2012 :WO 2012/095809 :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands 2)PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH (72)Name of Inventor : 1)WIEMKER Rafael 2)KLINDER Tobias 3)BERGTHOLDT Martin
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method system and program product are provided for planning an intervention procedure in a body lumen. A CT scan of the body lumen is performed. A virtual rendering is created of the inside of the body lumen corresponding to an interventional camera image. Then a virtual tape corresponding to a planned path for the intervention procedure is projected onto a wall of the body lumen. The virtual tape is projected onto the lumen wall which is relatively distant from the camera point on the virtual rendering so the tape does not appear to oscillate like a central thread. Also since the virtual tape is located on the lumen wall it does not occlude the center of the lumen allowing a user to better visualize the lumen during planning during fly through and even during an actual intervention.

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

(19) INDIA(22) Date of filing of Application :12/08/2013

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:A61B6/04,H05B37/02 :11152159.7 :26/01/2011 :EPO	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands
 (85) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:PCT/IB2012/050324 :24/01/2012 :WO 2012/101577	(72)Name of Inventor : 1)TAVANTI Monica 2)ZHANG Yi
 (61) Patent of Addition to Application Number Filing Date 	:NA :NA	3)CHEN Njin Zu 4)ELEVELT Aaldert Jan 5)VAN ASBECK METSELAAR Annemarie Christin
(62) Divisional to Application Number Filing Date	:NA :NA	Yvonne

(54) Title of the invention : A CLINICAL AMBIENT CONTROL SYSTEM

(57) Abstract :

The invention relates to a system (100) for automating adjustment or adaptation of devices (141 143) such as light computer programs and positioning of devices used during patient examination. The patient examination is performed by use of a scanner system where the patient is lying on a bed (102) which can be moved into a scanner zone of the scanner where the scanning can be performed and away from the scanner zone. The automated control is achieved by detecting the position of the bed and using the detected position for adjusting or adapting the state i.e. the function or working of one or more devices (141 143).

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

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR PERFORMING HEATER LESS LEAD SELENIDE BASED CAPNOMETRY AND/OR CAPNOGRAPHY

(51) International classification	:A61B5/08	(71)Name of Applicant :
(31) Priority Document No	:61/435912	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:25/01/2011	Address of Applicant : High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/050277	(72)Name of Inventor :
Filing Date	:20/01/2012	1)GERETY Eugene Peter
(87) International Publication No	:WO 2012/101556	2)GLABERSON John
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		L

(57) Abstract :

A sensor device is configured to detect a level of carbon dioxide in a body of gas. The sensor device employs one or more lead selenide (PbSe) detectors as infrared sensing elements and operates without the temperature regulation required by conventional PbSe based sensors. Instead measurements of detector device are compensated for a temperature measured by a relatively inexpensive thermal sensor. This may reduce the cost enhance stability enhance ruggedness enhance manufacture and/or provide other advantages over conventional detectors.

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

(22) Date of filing of Application :30/07/2013

(43) Publication Date : 26/09/2014

QUESTION ANSWERING SYSTEM (51) International classification :G06F19/00 (71)Name of Applicant : **1)INTERNATIONAL BUSINESS MACHINES** (31) Priority Document No :61/450273 (32) Priority Date :08/03/2011 CORPORATION (33) Name of priority country Address of Applicant :New Orchard Road Armonk NY 10504 :U.S.A. (86) International Application No :PCT/US2012/027942 U.S.A. Filing Date :07/03/2012 (72)Name of Inventor : (87) International Publication No :WO 2012/122198 **1)BAGCHI Sugato** (61) Patent of Addition to Application 2)FERRUCCI David A. :NA Number 3) LEVAS Anthony T. :NA Filing Date 4)MUELLER Erik T. (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : A DECISION SUPPORT APPLICATION AND SYSTEM FOR PROBLEM SOLVING USING A

(57) Abstract :

A decision support system for problem solving comprises software modules embodied on a computer readable medium and the software modules comprise an input/output module and a question answering module. The method receives problem case information using the input/output module generates a query based on the problem case information and generates a plurality of answers for the query using the question answering module. The method also calculates numerical values for multiple evidence dimensions from evidence sources for each of the answers using the question answering module and calculates a corresponding confidence value for each of the answers based on the numerical value of each evidence dimension using the question answering module. Further the method outputs the answers the corresponding confidence values and the numerical values of each evidence dimension for one or more selected answers using the input/output module.

No. of Pages : 48 No. of Claims : 23

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:H04N7/36,H04N7/46	(71)Name of Applicant :
(31) Priority Document No	:61/430694	1)NOKIA CORPORATION
(32) Priority Date	:07/01/2011	Address of Applicant :Keilalahdentie 4 FIN 02150 Espoo
(33) Name of priority country	:U.S.A.	Finland
(86) International Application No	:PCT/IB2012/050089	(72)Name of Inventor :
Filing Date	:06/01/2012	1)UGUR Kemal
(87) International Publication No	:WO 2012/093377	2)LAINEMA Jani
(61) Patent of Addition to Application	:NA	3)HALLAPURO Antti Olli
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : MOTION PREDICTION IN VIDEO CODING

(57) Abstract :

There is disclosed apparatuses methods and computer programs for utilizing motion prediction in video coding. A block of pixels of a video representation encoded in a bitstream is read and a type of the block is determined. If the determining indicates that the block is a block predicted by using two or more reference blocks a first reference pixel location in a first reference block is determined and a second reference pixel location in a second reference block is determined. The first reference pixel location is used to obtain a first prediction. Said first prediction has a second precision which is higher than the first precision. The second reference pixel location are combined to obtain a combined prediction; and the precision of the combined prediction is reduced to the first precision.

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

(19) INDIA

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MULTI FUNCTIONAL HEAT SINK FOR LIGHTING PRODUCTS (51) International classification :F21V29/00,F21K99/00 (71)Name of Applicant : (31) Priority Document No 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. :11151539.1 (32) Priority Date Address of Applicant : High Tech Campus 5 NL 5656 AE :20/01/2011 (33) Name of priority country Eindhoven Netherlands :EPO (86) International Application No (72)Name of Inventor : :PCT/IB2012/050075 1)VAN DE MOESDIJK Remco Yuri Filing Date :06/01/2012 (87) International Publication No :WO 2012/098476 2)VAN DEN BOSCH Marcus Joannes (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

This invention relates to a lighting device having a light source (102 103) a light output unit a drive unit (106a) arranged to drive the light source an electrical connection unit connected with the drive unit and arranged to receive input power and a heat sink (112) which has been provided with multiple reception portions (115 116). At least the light source and the drive unit are mounted at a first respectively a second reception portion of the heat sink. The heat sink is a formed sheet structure which has been formed into a predetermined shape from a sheet shaped heat sink blank.

No. of Pages : 16 No. of Claims : 11

(21) Application No.6491/CHENP/2013 A

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : LED PACKAGE COMPRISING ENCAPSULATION

 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:PCT/IB2011/056005 :29/12/2011	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)BIERHUIZEN Serge Joel Armand
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	NA NA	

(57) Abstract :

Light emitting elements (110) are situated on a film (210) then surrounded by a reflective structure (250) that is placed or formed on the film (210). Thereafter the reflective structure (250) is filled with an encapsulant (270) affixing the light emitting element (110) within the reflective structure (250). The film (210) may then be removed exposing the contacts (230) for coupling the light emitting element (110) to an external power source. The encapsulated light emitting elements (110) within the reflective structure (250) are diced/singulated to provide the individual light emitting devices. The encapsulant (270) may be molded or otherwise shaped to provide a desired optical function.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : GASTRIN PRODUCTION INHIBITOR AND FOOD COMPOSITION COMPRISING SAME

 (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	A61K35/74,A23C9/13,A23L1/30 2011012815 25/01/2011 Japan PCT/JP2012/051468 24/01/2012 WO 2012/102277 NA NA NA	 (71)Name of Applicant : 1)Meiji Co. Ltd. Address of Applicant :2 10 Shinsuna 1 chome Koto ku Tokyo 1368908 Japan (72)Name of Inventor : 1)KOGA Yasuhiro 2)ASAMI Yukio
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(57) Abstract :

Helicobacter pyloriLactobacillus LactobacillusLactobacillus gasseriLactobacillus gasseriThe purpose of the present invention is to provide a novel drug or food which can prevent or ameliorate a series of symptoms caused by gastric hyperacidity such as sour stomach and stomachache reflux esophagitis esophageal cancer and so on without resorting to the anti effect of a lactic acid bacterium. The present invention relates to a gastrin production inhibitor which comprises dead cells of a bacterium belonging to the genus and a food composition comprising the same. In particular the present invention relates to a gastrin production inhibitor wherein said bacterium belonging to the genus is (more particularly OLL2716).

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

(22) Date of filing of Application :06/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : DISCOVERY REFERENCE SIGNAL DESIGN FOR COORDINATED MULTIPOINT OPERATIONS IN HETEROGENEOUS NETWORKS

 classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:04B7/02,H04W32/30,H04W32/40 :61/445420 :22/02/2011 :U.S.A. :PCT/US2012/026056 :22/02/2012	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor : 1)XU Hao 2)LUO Xiliang 3)GAAL Peter 4)JI Tingfang 5)BHATTAD Kapil
Filing Date		

(57) Abstract :

Certain aspects of the present disclosure relate to techniques that may be used to discover transmission points in heterogeneous networks (HetNet) that involves coordinated multi point (CoMP) transmission and reception.

No. of Pages : 53 No. of Claims : 54

(22) Date of filing of Application :06/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : STEEL SHEET HOT DIP COATED WITH ZN AL MG BASED SYSTEM AND PROCESS OF MANUFACTURING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	n:C22C38/14,C22C38/38,C21D8/02 :2011043334 :28/02/2011 :Japan :PCT/JP2012/054926 :28/02/2012	 (71)Name of Applicant : 1)NISSHIN STEEL CO.LTD. Address of Applicant :4 1 Marunouchi 3 chome Chiyoda ku Tokyo 1008366 Japan (72)Name of Inventor : 1)HIRATA Kentaro
Filing Date (87) International Publication No	:WO 2012/118073	2)KATAGIRI Yukio 3)FUJIWARA Susumu 4)HOSOMI Kazuaki
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)URANAKA Masaaki
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a steel sheet hot dip coated with a Zn Al Mg based system for welded structural members which can be used as a steel material suitable for an arc welded structural member and which is significantly improved in all of burring workability molten metal embrittlement cracking resistance and corrosion resistance at welded parts. This steel sheet hot dip coated with a Zn Al Mg based system for welded structural members has a Zn Al Mg based hot dip coating layer on the surface of a base steel sheet wherein the base steel sheet has a specified chemical composition and has such a metallic structure that Ti containing precipitates having an average particle diameter of 20 nm or smaller are dispersed in a matrix composed of a ferrite phase and the relationship between the contents of steel components and the thickness (t) (mm) in the base steel material is such a relationship that a molten metal embrittlement cracking sensitivity index (H3 value) represented by formula (3) is 2.90 or less. H3 value = C/0.2+Si/5.0+Mn/1.3+Cr/1.0+Mo/1.2+0.4t 0.7(Cr+Mo) [(3)

No. of Pages : 58 No. of Claims : 10

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : DRIVER DEVICE AND DRIVING METHOD FOR DRIVING A LOAD IN PARTICULAR AN LED UNIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H05B33/08 :11151137.4 :17/01/2011 :EPO :PCT/IB2012/050173 :13/01/2012	STANDARDS GMBH
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2012/098486 :NA :NA :NA :NA	 (72)Name of Inventor : 1)HATTRUP Christian 2)SAUERL,,NDER Georg 3)DEPPE Carsten

(57) Abstract :

The present invention relates to a driver device (40; 50; 60) and a corresponding driving method for driving a load (12) in particular an LED unit (12) including one or more LEDs said driver device comprising a power input unit (14) for receiving an input voltage (V10) from an external power supply (18) and for providing a rectified supply voltage (V12) a controllable resistor (48) for providing a load current (I L) to power the load (12) a frequency filter (42) connected to the power input unit (14) for providing a voltage (V18) to the load (12) wherein the frequency filter (42) is partially coupled in parallel to the load (12) and connected to the controllable resistor (48) to provide a substantially constant electrical power to the load (12).

No. of Pages : 23 No. of Claims : 15

(21) Application No.6497/CHENP/2013 A

(19) INDIA(22) Date of filing of Application :12/08/2013

08/2013 (43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR NEEDLE DEPLOYMENT DETECTION IN IMAGE GUIDED BIOPSY

(51) International classification	:A61B10/02,A61B8/08	(71)Name of Applicant :
(31) Priority Document No	:61/433284	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:17/01/2011	Address of Applicant : High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/050158	(72)Name of Inventor :
Filing Date	:12/01/2012	1)KRUECKER Jochen
(87) International Publication No	:WO 2012/098483	2)YAN Pingkun
(61) Patent of Addition to Application	. N. A	3)AYVACI Alper
Number	:NA	
Filing Date	:NA	
8	. N.T. A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract :

A system and method for medical device detection includes a guidance system(38) configured to deliver a surgical device (32) into a subject. A surgical device deployment detector (25 40 42 44) is configured to cooperate with the guidance system and is configured to detect a deployment of the surgical device in the subject. A coordination module(22) is configured to receive input from the guidance system and the deployment detector to determine and record one or more of a location and time of each deployment.

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

(22) Date of filing of Application :07/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : OFFERING SOCIAL DEALS BASED ON ACTIVITIES OF CONNECTIONS IN A SOCIAL NETWORKING SYSTEM

(51) International classification	:G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:61/452577	1)FACEBOOK INC.
(32) Priority Date	:14/03/2011	Address of Applicant :1601 Willow Road Menlo Park CA
(33) Name of priority country	:U.S.A.	94025 U.S.A.
(86) International Application No	:PCT/US2012/028349	(72)Name of Inventor :
Filing Date	:08/03/2012	1)HU Bo
(87) International Publication No	:WO 2012/125426	2)WINTERS Kelly
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
11		
Filing Date	:NA	

(57) Abstract :

Social networking systems allow deal providers to provide social deals that require participation by users connected via the social networking system for activation. A social deal is activated for a user based on actions performed by other users connected to the user. The actions performed by a participant of the social deal include actions related to the social deal as well as actions related to objects associated with the social deal for example purchasing an item associated checking in to a location associated with the social deal or recommending the social deal. The social networking system may suggest potential participants in the social deal for a user. The deal may be activated by performing actions of one or more type. A threshold number of actions of each type may be required for activating the deal.

No. of Pages : 38 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :07/08/2013

(54) Title of the invention : CLAMPING ASSEMBLY			
 (54) Title of the invention : CLAMPING (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 		 (71)Name of Applicant : 1)GRIPPLE LIMITED Address of Applicant :The Old West Gun Works Savile Street East Sheffield South Yorkshire S4 7UQ U.K. (72)Name of Inventor : 1)SOMERFIELD Alan 2)GIEMZA Lee Mark	
Number Filing Date	:NA		
(62) Divisional to Application Number Filing Date	:NA :NA		

(57) Abstract :

A clamping assembly (110) comprises a body (112) defining a path (122) to receive an elongate article (124) lengthwise therethrough. A clamping arrangement (138) is provided in the body. The clamping arrangement is arrangeable in a clamping condition to clamp the elongate article. The clamping assembly (110) further includes a release arrangement (114) on the body (112). The release arrangement (114) is moveable in a direction transverse to the path (122) to release the clamping arrangement (138) from the clamping condition.

No. of Pages : 58 No. of Claims : 37

(21) Application No.6389/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:G06T11/00	(71)Name of Applicant :
(31) Priority Document No	:11150468.4	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:10/01/2011	Address of Applicant : High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:EPO	Eindhoven Netherlands
(86) International Application No	:PCT/IB2011/056004	2)PHILIPS INTELLECTUAL PROPERTY AND
Filing Date	:29/12/2011	STANDARDS GMBH
(87) International Publication No	:WO 2012/095713	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)ROESSL Ewald
Number	:NA	2)KOEHLER Thomas
Filing Date	.NA	3)THRAN Axel
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alexture et :		•

(54) Title of the invention : DUAL ENERGY TOMOGRAPHIC IMAGING SYSTEM

(57) Abstract :

The invention relates to an imaging system (30) for imaging an object. A projection data providing unit (31) provides acquired spectral projection data of an object comprising at least two components and a reconstruction unit (10) iteratively reconstructs at least two final component images of the object by performing several iteration steps in which at least two intermediate component images are updated based on the acquired spectral projection data and a penalty term which is indicative of the correlated noise between the at least two intermediate component images. Since the at least two intermediate component images are updated based on the acquired spectral projection data and a penalty term which is indicative of the correlated noise is penalized during the iterative reconstruction. The finally resulting component images of the object are therefore less corrupted by correlated noise and have an improved image quality.

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

(19) INDIA

(22) Date of filing of Application :13/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : COMMUNICA	ATION 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 	:H04W8/02 :1102389.2 :10/02/2011 :U.K. :PCT/JP2012/053204 :07/02/2012 :WO 2012/108544	 (71)Name of Applicant : 1)NEC CASIO MOBILE COMMUNICATIONS LTD. Address of Applicant :1753 Shimonumabe Nakahara Ku Kawasaki Shi Kanagawa 211 8666 Japan (72)Name of Inventor : 1)IANEV Iskren 2)LAIR Yannick
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2012/108344 :NA :NA :NA :NA	2)LAIK Yannick

(57) Abstract :

A communication system for supporting machine type communication within a cellular communication network is described in which a communication device is allocated a permanent offline area in which the communcation device is expected to be located whilst not attached for communcation within the network. The communication device identifies a cell in which the communcation device is currently located and determines whether or not the cell forms part of the permanent offline area or a temporary offline area that comprises a previously visited cell that is not part of the permanent offline area. If these areas do not comprise the cell in which the communication device is currently located the communication device attaches to the network and communicates information identifying the cell in which the communication device is currently located to the network.

No. of Pages : 41 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :07/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PERSONALIZED HEALING SOUNDS DATABASE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61M21/00,G06F17/30 :11150360.3 :07/01/2011 :EPO :PCT/IB2011/055848 :21/12/2011 :WO 2012/093305 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)VAN SCHIJNDEL Nicolle Hanneke 2)KOHLRAUSCH Armin Gerhard 3)DE BRUIJN Werner Paulus Josephus 4)DECR‰ Michel Marcel Jose 5)FALCK Thomas 6)BARROSO Andre Melon
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(57) Abstract :

The invention relates to the field of music therapy. In particular the invention is related to a method for producing a personalized database of sounds and music tracks by filtering and combining personal and hospital databases of sounds which induces variations of the physiological state of a listener.

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

(19) INDIA

(22) Date of filing of Application :13/08/2013

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10 2011 008 970.5 :20/01/2011 :Germany :PCT/EP2012/050263 :09/01/2012 :WO 2012/098032 :NA :NA	 (71)Name of Applicant : 1)OERLIKON TEXTILE GMBH & CO. KG Address of Applicant :Leverkuser Strasse 65 42897 Remscheid Germany (72)Name of Inventor : 1)MATTHIES Claus 2)HUBERT Christian 3)WESTPHAL Jan 4)LENNEMANN Friedrich
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(54) Title of the invention : APPARATUS FOR CONTINUOUSLY WINDING UP A THREAD

(57) Abstract :

The invention relates to an apparatus for continuously winding up a thread comprising two winding spindles (3.1 3.2) which are held in a projecting manner on a rotary table (2). The winding spindles are assigned spindle drives (4.1 4.2) to allow the thread to be alternately wound to form a bobbin. To this end the winding spindles are assigned a pressure roller and an oscillating apparatus. In order to make a continuous winding operation possible the rotary table can be activated by means of a rotary table drive (5) in order to exchange the winding spindles between a winding region and a changing region. A moveable changing device (10) is provided for transferring the thread between the winding spindles and during the exchange of the winding spindles guides the thread between the winding spindles for transferring to a catching device on one of the winding spindles. The changing device (11.1 11.2) has at least one deflecting thread guide (14) and a movable feeding thread guide (15) which can be positioned in a deflecting position the thread being guided at a distance from the winding spindle which receives the thread. According to the invention in order to transfer the thread in a quick and stress free manner without contacting the winding spindle the deflecting thread guide is formed as a guide plate (16) with a sliding edge (17) which has at least one deflecting section (17.1) and one feeding section (17.2) which is transverse with respect thereto and the feeding section of the sliding edge forms a catching plane (30) with the catching device of the winding spindle which receives the thread.

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

(19) INDIA

(22) Date of filing of Application :13/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:D01D5/092	(71)Name of Applicant :
(31) Priority Document No	:10 2011 009 160.2	1)OERLIKON TEXTILE GMBH & CO. KG
(32) Priority Date	:22/01/2011	Address of Applicant : Leverkuser Strasse 65 42897
(33) Name of priority country	:Germany	Remscheid Germany
(86) International Application No	:PCT/EP2011/053007	(72)Name of Inventor :
Filing Date	:01/03/2011	1)REICHWEIN Markus
(87) International Publication No	:WO 2012/097880	2)–GRNC Kazim
(61) Patent of Addition to Application	:NA	3)NITSCHKE Roland
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : DEVICE FOR COOLING DOWN A PLURALITY OF SYNTHETIC THREADS

(57) Abstract :

The invention relates to a device for cooling down a plurality of synthetic threads comprising a blowing box which has a plurality of cooling cylinders arranged next to each other said cooling cylinders being arranged next to each other inside the blowing box and each forming an upper thread inlet opening and a lower thread outlet opening. In order to be able to cool down a plurality of threads in one of the cooling cylinders the respective cooling cylinder has a plurality of gas impermeable separating webs on the gas permeable cylinder wall of said cooling cylinder the separating webs extending between the thread openings and being formed at an offset from each other on the circumference of the cooling cylinder. Thus separation zones in which a reduced cooling air flow acts and which promote the division of the threads can be formed inside the cooling cylinder.

No. of Pages : 30 No. of Claims : 13

(22) Date of filing of Application :13/08/2013

(54) Title of the invention : DENDRITIC POLYETHER POLYURETHANE THICKENERS

(51) International classification	:C08G18/08,C08G18/10,C08G18/28	(71)Name of Applicant : 1)BASF SE
	:11151568.0	Address of Applicant :67056 Ludwigshafen Germany
(32) Priority Date	:20/01/2011	(72)Name of Inventor :
(33) Name of priority country	/:EPO	1)TRK Holger
 (86) International Application No Filing Date (87) International Publication 	:PCT/EP2012/050750 :19/01/2012	2)WENDEL Volker 3)CRISTADORO Anna 4)STADLER Daniel 5)BUCHMANN Markus
No	:WO 2012/0981/6	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

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(57) Abstract :

The invention relates to associative polyether polyurethane thickeners into which dendritic polyether polyols are polymerized to the production of said thickeners and to the use of said thickeners in particular in cosmetic preparations.

No. of Pages : 48 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :15/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR MANUFACTURING PARTIALLY CARBONIZED COAL BRIQUETTES APPARATUS FOR MANUFACTURING PARTIALLY CARBONIZED COAL BRIQUETTES AND APPARATUS FOR MANUFACTURING MOLTEN IRON

(51) International classification	:C10B57/04	(71)Name of Applicant :
(31) Priority Document No	:1020100131803	1)POSCO
(32) Priority Date	:21/12/2010	Address of Applicant :1 Goedong dong Nam ku Pohang shi
(33) Name of priority country	:Republic of Korea	Kyungsangbuk do 790 300 Republic of Korea
(86) International Application No	:PCT/KR2011/009653	(72)Name of Inventor :
Filing Date	:15/12/2011	1)LEE Sung Su
(87) International Publication No	:WO 2012/086961	2)HEO Nam Hwan
(61) Patent of Addition to Application	:NA	3)LEE Hoo Geun
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided are an apparatus and method for manufacturing molten iron. According to the present invention the apparatus for manufacturing molten iron comprises: a multistage fluidized bed furnace for reducing iron ore powders to obtain reduced iron powders; a high temperature compacting unit for compressing the reduced iron powders to prepare a high temperature compacted iron; at least one crusher for crushing the high temperature compacted iron to have uniform particle size; a first conveying unit for conveying the crushed high temperature compacted iron; and a melting furnace for melting the conveyed high temperature compacted iron by combusting fine iron ores or lump coals and for supplying a reduction gas produced in the furnace to the fluidized reduction furnace. The apparatus further comprises at least one compacted iron storing unit for storing some of the crushed high temperature compacted iron. According to the present invention molten iron can be stably and effectively manufactured.

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

(22) Date of filing of Application :15/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD OF REMOVING THE SPATIAL RESPONSE SIGNATURE OF A TWO DIMENSIONAL COMPUTED RADIOGRAPHY DETECTOR FROM A COMPUTED RADIOGRAPHY IMAGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 		 (71)Name of Applicant : 1)AGFA HEALTHCARE Address of Applicant :IP Department 3622 Septestraat 27 B 2640 Mortsel Belgium (72)Name of Inventor : 1)CRESENS Marc
(80) International Application No(87) International Publication No(61) Patent of Addition to Application	:17/01/2012 :WO 2012/098088 A1 :NA	1)CRESENS Marc 2)VAN GOUBERGEN Herman
Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

Method of removing the spatial response signature of a detector from a computed radiography image by adaptively filtering and spatially warping the characteristic response signature of the detector prior to demodulation.

No. of Pages : 17 No. of Claims : 18

(22) Date of filing of Application :13/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : TREATMENT OF BONE MARROW EDEMA (OEDEMA) WITH POLYSULFATED POLYSACCHARIDES

(33) Name of priority (7	 1)PARADIGM HEALTH SCIENCES PTY LTD Address of Applicant :69 Lauderdale Avenue Fairlight New South Wales 2094 Australia (72)Name of Inventor : 1)GHOSH Peter
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(57) Abstract :

A method for the treatment of bone marrow edema in a mammal comprising administering an effective amount of a polysulfated polysaccharide including salts thereof to a mammal in need of such treatment.

No. of Pages : 28 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :14/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR IMAGE TO TEXT AND TEXT TO IMAGE ASSOCIATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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 :61/439021 :03/02/2011 :U.S.A. :PCT/IL2011/000287 :31/03/2011 :WO 2012/104830 :NA :NA :NA :NA	 (71)Name of Applicant : 1)FACEBOOK INC. Address of Applicant :1601 Willow Road Menlo Park CA 94025 U.S.A. (72)Name of Inventor : 1)TAIGMAN Yaniv 2)HIRSCH Gil 3)SHOCHAT Eden
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(57) Abstract :

A computerized system for classifying facial images of persons including a computerized facial image attribute wise

evaluator assigning values representing a facial image to plural ones of discrete facial attributes of the facial image the values being represented by adjectives and a computerized classifier which classifies the facial image in accordance with the plural ones of the discrete facial attributes.

No. of Pages : 51 No. of Claims : 57

(21) Application No.6544/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:C21B9/00	(71)Name of Applicant :
(31) Priority Document No	:13/031941	1)LINDE AKTIENGESELLSCHAFT
(32) Priority Date	:22/02/2011	Address of Applicant :Klosterhoftstr. 1 80331 Munich
(33) Name of priority country	:U.S.A.	Germany
(86) International Application No	:PCT/US2012/022293	(72)Name of Inventor :
Filing Date	:24/01/2012	1)CAMERON Andrew M.
(87) International Publication No	:WO 2012/115739	2)RICHARDSON Andrew P.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		l

(54) Title of the invention : METHOD FOR HEATING A BLAST FURNACE STOVE

(57) Abstract :

A method for heating a blast furnace stove by combusting in a stable visible flame a fuel with a lower heating value (LHV) of 9 MJ/Nm3 or less in a combustion region arranged in a combustion chamber in the stove and causing the combustion gases to flow through and thereby heat refractory material in the stove wherein the fuel is combusted with an oxidant comprising at least 85% oxygen and combustion gases are caused to be recirculated into the combustion zone and thereby dilute the mixture of fuel and oxidant therein sufficiently for the flame not to damage the refactory material.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA

(22) Date of filing of Application :14/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ORGANIC COMPOUNDS (51) International classification :A61K8/34,A61K8/42,A61K8/49 (71)Name of Applicant : (31) Priority Document No **1)GIVAUDAN SA** :1103103.6 (32) Priority Date :23/02/2011 Address of Applicant : Chemin de la Parfumerie 5 CH 1214 Vernier Switzerland (33) Name of priority country :U.K. (86) International Application (72)Name of Inventor: :PCT/EP2012/053082 No 1)TALSMA Paul Alexander :23/02/2012 Filing Date 2)BARTHOLOMEW Tracy (87) International Publication No:WO 2012/113873 (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 flavour compositions comprising a mixture of coolant compounds comprising menthol and a menthane carboxamide selected from N (4 cyanomethylphenyl) p menthanecarboxamide. 2 isopropyl 5 methyl N (2 (pyridin 4 yl)ethyl)cyclohexanecarboxamide or a mixture of N (4 cyanomethylphenyl) p menthanecarboxamide and 2 isopropyl 5 methyl N (2 (pyridin 4 yOethylJcyclohexanecarboxamide wherein the total amount of menthane carboxamide is about 0.1 to 10%.

No. of Pages : 21 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :05/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : DIOL COMI	POSITION AND POLYES	TER
(51) International classification	·C08G63/16 C07C31/20	(71)Name of Applicant :
(31) Priority Document No	:2011035839	1)TORAY INDUSTRIES INC.
(32) Priority Date	:22/02/2011	Address of Applicant :1 1 Nihonbashi Muromachi 2 chome
(33) Name of priority country	:Japan	Chuo ku Tokyo 1038666 Japan
(86) International Application No	:PCT/JP2012/054069	(72)Name of Inventor :
Filing Date	:21/02/2012	1)ITO Masateru
(87) International Publication No	:WO 2012/115084	2)MORITA Izumi
(61) Patent of Addition to Application	:NA	3)KAWAMURA Kenji
Number	:NA :NA	4)YAMADA Tetsuya
Filing Date	.117	5)KUMAZAWA Sadanori
(62) Divisional to Application Number	:NA	6)YAMADA Katsushige
Filing Date	:NA	

(57) Abstract :

Provided is a polyester with an excellent color tone and improved molding stability and mechanical properties. This improvement is achieved by controlling the electrical conductivity of the diol composition which is a raw material for the polyester to be between 0.6 mS/m and 30 mS/m and preferably by controlling the pH of the diol composition to be between 5 and 7.5 thereby reducing the heating weight loss ratio of the polyester.

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

(21) Application No.6309/CHENP/2013 A

(22) Date of filing of Application :05/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MULTILAYERED RESIN MOLDING BODY AND METHOD FOR MANUFACTURING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	 B32B27/20,C08K3/04,C08K7/00 2011189527 :31/08/2011 :Japan :PCT/JP2012/071991 :30/08/2012 :WO 2013/031883 :NA :NA :NA :NA 	 (71)Name of Applicant : 1)SEKISUI CHEMICAL CO. LTD. Address of Applicant :4 4 Nishitemma 2 chome Kita ku Osaka shi Osaka 5308565 Japan (72)Name of Inventor : 1)TSUMURA Kensuke 2)SAWA Kazuhiro 3)TAKAHASHI Katsunori 4)INUI Yoshihiro 5)INUI Nobuhiko 6)TANIGUCHI Koji
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(57) Abstract :

The present invention relates to a multilayered resin molding body which has a high level of filler orientation and mechanical strength and a method for manufacturing the same multilayered resin molding body. A multilayered resin molding body (1) of the present invention comprises a thermoplastic resin (11a) a filler (15) formed of a carbon material having a graphene structure a plurality of laminated resin composition layers (11) in which the filler (15) is scattered in the thermoplastic resin (11a). According to the multilayered resin molding body (1) and the method for manufacturing the multilayered resin molding body (1) of the present invention an angle formed by the longitudinal direction of the respective filler (15) and the direction of the average of the longitudinal direction of each filler (15) is $\pm 6^{\circ}$ or less.

No. of Pages : 140 No. of Claims : 18

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : PURIFICATI	ON OF INSULIN	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07K14/62 :11152910.3 :01/02/2011 :EPO :PCT/EP2012/051662 :01/02/2012 :WO 2012/104339 :NA :NA :NA :NA	 (71)Name of Applicant : 1)NOVO NORDISK A/S Address of Applicant :Novo All DK 2880 Bagsv¦rd Denmark (72)Name of Inventor : 1)MOLLERUP J,rgen M. 2)FREDERIKSEN S,ren S,ndergaard

(57) Abstract :

The present application discloses a chromatographic process for separating protein components of a protein containing solution said solution comprising an insulin peptide and one or more di or polyvalent metal ions said insulin peptide being capable of self association and/or structural change in the presence of di or polyvalent metal ions said process comprising the steps of: a) applying the protein containing solution to a column of a chromatographic solid phase material wherein the loading of the insulin peptide is at least 6.0 g per litre of column volume (g/L); and b)eluting the insulin peptide from said solid phase material by means of an eluent having a pH of at the most 8.5; and collecting a pool of the insulin peptide corresponding to at least 75 % by weight of the insulin peptide applied to the column in step (a).

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : ORGANIC AMINE SALTS OF AZILSARTAN PREPARATION METHOD AND USE THEREOF

 (51) International classification (31) Priority Document Not (32) Priority Date (33) Name of priority country (86) International Application No 		 (71)Name of Applicant : 1)JIANGSU HANSOH PHARMACEUTICAL CO. LTD. Address of Applicant :Economic & Technical Development Zone Lianyungang Jiangsu 222047 China 2)JIANGSU HANSOH PHARMACEUTICAL GROUP CO. LTD. 3)JIANGSU HANSOH MEDICINE INSTITUTE CO. LTD. (72)Name of Inventor :
Filing Date (87) International Publication No	:WO 2012/097697	1)PAN Bigao 2)HUANG Longbin 3)YANG Baohai
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed are organic amine salts of azilsartan a preparation method and use thereof. In particular disclosed are organic amine salts of azilsartan their preparation method the pharmaceutical composition comprising the compound in a therapeutically effective quantity and their use for the manufacture of antihypertensive medicaments.

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

(19) INDIA

(22) Date of filing of Application :14/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ELECTRON	IC APPARATUS	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04M1/02,H01M2/10 :2011038971 :24/02/2011 :Japan :PCT/JP2012/000929 :13/02/2012 :WO 2012/114671 :NA :NA :NA :NA	 (71)Name of Applicant : 1)NEC CASIO Mobile Communications Ltd. Address of Applicant :1753 Shimonumabe Nakahara ku Kawasaki shi Kanagawa 2118666 Japan (72)Name of Inventor : 1)WATANABE Yoshitaka

(57) Abstract :

This smartphone (100) has a battery lid (60) attached to the smartphone main body and a locking member (70) which is held so as to be rotatable by the smartphone main body and which rotates in response to a force received from the battery lid (60) so as to engage the battery lid (60). As a result of the engaging of the battery lid (60) by the locking member (70) the battery lid (60) is locked to the smartphone main body via the locking member (70). When viewed in perspective view from the back side of the smartphone (100) it can be seen that a housing unit (43) for housing a battery pack (50) is provided upon a lower case assembly (40).

No. of Pages : 49 No. of Claims : 10

(21) Application No.6482/CHENP/2013 A

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : APPARATUS AND METHOD FOR CONFIGURING A CONTROL MESSAGE IN A BROADCAST 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 	:1020110005625 :19/01/2011 :Republic of Korea :PCT/KR2012/000505 :19/01/2012 :WO 2012/099423 :NA :NA	 (71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea (72)Name of Inventor : 1)HWANG Sung Oh 2)PARK Kyung Mo 3)RHYU Sung Ryeul 4)SONG Jae Yeon
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(57) Abstract :

The present invention relates to an apparatus and method for transmitting a control message for a multimedia service in a broadcast system that supports an Internet protocol based multimedia service. To this end a message type field including information indicating the type of the control information contained in the control message is configured a length field containing information on the length of the control message is configured a selective field having different values depending on the type of the control information is configured and a payload field containing content of the control information is configured.

No. of Pages : 53 No. of Claims : 10

(21) Application No.6615/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/08/2013

(43) Publication Date : 26/09/2014

~ /		-
(51) International classification	:H04W72/04	(71)Name of Applicant :
(31) Priority Document No	:201110043883.0	1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date	:18/02/2011	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:China	Bantian Longgang Shenzhen Guangdong 518129 China
(86) International Application No	:PCT/CN2012/071340	(72)Name of Inventor :
Filing Date	:20/02/2012	1)SHU Bing
(87) International Publication No	:WO 2012/110008	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : COMMUNICATION METHOD AND DEVICE FOR COMMON CONTROL CHANNEL

(57) Abstract :

An embodiment of the present invention provides a communication method and device for a common control channel (CCCH). The method comprises: a first terminal receives a message from a network side device the message comprising information instructing the first terminal to use an assigned CCCH; the first terminal is of a first type and the CCCH assigned to the first terminal is used specifically by terminals of the first type; the first terminal communicates with the network side device on the assigned CCCH according to the information received. The terminal comprises a receiving module and a communication module. The network side device comprises: an allocation module and a transmission module. The solution as put forth in embodiments of the present invention allows for the control of various types of terminals using various CCCHs.

No. of Pages : 18 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :16/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:H04B7/06	(71)Name of Applicant :
(31) Priority Document No	:61/445485	1)QUALCOMM INCORPORATED
(32) Priority Date	:22/02/2011	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.
(86) International Application No	:PCT/US2012/026161	(72)Name of Inventor :
Filing Date	:22/02/2012	1)GAAL Peter
(87) International Publication No	:WO 2012/116091	2)CHEN Wanshi
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : UPLINK TRANSMIT ANTENNA SELECTION IN CARRIER AGGREGATION

(57) Abstract :

An uplink antenna selection method where a base station transmits first and second control information to a user equipment. The first control information includes instructions for configuring the user equipment with closed loop transmit antenna selection on one of a plurality of component carriers and the second control information includes instructions for configuring the UE with open loop transmit antenna selection on at least one other of the plurality of the component carriers. Also the UE may transmit an indication of its capability for transmission antenna switching per component carrier. Further the UE may perform steps to resolve inconsistent antenna selection triggers received from the base station.

No. of Pages : 50 No. of Claims : 64

(22) Date of filing of Application :16/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : APPARATUS METHOD AND SYSTEM FOR UPLINK CONTROL CHANNEL RECEPTION IN A HETEROGENEOUS WIRELESS COMMUNICATION NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W52/24 :61/444264 :18/02/2011 :U.S.A. :PCT/US2012/025606 :17/02/2012 :WO 2012/112868 :NA :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)SUN Haitong 2)VITTHALADEVUNI Pavan Kumar 3)SAMBHWANI Sharad Deepak 4)HOU Jilei 5)MOHANTY Bibhu Prasad
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(57) Abstract :

A method and system for improving the reception of uplink transmissions in a heterogeneous wireless communication system includes a high power node such as a macro cell and a low power node such as a femto cell or pico cell. To address an uplink imbalance where a nearby low power node power controls a UE such that uplink transmissions of an HSDPA control channel are poorly received at the serving cell an RNC can instruct the UE to boost its uplink transmit power remove the UE from soft handover or disable power control of the UE by the low power node. To address inter cell interference the RNC can limit the UE transmit power and/or enable the victim cell to suppress the interference. Further a common control channel can be used to power control UEs outside of the convention set of UEs available for power control.

No. of Pages : 65 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:G01R33/44	(71)Name of Applicant :
(31) Priority Document No	:61/435844	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:25/01/2011	Address of Applicant : High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/050314	(72)Name of Inventor :
Filing Date	:24/01/2012	1)WELCH Edward Brian
(87) International Publication No	:WO 2012/101571	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.1NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : INTERLEAVED SPIN LOCKING IMAGING

(57) Abstract :

A magnetic resonance (MR) system 10 includes a scan controller 20 which generates a plurality of like MR pulse sequences TR. Each pulse sequence includes a plurality (m) of RF excitation pulses EXC which selectively excite a nuclear species a plurality of different spin lock pulses SL SL SL before each RF excitation pulse EXC a plurality of data readout intervals RE RE ... RE. A SAR unit 42 determines a SAR value corresponding to the pulse sequence and determines a shortest repetition time for the pulse sequence based on the SAR value. A plurality of pulse sequences TR are applied each corresponds to a single phase encode. The pulse sequences are identical except for the phase encode gradients such that a plurality of T weighted images of the examination region are generated. A T processor 40 analyzes the T weighted images and generates a T map of the examination region according to the analysis.

No. of Pages : 15 No. of Claims : 20

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : OPTICAL ASSEMBLY FOR AN END CAP OF A LIGHTING FIXTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:F21S8/06,F21V13/04,F21V15/015 :61/435239 :21/01/2011 :U.S.A. :PCT/IB2012/050148 :12/01/2012 :WO 2012/098480	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)SANTORO Scott 2)JOHNS Steven William 3)FORTIN Daniel
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

Disclosed is an apparatus for an optical assembly for an end cap (30) of a lighting fixture (10). The optical assembly includes an outer lens (50) and an inner lens (40) interior of the outer lens (50). The end cap (30) may be coupled to a lighting fixture main housing (12) and configured to enable light from a light source (18) within the main housing (12) to enter the end cap (30) be directed through the inner lens (40) and out the outer lens (50).

No. of Pages : 29 No. of Claims : 19

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR DETERMINING AT LEAST ONE APPLICABLE PATH OF MOVEMENT FOR AN OBJECT IN TISSUE

(51) International classification	:A61B19/00,A61B17/34,G06T7/00	(71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(31) Priority Document No	:11151552.4	Address of Applicant : High Tech Campus 5 NL 5656 AE
(32) Priority Date	:20/01/2011	Eindhoven Netherlands
(33) Name of priority country	:EPO	(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication 	:PCT/IB2012/050169 :13/01/2012	1)EKIN Ahmet 2)MARTENS Hubert Ccile Fran§ois
No	:WO 2012/098485	
(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 determining at least one applicable path (32) for the movement of an object especially of a surgical and/or diagnostical device in human tissue (14) or animal tissue by means of a data set of intensity data obtained by a 3D imaging technique the applicable path (32) of movement connecting a starting position (28) of the device with a defined target location (30). According to the invention the method comprises the steps: defining the target location (30) of a reference point of the device and choosing at least one possible starting position (24 26 28) of the reference point of the device; determining a candidate path of movement (18 20 22) between the corresponding possible starting position (24 26 28) and the defined target location (30); and evaluating the candidate path of movement (18 20 22) as being an applicable path (32) depending on information about local intensity extrema and/or intensity variation resulting from the intensity data along the candidate path of movement (18 20 22). The invention further relates to a corresponding computer readable medium a corresponding computer program product and a corresponding computerized system.

No. of Pages : 20 No. of Claims : 15

(22) Date of filing of Application :16/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHODS AND APPARATUS FOR EMPLOYING DIFFERENT CAPABILITIES FOR DIFFERENT **DUPLEXING MODES**

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	·H04I 5/00	 (71)Name of Applicant : QUALCOMM INCORPORATED Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor : KLINGENBRUNN Thomas CASACCIA Lorenzo UMATT Bhupesh Manoharlal SAGANE GOWDA Pradeep AMERGA Daniel RAMACHANDRAN Shyamal MURUGAN Muralidharan SURESHCHANDRAN Swaminathan DHARMARAJU Dinesh HALBHAVI Sudhir S. DRAPKIN Vitaly CHALLA Raghu Narayan
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(57) Abstract :

Certain aspects of the present disclosure propose techniques for independently signaling features supported by a user equipment (UE) in different duplexing modes. The UE may be capable of communicating in frequency division duplexing (FDD) and time division duplexing (TDD) modes. The UE may obtain a FDD specific feature group indicators (FGIs) set and a TDD specific FGIs set and signal at least one of the FDD specific FGIs set or TDD specific FGIs set. In addition the UE may take one or more actions to reduce the likelihood of transitioning to a mode of operation that is different from its current mode of operation.

No. of Pages : 38 No. of Claims : 46

(19) INDIA

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MEASURING CONTINUITY OF THERAPY ASSOCIATED WITH A RESPIRATORY TREATMENT DEVICE

(51) International classification	:A61M16/00	(71)Name of Applicant :
(31) Priority Document No	:61/432804	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:14/01/2011	Address of Applicant : High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/050055	(72)Name of Inventor :
Filing Date	:05/01/2012	1)DANGELO Mark Dominic
(87) International Publication No	:WO 2012/095764	2)SHELLY Benjamin Irwin
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

Continuity of therapy associated with a respiratory treatment device may be measured. Information relating to therapy administered via the respiratory treatment device to a subject during a therapy session may be received. Based on the received information a quantity of therapy interruption events that occurred during the therapy session may be determined. A continuity indicator may be determined based on the quantity of therapy interruption events that occurred during the therapy session. The continuity indicator is indicative of continuity of therapy associated with the respiratory treatment device during the therapy session.

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

(19) INDIA

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : LIGHTING	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 	:F21V29/00,F21K99/00 :PCT/CN2011/070271 :14/01/2011 :China :PCT/IB2012/050134 :11/01/2012 :WO 2012/095798 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)TER WEEME Berend Jan Willem 2)VAN DE MOESDIJK Remco Yuri 3)VAN DEN BOSCH Marcus Joannes 4)XIONG Yan 5)DUAN Xiaoqing

(57) Abstract :

There is provided a lighting device 100 comprising a light source a driver arranged for powering the light source which is separated in space from the light source. The lighting device has two separate heat sinks a light source heat sink 112 to which the light source is thermally coupled and a driver heat sink 115 to which the driver is thermally coupled. The light source heat sink and the driver heat sink are separated by an air gap 114 to provide thermal decoupling of the light source heat sink and the driver heat sink.

No. of Pages : 16 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :19/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : EXCHANGEABLE ELECTRODE AND ECG CABLE SNAP CONNECTOR

(51) International classification	:A61B5/0408,A61B5/0432	(71)Name of Applicant :
(31) Priority Document No	:13/015173	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:27/01/2011	Address of Applicant : High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/050265	(72)Name of Inventor :
Filing Date	:19/01/2012	1)CHRIST Johannes
(87) International Publication No	:WO 2012/101554	2)MAIER Matthias
(61) Patent of Addition to Application	. N.T. A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

A body worn physiological sensor assembly (100) having a monitor/event recorder (120) a plurality of ECG electrodes (140 180 182) and an interconnect device (160) disposed between the recorder and the ECG electrodes. The interconnect device is preferably disposable and simplifies the cleaning and decontamination of the assembly after use. In addition the disposable interconnect device (160) incorporates the primary wear surfaces for the various electrical connections.

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

(19) INDIA

(22) Date of filing of Application :19/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : TISSUE REPAIR WITH SPACE SEEKING SPIRALS OF FILAMENT

(51) International classification	:A61B17/70,A61B17/34,A61B17/88	(71)Name of Applicant : 1)YEUNG Jeffrey E.
(31) Priority Document No	:61/465804	Address of Applicant :834 North White Road San Jose CA
(32) Priority Date	:23/03/2011	95127 U.S.A.
(33) Name of priority country	y:U.S.A.	2)YEUNG Teresa T.
(86) International Application No Filing Date	:PCT/US2012/000158 :23/03/2012	(72)Name of Inventor :1)YEUNG Jeffrey E.2)YEUNG Teresa T.
(87) International Publication No	¹ :WO 2012/128829	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A distal portion of a filament (126B 126C) is extended beyond the distal end of a needle (101) with a gripper (111). The needle with the extended filament is inserted into a cannula (230) with snagging points (231) at the distal opening of the cannula in tissue. The snagging points of the cannula hook and retain the distal portion of the filament. During partial withdrawal of the needle a section of filament is deposited in the lumen of the cannula between the distal ends of the needle and cannula. When the needle is re advanced the section of filament is expelled or pushed out of the cannula into tissue. The needle is then rotated; the gripper engages and spirals the expelled filament burrowing into tissue. The needle can further advanced to push and pack the spiral of filament deep into the tissue. The knotlike filament spiral (126) is individually formed by rotation of the needle and friction between the extended filament and tissue. The process of needle partial withdrawal re advancement rotation and pushing is repeated to pack and fill the tissue with interconnecting spirals of filament to prevent migration from tissue. Spiraling of the filament driven by the rotating needle is space seeking filling fitting or conforming to fortify bulk fill cushion or repair the tissue. Bulking with filament spirals can repair degenerated disc urinary incontinence fecal incontinence or other defective tissue. The filament spirals can also be used as a suture anchor deep within tissue.

No. of Pages : 68 No. of Claims : 23

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : VIRTUAL ENDOSCOPIC IMAGING WITH HIGH RISK STRUCTURE HIGHLIGHTING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority 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/IB2012/050116 :10/01/2012 :WO 2012/095788 :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands 2)PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH (72)Name of Inventor : 1)KLINDER Tobias 2)WIEMKER Rafael 3)XU Sheng
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method system and program product are provided for highlighting high risk structures in a virtual rendering for use during an intervention procedure in a body lumen. A physician performs a CT scan of the body lumen. Using the CT scan a modeling program segments the body lumen and segments a high risk structure. The modeling program determines relative distances between the body lumen and the high risk structure and compares the distances to a marking criteria. The modeling program creates a virtual rendering of the inside of the body lumen corresponding to an interventional camera image and marks areas of a wall of the body lumen corresponding to the comparison of the relative distance to the marking criteria.

No. of Pages : 21 No. of Claims : 19

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : 4D CONTRAST ENHANCED COMPUTED TOMOGRAPHY (CT)

 (86) International Application N Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	o:PCT/IB2012/050133 :11/01/2012	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)KLAHR Paul Harvey 2)SHAH Ekta Dhawal 3)POHLMAN Scott Kenneth 4)LUHTA Randall Peter
Number Filing Date	:NA	

(57) Abstract :

A method includes performing a contrast enhanced computed tomography (CT) scan of tissue of interest of a subject with an imaging system (100) having a radiation source (112) and a detector array (118) in which a peak contrast enhancement of the tissue of interest a full range of motion of the tissue of interest and an entire volume of interest of the tissue of interest are concurrently imaged during a single rotation of the radiation source and the detector array of the imaging system over an entire or a predetermined sub portion of a breathing cycle.

No. of Pages : 21 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :13/08/2013

(54) Title of the invention : TRANSMISSION ARRANGEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F16H37/08,F16H61/664 :1103278.6 :25/02/2011 :U.K. :PCT/EP2012/000838 :27/02/2012 :WO 2012/113580 :NA :NA	 (71)Name of Applicant : 1)TOROTRAK (DEVELOPMENT) LIMITED Address of Applicant :1 Aston Way Leyland Lancashire PR2 7UX U.K. (72)Name of Inventor : 1)OLIVER Robert Andrew
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention concerns a transmission arrangement particularly suited for use with a motor vehicle which has left and right hand transmissions 200 200. A left hand variator 204 404 comprises a left hand input race 222 driveable from a transmission input 220 520 620 and a left hand output race 226 426 626. A set of left hand variator rollers 224 is arranged to transmit drive between the left hand input race and the left hand output race. The left hand output race. A left hand epicyclic unit 210 has two left hand epicyclic inputs 226 234 driveable respectively along with the left hand input race and the left hand epicyclic out 234 which is arranged to drive a left hand transmission output 240 440 640. A right hand transmission is formed in similar manner. In accordance with an aspect of the invention the left and right hand epicyclic units are both frictional devices in which epicyclic planets 234 are formed as rollers and more specifically as balls which run upon annular surfaces of a pair of epicyclic elements and which are carried in planet carriers. The rollers of the left hand variator are moveable independently of the rollers of the right hand variator so that the speeds of the left and right hand transmission outputs are independently variable.

No. of Pages : 29 No. of Claims : 19

(22) Date of filing of Application :19/08/2013

(43) Publication Date : 26/09/2014

METHOD OF MANUFACTURING THE GLAZING (51) International classification :B60J1/14 (71)Name of Applicant : (31) Priority Document No 1)SAINT GOBAIN GLASS FRANCE :1152030 (32) Priority Date Address of Applicant :18 Avenue dAlsace F 92400 :14/03/2011 (33) Name of priority country Courbevoie France :France (86) International Application No :PCT/FR2012/050521 (72)Name of Inventor : Filing Date :13/03/2012 1)GRANDGIRARD Bastien (87) International Publication No :WO 2012/123674 2)COUTELLIER Nicolas (61) Patent of Addition to Application **3)HUCHET Grard** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : DEVICE FOR ATTACHING GLAZING THAT CAN BE OPENED BY TURNING GLAZING AND

(57) Abstract :

The present invention relates to a device (1) for attaching a glazed element (2) into an opening in such a way that said glazed element (2) is able to be turned with respect to this opening about an axis of rotation R through an angle of opening a said device (1) comprising firstly at least one projecting element (4) having an axis (A) for attaching the device (1) to an upright (3) of said opening and secondly at least one mount (5) having an interior face (51) and an exterior face (53) which is situated facing a surface of said glazed element (2) and said mount (5) being at least partially if not wholly built into a portion (6) of elastic material adhering at least to said interior face (21) of said glazed element (2) characterized in that said projecting element (4) is a rigid attachment means for rigidly attaching the projecting element to the upright (3) of said opening or of closing said glazed element (2) and so that during the movement of opening or of closing said glazed element (2) and so that during the movement of opening said glazed element (2) at least one if not several part(s) (P P) of said portion of elastic material (6) is (are) compressed between said mount (5) and said upright (3) or even also between said mount (5) and said glazed element (2).

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : ANTIMICROBIAL FUSION COMPOUNDS AND USES THEREOF

classification :C0/K19/00,C12N15/11,A01K38/00 (31) Priority Document No :PI2011000092 (32) Priority Date :07/01/2011	 (71)Name of Applicant : 1)VALIANT BIOPHARMA SDN BHD Address of Applicant :36 1 Jalan SS15/4C 47500 Subang Jaya Selangor Malaysia (72)Name of Inventor : 1)ABU BAKAR Ag. Muhammad Sagaf 2)UNG Eng Huan
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(57) Abstract :

A fusion protein comprising at least one Type 1 Ribosome Inactivating Protein polypeptide B; and at least one polypeptide A capable of viral entry inhibition; and/or at least one Cationic AntiMicrobial Peptide polypeptide C.

No. of Pages : 94 No. of Claims : 31

(12) PATENT APPLICATION PUBLICA	ATION	(21) Application No.6276/CHENP/2013 A
 (19) INDIA (22) Date of filing of Application :05/08/2 (54) Title of the investion + LNC STOP A 		(43) Publication Date : 26/09/2014
(54) Title of the invention : LNG STORA	OL TANK	
(51) International classification	:F17C3/02	(71)Name of Applicant :
(31) Priority Document No	:11154318.7	1)STAMICARBON B.V. ACTING UNDER THE NAME OF
(32) Priority Date	:14/02/2011	MT INNOVATION CENTER
(33) Name of priority country	:EPO	Address of Applicant : Mercator 3 NL 6135 KW Sittard
(86) International Application No	:PCT/NL2012/050080	Netherlands
Filing Date	:14/02/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/112038	1)TROLLUX Jacques Francois Andre
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		•

(57) Abstract :

Disclosed is a concrete tank for very large LNG tanks. The invention utilizes membrane technology in concrete structures that deviate from the standard cylindrical constructions. Typical concrete housings of the invention are a parallelepipedic structure or an annular structure comprising two concentric walls. Both structures can be covered by a gabled or an arched roof and avoid the size limitations imposed on cylindrical structures as a result of the size limitations inherent to concrete domes. The invention proposes also several ways to improve the available working height of LNG within such concrete structures of a given height.

No. of Pages : 23 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :05/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:B23K26/08,B05D3/06	(71)Name of Applicant :
(31) Priority Document No	:1151576	1)SAINT GOBAIN GLASS FRANCE
(32) Priority Date	:25/02/2011	Address of Applicant :18 Avenue dAlsace F 92400
(33) Name of priority country	:France	Courbevoie France
(86) International Application No	:PCT/FR2012/050365	(72)Name of Inventor :
Filing Date	:21/02/2012	1)BILAINE Mattieu
(87) International Publication No	:WO 2012/114038	2)RACHET Vincent
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : HEAT TREATMENT OF A LASER COATING

(57) Abstract :

The invention relates to a method for heating an organic coating applied onto substrates (1) particularly mirror substrates. Laser radiation is applied onto the organic coating while the substrates continuously move. Said method in particular makes it possible to dry or cure paints or inks with little heat being transferred to the substrate.

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

(21) Application No.6531/CHENP/2013 A

(19) INDIA(22) Date of filing of Application :13/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESS FOR THE FERMENTATIVE PRODUCTION OF SULPHUROUS AMINO 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 Filing Date 		 (71)Name of Applicant : 1)EVONIK DEGUSSA GMBH Address of Applicant :Rellinghauser Strae 1 11 45128 Essen (72)Name of Inventor : 1)SCHNEIDER Frank 2)MOLCK Stella 3)BATHE Brigitte

(57) Abstract :

The invention relates to a process for the fermentative production of sulphurous amino acids selected from the group consisting of L methionine L cysteine L cystine L homocysteine and L homocystine comprising the steps: a) providing a microorganism from the Enterobacteriaceae family or a microorganism from the Corynebacteriaceae family which has an increased thiosulphate sulphurtransferase activity compared with the respective initial strain; b) fermenting the microorganism of a) in a medium which comprises an inorganic sulphur source selected from the group consisting of salt of dithiosulphuric acid or a mixture of a salt of dithiosulphuric acid and a salt of sulphuric acid which gives a fermentation broth and c) concentrating the sulphurous amino acid in the fermentation broth of b).

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

(22) Date of filing of Application :19/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PRODUCING ETHYLENE GLYCOL THROUGH FLUIDIZED BED CATALYTIC REACTION OF OXALATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application Nu 	:C07C31/20,C07C29/149,B01J23/72 :201110045364.8 :25/02/2011 :China :PCT/CN2012/000236	 (71)Name of Applicant : 1)CHINA PETROLEUM & CHEMICAL CORPORATION Address of Applicant :22 Chaoyangmen North Street Chaoyang District Beijing 100728 China 2)SHANGHAI RESEARCH INSTITUTE OF PETROCHEMICAL TECHNOLOGY SINOPEC (72)Name of Inventor : 1)VANC Weighter
Application No Filing Date	:24/02/2012	1)YANG Weimin 2)LIU Juntao
(87) International Publication No	ⁿ :WO 2012/113267	3)WANG Wanmin 4)KUAI Jun
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a method for producing ethylene glycol through fluidized bed catalytic reaction of an oxalate to solve the problem of low selectivity for the hydrogenation product ethylene glycol in the prior art. In the method a fluidized bed reactor is employed and an oxalate is used as a raw material the raw material contacts a fluidized bed catalyst to produce an ethylene glycol containing effluent wherein the fluidized bed catalyst comprises based on parts by weight a) about 5 80 parts of copper and an oxide thereof b) about 10 90 parts of at least one carrier of silica a molecular sieve and alumina and c) about 0.01 30 parts of metal elements bismuth and tungsten or an oxide thereof or metal elements cerium and niobium or an oxide thereof. The method improves the product selectivity and is thus applicable to industrial production of ethylene glycol.

No. of Pages : 20 No. of Claims : 11

(22) Date of filing of Application :07/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : INCUBATOR ASSEMBLY AND ASSOCIATED CONTROL APPARATUS THAT CONTROLS HUMIDITY RATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:PCT/IB2011/056014 :29/12/2011 :WO 2012/093326 :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)BHARADWAJ Sanjay 2)SAHU Uttama Kumar
(62) Divisional to Application Number Filing Date	n:NA :NA	

(57) Abstract :

An improved incubator (4) and control apparatus (16) include separate temperature and humidity control loops (36 38) wherein a commanded temperature (44) and a commanded relative humidity (RH) value (46) are commanded to the control apparatus via a user interface (40). The control apparatus employs a humidifier rate saturation controller (74) which acts responsive to both a humidity control signal (72) and a current temperature (52A) to regulate the addition of humidity to the air within the incubator assembly to avoid a transient humidity from exceeding a predetermined value and thereby avoiding the generation of condensation within the incubator.

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

(22) Date of filing of Application :07/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : INCUBATOR ASSEMBLY AND ASSOCIATED CONTROL APPARATUS THAT CONTROLS SPECIFIC HUMIDITY

(51) International classification	:A61G11/00	(71)Name of Applicant :
(31) Priority Document No	:61/430566	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:07/01/2011	Address of Applicant : High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/050008	(72)Name of Inventor :
Filing Date	:02/01/2012	1)BHARADWAJ Sanjay
(87) International Publication No	:WO 2012/093346	2)SAHU Uttama Kumar
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract :

An improved incubator (4) and control apparatus (16) include separate temperature and humidity control loops (36 38) wherein a commanded temperature (44) and a commanded relative humidity (RH) value (46) are commanded to the control apparatus via a user interface (40). The humidity control loop (36) employs specific humidity (SH) in its control operations. The use of SH rather than RH decouples humidity from temperature and thus simplifies control of both.

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

(22) Date of filing of Application :13/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SELF PROVISIONING OF CONFIGURATION FOR A SPECIFIC PURPOSE CLIENT HAVING A WINDOWS BASED EMBEDDED IMAGE WITH A WRITE FILTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:17/01/2012 :WO 2012/102908 :NA	 (71)Name of Applicant : 1)WYSE TECHNOLOGY INC. Address of Applicant :3471 N. First Street San Jose CA 95134 U.S.A. (72)Name of Inventor : 1)TUKOL Sanmati Bahubali 2)PRABHALA Mohan
(61) Patent of Addition to Application		2)PRABHALA Monan
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Examples of methods and apparatus are provided for self provisioning of configuration for a specific purpose local client having a windows based embedded image with a write filter and obviating reinstallation of an entire windows based embedded image onto the specific purpose local client. The apparatus may include a retrieval module of the specific purpose local client configured to facilitate locating a repository server containing a configuration file. The retrieval module may be configured to facilitate obtaining the configuration file from the repository server while the write filter is enabled while obviating reinstallation of an entire windows based embedded image onto the specific purpose local client. The apparatus may include an apply settings module of the specific purpose local client of an entire windows based embedded image onto the specific purpose local client. The apparatus may include an apply settings module of the specific purpose local client configuration file or another configuration file.

No. of Pages : 191 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :13/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING GRAPHICAL USER INTERFACE

(51) International classification	:G06F3/048,G06F3/14	(71)Name of Applicant :
(31) Priority Document No	:1020110024480	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:18/03/2011	Address of Applicant :129 Samsung ro Yeongtong gu Suwon
(33) Name of priority country	:Republic of Korea	si Gyeonggi do 443 742 Republic of Korea
(86) International Application No	:PCT/KR2012/001569	(72)Name of Inventor :
Filing Date	:02/03/2012	1)EOM Sang Yong
(87) International Publication No	:WO 2012/128485	2)KIM Dong Sub
(61) Patent of Addition to Application	:NA	3)LEE Joon Gyu
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		•

(57) Abstract :

A method and an apparatus for providing a Graphical User Interface (GUI) on an Active Matrix Organic Light Emitting Diode (AMOLED) display of a device for reducing an image sticking effect are provided. The method includes displaying at least one item at an initial position on a screen of the display device turning off the screen according to a predefined condition receiving a display on input command and shifting the at least one item as much as a predefined distance from the initial position on the screen.

No. of Pages : 27 No. of Claims : 21

(22) Date of filing of Application :19/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR GEO STAGING OF SENSOR DATA THROUGH DISTRIBUTED GLOBAL (CLOUD) ARCHITECTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04L29/08,H04W4/02,H04W4/00 :61/445274 :22/02/2011 :U.S.A. :PCT/US2012/025947 :21/02/2012	 (71)Name of Applicant : 1)FEDEX CORPORATE SERVICES INC. Address of Applicant :30 FedEx Pkwy 1st Fl. Vertical Collierville TN 38017 U.S.A. (72)Name of Inventor : 1)SKAAKSRUD Ole Petter 2)AINSWORTH Miley
(87) International Publication No	:WO 2012/115970	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

There is disclosed a method of staging real time data in proximity to a mobile device. The method includes determining a geographic location associated with the mobile device and identifying a storage device located in proximity to the determined geographic location. The method also includes enabling real time data published by the mobile device or provided to the mobile device to be stored on the identified storage device.

No. of Pages : 28 No. of Claims : 25

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:F03D7/04,F03D11/00	(71)Name of Applicant :
(31) Priority Document No	:VI2011U000013	1)REEL S.R.L.
(32) Priority Date	:23/02/2011	Address of Applicant : Via Riviera Berica 40/42/44 I 36024
(33) Name of priority country	:Italy	Ponte di Nanto (VI) Italy
(86) International Application No	:PCT/IB2012/050776	(72)Name of Inventor :
Filing Date	:21/02/2012	1)BERTOTTO Ezio
(87) International Publication No	:WO 2012/114264	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.1NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ELECTRIC GENERATOR

(57) Abstract :

An electric generator (1) for the conversion of energy from a renewable energy source such as wind energy into electrical energy to be inserted into a local or remote network (R) which comprises a rotary electric machine (2) provided with means (3) for drawing energy from the renewable source and for converting into electrical energy first control means (4) for regulating the functioning parameters of the machine (2) second control means (5) for regulating the parameters of the electrical energy generated by the machine (2) and connection means (6) for electrically connecting the second control means (5) to the network (R) wherein the machine (2) is positioned in a space (V) placed at a predetermined distance (h) with respect to a base (B) that is fixed or anchorable with respect to the ground (T). The first control means (4) are housed in a first case (7) placed inside the space (V) the second control means (5) are housed in a second case (8) that is different and spatially offset with respect of the first and the second control means (5) are electrically connected to the first control means (4) to facilitate the mounting and the maintenance of the generator.

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

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification :H04N7/34 (71)Name of Applicant : (31) Priority Document No 1) ELECTRONICS AND TELECOMMUNICATIONS :1020110059850 (32) Priority Date **RESEARCH INSTITUTE** :20/06/2011 (33) Name of priority country Address of Applicant :161 Gajeong dong Yuseong gu Daejeon :Republic of Korea (86) International Application No :PCT/KR2012/004883 si 305 700 Republic of Korea Filing Date :20/06/2012 (72)Name of Inventor : (87) International Publication No :WO 2012/177053 1)LEE Jin Ho (61) Patent of Addition to Application 2)KIM Hui Yong :NA Number **3)LIM Sung Chang** :NA Filing Date 4)CHOI Jin Soo (62) Divisional to Application Number :NA 5)KIM Jin Woong Filing Date :NA

(54) Title of the invention : IMAGE ENCODING/DECODING METHOD AND APPARATUS FOR SAME

(57) Abstract :

According to the present invention an image encoding/decoding method comprises the steps of: performing an intra prediction on a current block so as to generate a prediction block; performing filtering on a filtering target pixel in the prediction block on the basis of the intra prediction mode of the current block so as to generate a final prediction block; and generating a reconstructed block on the basis of a reconstructed differential block corresponding to the current block and on the final prediction block. According to the present invention image encoding/decoding efficiency can be improved.

No. of Pages : 116 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :20/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:A01N43/36	(71)Name of Applicant :
(31) Priority Document No	:61/441251	1)THE JOHNS HOPKINS UNIVERSITY
(32) Priority Date	:09/02/2011	Address of Applicant :3400 North Charles Street Ames Hall
(33) Name of priority country	:U.S.A.	Baltimore MD 21218 U.S.A.
(86) International Application No	:PCT/US2012/024556	(72)Name of Inventor :
Filing Date	:09/02/2012	1)GALLAGHER Michela
(87) International Publication No	:WO 2012/109491	2)HABERMAN Rebecca
(61) Patent of Addition to Application	:NA	3)KOH Ming Teng
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : METHODS AND COMPOSITIONS FOR IMPROVING COGNITIVE FUNCTION

(57) Abstract :

This invention relates to methods and compositions for treating central nervous system (CNS) disorders with cognitive impairment. In particular it relates to the use of inhibitors of synaptic vesicle glycoprotein 2A (SV2A) alone or in combination with valproate in treating central nervous system (CNS) disorders with cognitive impairment in a subject in need or at risk thereof including without limitation subjects having or at risk for age related cognitive impairment Mild Cognitive Impairment (MCI) amnestic MCI (aMCI) Age Associated Memory Impairment (AAMI) Age Related Cognitive Decline (ARCD) dementia Alzheimer s Disease(AD) prodromal AD post traumatic stress disorder (PTSD) schizophrenia amyotrphic lateral sclerosis and cancer therapy related cognitive impairment.

No. of Pages : 320 No. of Claims : 96

(19) INDIA

(22) Date of filing of Application :20/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:C08G65/48,C08G16/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CONSTRUCTION RESEARCH & TECHNOLOGY
(32) Priority Date	:NA	GMBH
(33) Name of priority country	:NA	Address of Applicant :Dr. Albert Frank Strasse 32 83308
(86) International Application No	:PCT/CN2011/070632	Trostberg Germany
Filing Date	:26/01/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/100417	1)CHEN Liyi
(61) Patent of Addition to Application	:NA	2)KLUEGGE Jan
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : A PROCESS FOR PRODUCING POLYCONDENSATION PRODUCT

(57) Abstract :

The present invention relates to a process for producing a polycondensation product by polycondensing monomers including (A) an aromatic or heteroaromatic compound containing a polyether chain (B) optionally an aromatic or heteroaromatic compound which is different from monomer (A) and (C) an aldehyde in the presence of a protonation catalyst wherein the aldehyde is provided by a fast releasing aldehyde source and a slow releasing aldehyde source.

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

(22) Date of filing of Application :14/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEM FOR TRANSFERRING A FLUID ESPECIALLY LIQUEFIED PETROLEUM GAS BETWEEN A FIRST SURFACE INSTALLATION AND A SECOND SURFACE INSTALLATION

(51) International classification	:B63B27/24,B63B27/30	(71)Name of Applicant :
(31) Priority Document No	:11/00526	1)TECHNIP FRANCE
(32) Priority Date	:22/02/2011	Address of Applicant :6 8 Alle de lArche Faubourg de lArche
(33) Name of priority country	:France	ZAC Danton F 92400 Courbevoie France
(86) International Application No	:PCT/IB2012/000415	(72)Name of Inventor :
Filing Date	:06/03/2012	1)ESPINASSE Philippe Fran§ois
(87) International Publication No	:WO 2012/114198	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a system (10) for transferring fluid between a first surface installation (11) and a second surface installation (12) comprising a tubular transfer conduit (25) that can be deployed between the two surface installations the first end (28) of the conduit being connected to piping of the first surface installation (11) while the second end (29) is intended to be connected to a collector (20) of the second surface installation (12) said tubular transfer conduit (25) being suspended beneath a support and guidance structure (40) by a link (52). The tubular transfer conduit (25) comprises a first flexible section (30) extending in the form of a catenary a second flexible section (32) extending essentially vertically the fibre end (29) thereof emerging at the bottom being provided with a connection device (27) to be connected to the collector (20) of the second surface installation (12) and an elbow connection (31) arranged between the first and the second flexible section (32) the tubular transfer conduit (25) connecting the support structure (40) and an elbow connection point (31).

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

(19) INDIA

(22) Date of filing of Application :16/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:G06T5/00	(71)Name of Applicant :
(31) Priority Document No	:13/030534	1)HEXAGON TECHNOLOGY CENTER GMBH
(32) Priority Date	:18/02/2011	Address of Applicant : Heinrich Wild Strasse 201 CH 9435
(33) Name of priority country	:U.S.A.	Heerbrugg Switzerland
(86) International Application No	:PCT/US2012/025604	(72)Name of Inventor :
Filing Date	:17/02/2012	1)GRINDSTAFF Gene A.
(87) International Publication No	:WO 2012/112866	2)WHITAKER Sheila G.
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : FAST IMAGE ENHANCEMENT AND THREE DIMENSIONAL DEPTH CALCULATION

(57) Abstract :

Embodiments of the present invention relate to processing of digital image data that has been generated by imaging a physical object through a medium. For example the medium may be the atmosphere and the atmosphere may have some inherent property such as haze fog or smoke. Additionally the medium may be media other than the atmosphere such as water or blood. There may be one or more media that obstructs the physical object and the medium resides at least in front of the physical object between the physical object and an imaging sensor. The physical object may be one or more physical objects that are part of a scene in a field of view (e.g. view of a mountain range forest cars in a parking lot etc.). An estimated transmission vector of the medium is determined based upon digital input image data. Once the transmission vector is determined effects due to scattering can be removed from the digital input image producing a digital output image that enhances the digital input image so that further detail may be perceived. Additionally the estimated transmission vector may be used to determine depth data for each addressable location within the image. The depth information may be used to create a three dimensional image from a two dimensional image.

No. of Pages : 82 No. of Claims : 19

(21) Application No.6715/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 26/09/2014

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(51) International classification	:G01B21/22	(71)Name of Applicant :
(31) Priority Document No	:61/541131	1)WABTEC HOLDING CORP.
(32) Priority Date	:30/09/2011	Address of Applicant :1001 Air Brake Avenue Wilmerding
(33) Name of priority country	:U.S.A.	Pennsylvania 15148 U.S.A.
(86) International Application No	:PCT/US2012/057013	(72)Name of Inventor :
Filing Date	:25/09/2012	1)CHAPMAN Matthew
(87) International Publication No	:WO 2013/048998	
(61) Patent of Addition to Application	٠NA	
Number		
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
Number Filing Date (62) Divisional to Application Number		

(54) Title of the invention : POSITION SENSING DEVICE FOR TRANSIT SHAFT AND ARM ASSEMBLY

(57) Abstract :

A rotational position sensing device for sensing rotation of an axially adjustable shaft of a shaft and arm assembly of a door that does not require readjustment after the shaft and arm assembly are adjusted includes a fixed bracket supporting a post a position sensor having an upper portion a lower portion and an extended portion and a rotating portion. The extended portion extends from the upper portion of the position sensor and constrains the post of the bracket such that the upper portion of the position sensor is unable to axially rotate relative to the bracket. The rotating section is adapted to be fixed to the shaft and engage with the lower portion of the position sensor such that the rotating portion rotates relative to the upper portion of the position sensor.

No. of Pages : 20 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :05/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : DEVICE AND METHOD FOR DETERMINING ACTUAL TISSUE LAYER BOUNDARIES OF A BODY

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:11150150.8 :05/01/2011 :EPO	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)JEANNE Vincent 2)M,,UELER Sebastian 3)SHAN Caifeng
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(57) Abstract :

The present invention relates to a device (8) for determining tissue layer boundaries of a body (14) comprising a probe (10) for acquiring (S12) two or more ultrasound images (36) at adjacent positions of a surface (12) of the body (14) a converter (44) for converting (S14) said ultrasound images (36) separately to depth signals (46) wherein a depth signal (46) is obtained by summing intensities of one of said ultrasound images (36) along a line (66) of substantially constant depth in the body (14) a detector (48) for detecting (S16) a set of candidate tissue layer boundaries (50) for an ultrasound image (36) by thresholding the depth signal (46) obtained for said ultrasound image (36) a selection means (52) for selecting (S18) from a set of candidate tissue layer boundaries (50) a nearest candidate tissue layer boundary (54) that is nearest to the surface (12) of the body (14) and a processing means (56) for determining (S20) an actual tissue layer boundary (58) from the nearest candidate tissue layer boundaries (54) obtained for various ultrasound images (36).

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

(21) Application No.6325/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:C22C21/02,C22F1/043	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Nippon Light Metal Company Ltd.
(32) Priority Date	:NA	Address of Applicant :2 20 Higashi Shinagawa 2 chome
(33) Name of priority country	:NA	Shinagawa ku Tokyo 1408628 Japan
(86) International Application No	:PCT/JP2011/051615	(72)Name of Inventor :
Filing Date	:27/01/2011	1)SUZUKI Satoru
(87) International Publication No	:WO 2012/101805	2)KISHIMOTO Atsushi
(61) Patent of Addition to Application	:NA	3)ZHAO Pizhi
Number	:NA :NA	4)ODA Kazuhiro
Filing Date	.11A	5)ISOBE Tomohiro
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : HIGH ELECTRIC RESISTANCE ALUMINUM ALLOY

(57) Abstract :

An aluminum alloy casting having high electric resistance high toughness and high corrosion resistance and optimally usable in manufacturing of electric motor housings and a method of manufacturing said aluminum alloy casting are provided. The aluminum alloy casting has a composition including Si:11.0 13.0 mass% Fe:0.2 1.0 mass% Mn: 0.2 2.2 mass% Mg: 0.7 1.3 mass% Cr:0.5 1.3 mass% and Ti: 0.1 0.5 mass% with the remainder consisting of Al and unavoidable impurities wherein the content of Cu as an unavoidable impurity is limited to 0.2 mass% or less. In some cases heat treatments such as solution heat treatment or artificial aging hardening treatment are performed after casting.

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

(19) INDIA

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:13/095899	1)FACEBOOK INC.
(32) Priority Date	:28/04/2011	Address of Applicant :1601 Willow Road Menlo Park CA
(33) Name of priority country	:U.S.A.	94025 U.S.A.
(86) International Application No	:PCT/US2012/034548	(72)Name of Inventor :
Filing Date	:20/04/2012	1)BADROS Gregory Joseph
(87) International Publication No	:WO 2012/148822	2)RAINA Rajat
(61) Patent of Addition to Application	:NA	3)GE Hong
Number		4)ZHOU Ding
Filing Date	:NA	5)SENARATNA Nuwan
(62) Divisional to Application Number	:NA	6)ALEXANDRESCU Tudor Andrei
Filing Date	:NA	
(57) 11		Letter and the second se

(54) Title of the invention : COGNITIVE RELEVANCE TARGETING IN A SOCIAL NETWORKING SYSTEM

(57) Abstract :

A social networking system infers a user s present interests based on the user s recent actions and/or the recent actions of the user s connections in the social networking system. The social networking system also determines a set of concepts associated with each of a set of information items such as advertisements. By matching the user s present interests with the concepts associated with the information items the social networking system selects one or more of the information items that are likely to be of present interest to the user. The social networking system then presents the selected information items for display to the user thereby providing information based on an inferred temporal relevance of that information to the user.

No. of Pages : 32 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A MOUNTING PLATE SUPPORT AND A MOUNTING 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 	:201110030759.0 :28/01/2011 :China	 (71)Name of Applicant : 1)SCHNEIDER ELECTRIC INDUSTRIES SAS Address of Applicant :35 rue Joseph Monier F 92500 Rueil Malmaison France (72)Name of Inventor : 1)WU Hongwei 2)WATERLOT Frederic 3)PENG Jing 4)CAI Zhixiong

(57) Abstract :

This invention discloses a mounting plate support and a method to mount the mounting plate support into a switch gear having first and second anchors. The mounting plate support having first and second slim bodies each slim body having a first end and a second end opposite to the first end and at least one component mounting slot between the first and second ends; first slim body having a first open clasp disposed near the first end thereof and a first fixture disposed near the second end thereof; second slim body having a second open clasp disposed near the first end thereof and a second fixture disposed near the second end thereof. First and second slim bodies are rotatable with said first and second open clasps as respective pivots in response to said first and second open clasps being mated with corresponding first and second anchors on the switch gear.

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

(19) INDIA

(22) Date of filing of Application :20/08/2013

(54) Title of the invention : CONNECTOR

(43) Publication Date : 26/09/2014

(57) Abstract :	 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01R9/22,H01R13/506 :2011048331 :04/03/2011 :Japan :PCT/JP2012/056043 :02/03/2012 :WO 2012/121358 :NA :NA :NA :NA	 (71)Name of Applicant : 1)YAZAKI CORPORATION Address of Applicant :4 28 Mita 1 chome Minato ku Tokyo 1088333 Japan (72)Name of Inventor : 1)JIMBO Tomoki 2)SATO Yoshinao 3)INOUE Taro 4)ZENG Genfu
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A connector includes a busbar (10) a housing (20) and a cover (30 40). The busbar includes a first connection part

(Ull U21 VII V21 WII W21) extending in a first direction a second connection part (U13 U23 V13 V23 W13 W23) extending in a second direction opposite to the first direction at an axial position different from the first connection part and a coupling part (U12 U22 V12 V22 W12 W22) extending in a direction orthogonal to the first direction and the second direction and coupling the first connection part and the second connection part. The housing includes at least one accommodation groove accommodating the coupling part and a slit through which one of the first connection part and the second connection part is inserted. The cover covers the accommodation groove.

No. of Pages : 35 No. of Claims : 5

(22) Date of filing of Application :20/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : COMMUNICATION PATH CONTROL DEVICE COMMUNICATION DEVICE COMMUNICATION PATH CONTROL METHOD COMMUNICATION METHOD AND PROGRAM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:H04L12/56,H04W24/04,H04W28/04 :2011042964 :28/02/2011 :Japan	 (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)NISHIOKA Jun
(86) International Application No Filing Date	:PCT/JP2012/054423 :23/02/2012	
(87) InternationalPublication No(61) Patent of Addition toApplication NumberFiling Date	:WO 2012/117940 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The problem addressed by the present invention is in a network configured from wireless links that can use an adaptive modulation function when using 1+1 protection to maintain communication without dropping of data occurring even if there is a drop in the transmission rate as a result of adaptive modulation. The invention of the present application is characterized by having: an investigation means that for every communication method that can be used in each of a normal pathway and a backup pathway investigates an open band that is a band that can be allocated when the transmission rate of the normal pathway and the backup pathway has decreased; and a control means that on the basis of the investigated open band and a band that a flow is requesting performs marking setting in a manner so that the packets of the same flow in the normal pathway and the backup pathway can complement each other.

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

(19) INDIA

(22) Date of filing of Application :20/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:H04W16/28	(71)Name of Applicant :
(31) Priority Document No	:11290043.6	1)ALCATEL LUCENT
(32) Priority Date	:26/01/2011	Address of Applicant :3 avenue Octave Grard F 75007 Paris
(33) Name of priority country	:EPO	France
(86) International Application No	:PCT/EP2011/070511	(72)Name of Inventor :
Filing Date	:21/11/2011	1)SAUR Stephan
(87) International Publication No	:WO 2012/100856	2)HALBAUER Hardy
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : BASE STATION AND METHOD OF OPERATING A BASE STATION

(57) Abstract :

The invention relates to a base station (100) for a cellular communications network wherein said base station (100) is configured to control at least one antenna system (110) which comprises a plurality of antenna elements (110a 110b 110c .. 110) wherein at least two antenna elements (110a 110b) are arranged at different vertical positions (pa pb) with reference to a virtual horizontal plane (P). The base station (100) is further configured to transmit specific pilot signals (DI D2) on orthogonal radio resources associated with said specific pilot signals (DI D2) via different antenna elements (110a 110b).

No. of Pages : 43 No. of Claims : 14

(22) Date of filing of Application :20/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MOBILE ADVERTISEMENT WITH SOCIAL COMPONENT FOR GEO SOCIAL NETWORKING SYSTEM

classification :G06Q30/02,G06Q50/30,G06K9/18 (31) Priority Document No :13/019061 (32) Priority Date :01/02/2011	 (71)Name of Applicant : 1)FACEBOOK INC. Address of Applicant :1601 Willow Road Menlo Park CA 94025 U.S.A. (72)Name of Inventor : 1)KENDALL Timothy 2)SHARP Evan Howell 3)HU Bo 4)HUI Daniel Jeng ping 5)CARRIERO Thomas Giovanni
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(57) Abstract :

In one embodiment a geo social networking system receives from a first user s location a message identifying the first user and one or more other users generating a redeemable certificate including pictures of the first user and the one or more other users and present the redeemable certificate to the first user.

No. of Pages : 41 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :20/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : THERAPEUTIC AGENT FOR ALOPECIA (51) International (71)Name of Applicant : :A61K38/22,A61K45/00,A61P17/14 classification 1)ENDO, Kyoko. (31) Priority Document No Address of Applicant :R3204 Tokyo Twinparks 1 10 2 :2011011437 Higashishinbashi Minato ku Tokyo 1050004 Japan (32) Priority Date :21/01/2011 2)IGISU Co. Ltd. (33) Name of priority country: Japan 3)ENDO Yori (86) International :PCT/JP2012/051272 Application No (72)Name of Inventor : :20/01/2012 Filing Date 1)ENDO Kyoko (87) International Publication :WO 2012/099258 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 addresses the problem of providing a novel therapeutic agent for alopecia which: is safe and effective against alopecia particularly alopecia areata male pattern baldness in men male pattern baldness in women female pattern baldness postpartum alopecia seborrheic alopecia alopecia pityrodes alopecia senilis alopecia due to chemotherapeutic agents and alopecia due to radiation exposure; is also effective for subjects who are resistant to minoxidil and finasteride treatments; and is free of side effects such as itching irritation and feminization has no contraindications reduces dandruff has a therapeutic effect on grey hair and has no long term loss in therapeutic effect on alopecia even when stopped. The means for solving this problem is a therapeutic agent for alopecia that uses a C type natriuretic peptide (CNP) or a B type natriuretic peptide (BNP) derivatives of these natriuretic peptides (NPs) chimeric peptides of these NPs or derivatives of these NPs as active ingredients.

No. of Pages : 284 No. of Claims : 28

(22) Date of filing of Application :16/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESSOR WITH A COPROCESSOR HAVING EARLY ACCESS TO NOT YET ISSUED INSTRUCTIONS

(51) International classification(31) Priority Document No(32) Priority Date	:G06F9/38 :61/439608 :04/02/2011	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn: International Ip Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego CA 92121 U.S.A.
(86) International Application No Filing Date(87) International Publication No	:PC1/082012/023998 :06/02/2012 :WO 2012/106719	(72)Name of Inventor :1)DOCKSER Kenneth Alan2)TEKMEN Yusuf Cagatay
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Apparatus and methods provide early access of instructions. A fetch queue is coupled to an instruction cache and configured to store a mix of processor instructions for a first processor and coprocessor instructions for a second processor. A coprocessor instruction selector is coupled to the fetch queue and configured to copy coprocessor instructions from the fetch queue. A queue is coupled to the coprocessor instruction selector and from which coprocessor instructions are accessed for execution before the coprocessor instruction is issued to the first processor. Execution of the copied coprocessor instruction is completed based on information received from the processor after the coprocessor instruction has been issued to the processor.

No. of Pages : 42 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :16/08/2013

(43) Publication Date : 26/09/2014

(+))		
(51) International classification	:A61M1/10	(71)Name of Applicant :
(31) Priority Document No	:61/434894	1)HEARTWARE INC.
(32) Priority Date	:21/01/2011	Address of Applicant :14000 NW 57th Court Miami Lakes FL
(33) Name of priority country	:U.S.A.	33014 U.S.A.
(86) International Application No	:PCT/US2012/022096	(72)Name of Inventor :
Filing Date	:20/01/2012	1)CASAS Fernando
(87) International Publication No	:WO 2012/100210	2)REYES Carlos
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : FLOW ESTIMATION IN A BLOOD PUMP

(57) Abstract :

The flow rate of blood in an implantable blood pump is determined at least in part based on a parameter related to thrust on the rotor of the pump. The parameter may be a parameter related to displacement of the rotor along its axis such as a function of the back electromotive force generated in one or more coils of the stator. The back electromotive force may be measured during open phase periods of a particular coil or set of coils during which no power is applied to the coil or set of coils by the motor drive circuit. The parameter related to thrust may be used in conjunction with the speed of rotation of the rotor the magnitude of current supplied to the rotor or both to determine the flow rate. The pump may be controlled responsive to the determined flow rate.

No. of Pages : 36 No. of Claims : 40

(19) INDIA

(22) Date of filing of Application :16/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:C12P7/64	(71)Name of Applicant :
(31) Priority Document No	:11151669.6	1)NOVOZYMES A/S
(32) Priority Date	:21/01/2011	Address of Applicant : Krogshoejvej 36 DK 2880 Bagsvaerd
(33) Name of priority country	:EPO	Denmark
(86) International Application No	:PCT/EP2012/050635	(72)Name of Inventor :
Filing Date	:17/01/2012	1)NIELSEN Per Munk
(87) International Publication No	:WO 2012/098114	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : PRODUCTION OF FATTY ACID ALKYL ESTERS

(57) Abstract :

A method for producing fatty acid alkyl esters wherein a solution comprising triglyceride alcohol water and glycerol is contacted with a lipolytic enzyme.

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

(22) Date of filing of Application :20/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MULTILAYER MASKING TAPE		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application Not Filing Date (87) International Publication Not (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	0:PCT/CA2012/000108 :09/02/2012	 (71)Name of Applicant : 1)LANGEMAN MANUFACTURING LIMITED Address of Applicant :56 Oak Street East Learnington Ontario N8H 2C2 Canada (72)Name of Inventor : 1)LANGEMAN Gary D.

(57) Abstract :

The present invention is a masking tape for use in applications where a coating material is applied to a surface for defining a sharp edge of the portion of the surface that is coated. The invention adds a reinforcing strip releasably attached to the non adhesive side of conventional masking tape comprising a substrate with an adhesive layer on one side. The reinforcing strip extends longitudinally along the length of the substrate with one edge substantially aligned with and preferably flush with one longitudinal edge of the substrate and acts as a separate means to cut through a coating or film more efficiently than the masking tape alone while subsequently leaving the masking tape in place until the preferred time of removal.

No. of Pages : 36 No. of Claims : 41

(21) Application No.6730/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:G06F7/00	(71)Name of Applicant :
(31) Priority Document No	:61/449496	1)FACTIFY A DELAWARE CORP.
(32) Priority Date	:04/03/2011	Address of Applicant : P.O. Box 20072 Stanford CA 94309
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/027768	(72)Name of Inventor :
Filing Date	:05/03/2012	1)DONOHO David Leigh
(87) International Publication No	:WO 2012/122123	2)GAVISH Matan
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METHOD AND APPARATUS FOR CERTIFICATION OF FACTS

(57) Abstract :

A method and apparatus for certification of facts introduces a certifier and a fact certificate into the fact exchange cycle that enables parties to exchange trustworthy facts. Certification is provided to a fact presenter during the first part of the fact exchange cycle and verification is provided to the fact receiver during the last part of the cycle. To request a certification a fact presenter presents the Certifier with a fact. In return the certifier issues a fact certificate after which the fact presenter presents the fact certificate to the fact receiver instead of presenting the fact itself. The receiver inspects the received certificate in order to evaluate the fact s validity and trustworthiness. For some facts and notions of verification service from the Certifier in order to complete the verification.

No. of Pages : 110 No. of Claims : 26

(19) INDIA

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : A PAINT CONTAINER WITH A RELEASABLY SECURED LINER (51) International classification :B44D3/12 (71)Name of Applicant : (31) Priority Document No 1)AKZO NOBEL COATINGS INTERNATIONAL B V :GB 1102039.3 (32) Priority Date Address of Applicant : Velperweg 76 NL 6824 BM Arnhem :07/02/2011 (33) Name of priority country :U.K. Netherlands (86) International Application No :PCT/EP2012/000550 (72)Name of Inventor : Filing Date **1)LLEWELLYN Timothy James** :07/02/2012 (87) International Publication No **2)CONNOLLY Eric Thomas** :WO 2012/107213 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A paint container (10) including a main body (12) a liner assembly (18) which locates inside the main body and a shroud (14) in which the shroud cooperates with the liner assembly and the main body so as to releasably secure the liner assembly to the main body.

No. of Pages : 31 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :06/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : BARCODE SCANNING DEVICE FOR DETERMINING A PHYSIOLOGICAL QUANTITY OF A PATIENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06K7/10 :11150294.4 :06/01/2011 :EPO :PCT/IB2011/055888 :22/12/2011 :WO 2012/093311 :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands 2)PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH (72)Name of Inventor : 1)KURZENBERGER Heinz Otto
Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

In order to easily prepare a medical diagnostic analysis of a patient a barcode scanning device (100) is configured for determining a physiological quantity of the patient. The barcode scanning device (100) comprises a light receiving unit (108) configured for receiving light (219) reflected from a surface to be sensed of the patient and a signal processing unit (218) configured for determining the physiological quantity of the patient based on the received light (219).

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

(19) INDIA

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:G06T7/00,G06T7/20	(71)Name of Applicant :
(31) Priority Document No	:2011031613	1)NEC Corporation
(32) Priority Date	:17/02/2011	Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088001 Japan
(86) International Application No	:PCT/JP2012/000291	(72)Name of Inventor :
Filing Date	:19/01/2012	1)KAMEI Shinichiro
(87) International Publication No	:WO 2012/111252	2)SHIRAISHI Nobuhisa
(61) Patent of Addition to Application	:NA	3)ARIKUMA Takeshi
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alestres et :		•

(54) Title of the invention : INFORMATION PROCESSING DEVICE

(57) Abstract :

This information processing device (200) comprises: a recognition result obtaining means (201) that obtains each piece of recognition result information output from a plurality of recognition engines (211 212 213) that each perform different recognition processing on data for recognition; and an integrated recognition result output means (202) that outputs a new recognition result that integrates each piece of recognition result information obtained from each of the plurality of recognition engines. Said device has a configuration whereby: the recognition result obtaining means (201) obtains from each of the plurality of recognition engines recognition result information in a data format common to the plurality of recognition engines; and the integrated recognition result output means (202) integrates each piece of recognition result information and outputs the new recognition result on the basis of each piece of recognition result information.

No. of Pages : 57 No. of Claims : 12

(21) Application No.6475/CHENP/2013 A

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : NOVEL BENZODIOXOLE PIPERAZINE COMPOUNDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D317/66,C07D407/12,C07D405/12 :11154780.8 :17/02/2011 :EPO :PCT/EP2012/052440 :14/02/2012 :WO 2012/110470 ⁵⁰ :NA :NA :NA	 (71)Name of Applicant : 1)F. HOFFMANN LA ROCHE AG Address of Applicant :Grenzacherstrasse 124 CH 4070 Basel Switzerland (72)Name of Inventor : 1)RODRIGUEZ SARMIENTO Rosa Maria 2)WICHMANN Juergen
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(57) Abstract :

The present invention is concerned with novel dual modulators of the 5 HT and D receptors of formula (I) wherein n Y R R R and R are as described herein as well as pharmaceutically acceptable salts and esters thereof. Further the present invention is concerned with the manufacture of the compounds of formula (I) pharmaceutical compositions comprising them and their use as medicaments.

No. of Pages : 79 No. of Claims : 26

(21) Application No.6476/CHENP/2013 A

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ELECTRONIC DEVICE DISPLAY METHOD AND PROGRAM

Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(62) Divisional to Application Number	:NA	 (71)Name of Applicant : 1)NEC CASIO MOBILE COMMUNICATIONS LTD. Address of Applicant :1753 Shimonumabe Nakahara ku Kawasaki shi Kanagawa 2118666 Japan (72)Name of Inventor : 1)OGURA Yuta
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(57) Abstract :

The present invention addresses facilitating ease of comprehension by a user of the totality of an operation menu having a layered structure as well as improving the searchability and operability of searching for a desired operation menu. To solve the problem provided is an electronic device comprising a menu display unit which displays on the display thereof a tree shaped menu having a layered structure wherein a plurality of operation menus each denoting a given operation are positioned in a tree shape and which is also capable of enlarged and reduced display of the tree shaped menu.

No. of Pages : 50 No. of Claims : 10

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS COMPRISING HUMAN ANTIBODIES TO PCSK9

(51) International classification	:C07K16/40,A61K39/395,A61P3/06	(71)Name of Applicant : 1)SANOFI
(31) Priority Document No	:11305088.4	Address of Applicant :54 rue La Botie F 75008 Paris France
(32) Priority Date	:28/01/2011	(72)Name of Inventor :
(33) Name of priority country	y:EPO	1)HANOTIN Corinne
(86) International Application No Filing Date	:27/01/2012	2)BESSAC Laurence 3)CHAUDHARI Umesh
(87) International Publication No	:WO 2012/101253	
(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 comprising an antibody specifically binding to human proprotein convertase subtilisin/kexin type 9 (PCSK9) to methods for treating diseases or conditions in which proprotein convertase subtilisin/kexin type 9 (PCSK9) expression or activity causes an impact by administration of PCSK9 specific antibodies or antigen binding fragments thereof and preferably by additional administration of an inhibitor of 3 hydroxy 3 methyl glutaryl CoA reductase (HMG CoA reductase). The present invention further relates to PCSK9 specific antibodies or antigen binding fragments thereof for use in the treatment of diseases or conditions in which PCSK9 expression or activity causes an impact. The present invention also relates to articles of manufacture comprising packaging material PCSK9 specific antibodies or antigen binding fragments thereof and a label or packaging insert indicating which groups of patients can be treated with said antibodies or fragments which groups of patients must not be treated with said antibodies or fragments and which dosage regimen should be used. The present invention further relates to methods of testing the efficacy of PCSK9 specific antibodies or antigen binding fragments thereof for the treatment of certain diseases or conditions and for the treatment of specific sub groups of patients.

No. of Pages : 419 No. of Claims : 42

(19) INDIA(22) Date of filing of Application :16/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ETHYLENE GLYCOL PREPARATION 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 	¹ :PCT/CN2012/000237 :24/02/2012 ¹ :WO 2012/113268 :NA :NA	 (71)Name of Applicant : 1)CHINA PETROLEUM & CHEMICAL CORPORATION Address of Applicant :22 Chaoyangmen North Street Chaoyang District Beijing 100728 China 2)SHANGHAI RESEARCH INSTITUTE OF PETROCHEMICAL TECHNOLOGY SINOPEC (72)Name of Inventor : 1)LIU Juntao 2)YANG Weimin 3)LI Lei 4)WANG Wanmin 5)ZHANG Linna 6)SONG Haifeng
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(57) Abstract :

The present invention relates to an ethylene glycol preparation method. Oxalate is used as raw material and copper or copper oxides are used as catalyst. Under the conditions of the reaction temperature being approximately at 170°C to 270°C the weight space velocity of oxalate being approximately 0.2 to 5 hr the molar ratio of hydrogen to ester being approximately 40:1 to 200:1 the reaction pressure being approximately 1.5 to 10 MPa the raw material contacts the catalyst in a reactor to produce an effluent comprising ethylene glycol. The reactor is an array tube reactor having multiple heat exchanging zones and a structure of an outer tube sleeving an inner tube for catalyst heat exchange.

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

(21) Application No.6746/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G09B7/08 :13/029045 :16/02/2011 :U.S.A. :PCT/US2012/024639 :10/02/2012 :WO 2012/112389 :NA :NA :NA	 (71)Name of Applicant : 1)KNOWLEDGE FACTOR INC. Address of Applicant :Suite 210 4775 Walnut Street Boulder Colorado 80301 U.S.A. (72)Name of Inventor : 1)ERNST Steve 2)SMITH Charles 3)KLINKEL Gregory 4)BURGIN Robert
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : SYSTEM AND METHOD FOR ADAPTIVE KNOWLEDGE ASSESSMENT AND LEARNING

(57) Abstract :

A system and method of knowledge assessment comprises displaying to a learner a plurality of multiple choice questions and two dimensional answers accessing a database of learning materials and transmitting to the learner the plurality of multiple choice questions and two dimensional answers. The answers includes plurality of full confidence answers consisting of single choice answers a plurality of partial confidence answers consisting of one or more sets of multiple single choice answers and an unsure answer. The method further comprises scoring a confidence based assessment (CBA) administered to the learner by assigning various knowledge state designations based on the learner s responses to the two dimensional questions.

No. of Pages : 80 No. of Claims : 31

(21) Application No.6747/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:10/02/2012 :WO 2012/112390 :NA :NA	 (71)Name of Applicant : 1)KNOWLEDGE FACTOR INC. Address of Applicant :Suite 210 4775 Walnut Street Boulder CO 80301 U.S.A. (72)Name of Inventor : 1)ERNST Steve 2)SMITH Charles 3)KLINKEL Gregory 4)BURGIN Robert
	:NA :NA :NA	4)BUKGIN KODER

(54) Title of the invention : SYSTEM AND METHOD FOR ADAPTIVE KNOWLEDGE ASSESSMENT AND LEARNING

(57) Abstract :

A services oriented system structure for knowledge assessment and learning comprises a display device for displaying to a learner at a client terminal a plurality of multiple choice questions and two dimensional answers an administration server adapted to administer one or more users of the system a content management system server adapted to provide an interface for the one or more users to create and maintain a library of learning resources a learning system server comprising a database of learning materials wherein the plurality of multiple choice questions and two dimensional answers are stored in the database for selected delivery to the client terminal and a registration and data analytics server adapted to create and maintain registration information about the learners.

No. of Pages : 99 No. of Claims : 26

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ZOOM LENS BARREL ASSEMBLY		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G02B7/04,G02B7/10,G03B17/02 :1020110012471 :11/02/2011 :Republic of Korea :PCT/KR2012/000272 :11/01/2012 :WO 2012/108625 :NA :NA :NA	 (71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea (72)Name of Inventor : 1)LEE Chan Ho 2)KIM Young Eun 3)KIM Bong Chan 4)KIM Jong Jun 5)OH Hyun Min 6)CHUNG Hee Yun

(57) Abstract :

A zoom lens barrel assembly including: a first zoom ring comprising a first protrusion; a guide ring disposed around the first zoom ring comprising a first guide slot through which the first protrusion passes and a second guide slot; a second zoom ring comprising a second protrusion and movable in an axial direction; a first cylinder comprising a guide groove into which the second protrusion inserts and a third protrusion passing through the second guide slot and disposed between the first and second zoom ring; a second cylinder disposed around the guide ring comprising a fourth protrusion a first groove portion into which the first protrusion inserts and a second groove portion into which the third protrusion inserts and supporting the first zoom ring and the first cylinder; and an external cylinder disposed around the second cylinder and comprising a third groove portion into which the fourth protrusion inserts.

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

(19) INDIA

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:G06F19/22	(71)Name of Applicant :
(31) Priority Document No	:61/434017	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:19/01/2011	Address of Applicant : High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/050255	(72)Name of Inventor :
Filing Date	:19/01/2012	1)MAKKAPATI Vishnu Vardhan
(87) International Publication No	:WO 2012/098515	2)DIMITROVA Nevenka
(61) Patent of Addition to Application	:NA	3)SINGH Randeep
Number	:NA	4)JAGLAN Sunil Kumar
Filing Date	.11/A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : METHOD FOR PROCESSING GENOMIC DATA

(57) Abstract :

The present invention relates to a method for processing a subject s genomic data comprising (a) obtaining a subject s genomic sequence; (b) reducing the complexity and/or amount of the genomic sequence information; and (c) storing the genomic sequence information of step (b) in a rapidly retrievable form. The present invention further relates to a method wherein the step of reducing the complexity and/or amount of the genomic sequence information is carried out by cropping said genomic sequence information except for signature data pertaining to a disease or disorder or by aligning a subject s genomic sequence with a reference sequence comprising signature data pertaining to a disease or disorder. Furthermore the invention relates to a method wherein the use of a subject s functional genetic information in particular gene expression data is included as well as to a method wherein the information is encoded in matrices and decoded and represented based on Markov chain processes. The obtained information can also be used for diagnosing detecting monitoring or prognosticating a disease and/or for the preparation of a subject s molecular history. In addition a corresponding clinical decision support and storage system preferably in the form of an electronic picture/data archiving and communication system is provided.

No. of Pages : 46 No. of Claims : 15

(22) Date of filing of Application :19/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SHAPE SENSING DEVICE SPECIFIC INFORMATION STORAGE AND RETRIEVAL

(57) Abstract :

A medical instrument system and method for calibration are provided. The instrument includes a body (202) and a shape sensing system (204) coupled to the body to permit determination of a shape of the body. A memory element (205 206) is coupled to the body and configured to store data associated with calibration of the body the data being readable through a cable (210) connectable to the body so that the data permits calibration of the body.

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

(22) Date of filing of Application :19/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : TEMPLATES FOR OPTICAL SHAPE SENSING CALIBRATION DURING CLINICAL USE

 classification (31) Priority Document No (32) Priority Date (33) Name of priority 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/IB2012/050246 :18/01/2012 :WO 2012/101551 :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)MANZKE Robert 2)RAMACHANDRAN Bharat 3)T HOOFT Gert Wim 4)DESJARDINS Adrien Emmanuel 5)VON BUSCH Heinrich 6)CHAN Raymond
Number	:NA :NA	

(57) Abstract :

A medical device calibration apparatus system and method include a calibration template (202) configured to position an optical shape sensing enabled interventional instrument (102). A set geometric configuration (206) is formed in or on the template to maintain the instrument in a set geometric configuration within an environment where the instrument is to be deployed. When the instrument is placed in the set geometric configuration the instrument is calibrated for a medical procedure.

No. of Pages : 22 No. of Claims : 30

(21) Application No.6762/CHENP/2013 A

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PRODUCING MANDELONITRILE COMPOUND

 (51) International classification (31) Priority Document No :2011088128 (32) Priority Date :12/04/2011 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (63) Patent of Number Filing Date (64) Patent of Number Filing Date (65) Divisional to SNA SNA SNA SNA SNA SNA SNA SNA SNA SNA	/00 (71)Name of Applicant : 1)SUMITOMO CHEMICAL COMPANY LIMITED Address of Applicant :27 1 Shinkawa 2 chome Chuo ku Tokyo 1048260 Japan (72)Name of Inventor : 1)TORIUMI Tatsuya
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(57) Abstract :

A method for producing a mandelonitrile compound represented by formula (2) which is characterized by comprising a step wherein a benzaldehyde compound represented by formula (1) and at least one substance selected from the group consisting of metal cyanides and hydrogen cyanide are reacted with each other in a solvent in the presence of a phase transfer catalyst.

No. of Pages : 54 No. of Claims : 13

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : QUATERNARY AMMONIUM SALT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D223/18,C07B53/00,C07B61/00 :2011024654 :08/02/2011 :Japan :PCT/JP2012/052572 :30/01/2012 :WO 2012/108367 :NA :NA :NA	 (71)Name of Applicant : 1)SUMITOMO CHEMICAL COMPANY LIMITED Address of Applicant :27 1 Shinkawa 2 chome Chuo ku Tokyo 1048260 Japan (72)Name of Inventor : 1)AIKAWA Toshiaki 2)IKEMOTO Tetsuya
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(57) Abstract :

A quaternary ammonium salt shown by formula (5) (in the formula R represents a C alkyl group; R represents a C alkyl group optionally substituted with one or more phenyl groups or a phenyl group optionally having one or more groups selected from the group consisting of a C alkyl group and a trifluoromethyl group; R represents a C alkyl group; R represents a C alkyl group; C represents an asymmetric carbon atom; and X represents a halide ion) can be used as a catalyst having superior stability under basic conditions.

No. of Pages : 54 No. of Claims : 7

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification :G06Q50/30 (71)Name of Applicant : (31) Priority Document No :13/044506 **1)FACEBOOK INC.** (32) Priority Date Address of Applicant :1601 Willow Road Menlo Park CA :09/03/2011 (33) Name of priority country 94025 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/028407 (72)Name of Inventor : Filing Date :09/03/2012 1)FOUGNER Jon Bernhard (87) International Publication No :WO 2012/122441 2)ZIGORIS Philip Anastasios (61) Patent of Addition to Application **3)RAJARAM Gokul** :NA Number 4)LI Ning :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : ENDORSEMENT SUBSCRIPTIONS FOR SPONSORED STORIES

(57) Abstract :

Methods apparatuses and systems directed to subscribing to a service for generating and delivering sponsored stories from an organic activity stream in a social networking site. A proxy bidder may aggressively proxy bid for the delivery of the sponsored stories based on a pacing algorithm and feedback loop monitoring the delivery level of sponsored stories.

No. of Pages : 38 No. of Claims : 21

(21) Application No.6247/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MOBILE DEVICE EMAIL DISPLAY PROCESSING METHOD SERVER AND MOBILE DEVICE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H04 W 4/12,H04 W 4/18,H04 L12/38 :201110026946.1 :25/01/2011	 (71)Name of Applicant : 1)HUAWEI DEVICE CO. LTD. Address of Applicant :Building B2 Huawei Industrial Base Bantian Longgang District Shenzhen Guangdong 518129 China (72)Name of Inventor :
(86) International Application No Filing Date	:PCT/CN2012/070452 :17/01/2012	1)PENG Jun
(87) International Publication No	:WO 2012/100694	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed are a mobile device email display processing method server and mobile device the email processing method comprises: checking the processing capability of a client after a server receives a request from the client for downloading email the processing capability is reported to the server by the client when connected to the server and the processing capability comprises supported encoding/decoding methods and character sets; the server converts the main body of the email to a format that can be processed by the client according to the processing capability of the client when the client does not have the capability to process the requested email to be downloaded; the server sends the converted email to the client for the client to display an attachment. The present invention solves the problem of mobile devices not able to display emails due to encoding/decoding or character set incompatibility in the prior art ensures the client of the mobile device is capable of displaying all emails thus improving email compatibility and the ease of use.

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

(21) Application No.6785/CHENP/2013 A

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : MOBILE TERMINAL AND OBJECT CHANGE SUPPORT METHOD FOR THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority 	:G06F3/0481,G06F3/14,H04W88/02 :1020110024763 :21/03/2011 :Republic of Korea	 (71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea (72)Name of Inventor :
country (86) International Application No Filing Date (87) International Publication No	:PCT/KR2012/000376 :17/01/2012	1)HEO Nam Jo 2)LEE Sang Yup 3)KIM Yong Seok 4)SON Kwang Sub
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A mobile terminal and a method of supporting an object change for the same are provided. The mobile terminal includes a display unit for outputting at least one object and a control unit for controlling at least one of directly displaying in response to a signal for changing the output object into a second object having a similar function but being of a different type than the output object the second object having a similar function and for outputting in response to a signal for changing the output object having a similar function but being of a different type than the output object into a second object having a similar function but being of a different type to a signal for changing the output object into a second object having a similar function but being of a different type than the output object a guide frame on the display unit so as to facilitate change of the output object without a screen transition.

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

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

(43) Publication Date : 26/09/2014

(54) Title of the invention : PATHOGENIC MYCOBACTERIA DERIVED MANNOSE CAPPED LIPOARABINOMANNAN ANTIGEN BINDING PROTEINS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07K16/12,G01N33/569,A61K39/40 :61/435396 :24/01/2011 :U.S.A. :PCT/SG2012/000022 :25/01/2012 :WO 2012/102679 :NA :NA :NA	 (71)Name of Applicant : 1)NATIONAL UNIVERSITY OF SINGAPORE Address of Applicant :21 Lower Kent Ridge Road Singapore 1)9077 Singapore 2)DSO NATIONAL LABORATORIES (72)Name of Inventor : 1)MACARY Paul Anthony 2)CHAN Conrad En Zuo 3)HANSON Brendon John 4)WENK Markus R
Application Number		

(57) Abstract :

Described herein are antigen binding proteins that bind to pathogenic mycobacteria derived Mannose Capped Lipoarabinomannan (ManLAM) and methods and kits for using and making the antigen binding proteins. Also described herein are antigen binding proteins that bind to the alpha 1 2 linkage mannose caps of ManLAM antigen binding proteins that bind to a mannose cap with up to three alpha 1 2 linked mannose residues and antigen binding proteins that bind to LAM with a mannose sugar capping motif.

No. of Pages : 101 No. of Claims : 116

(19) INDIA

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

(43) Publication Date : 26/09/2014

(51) International classification	:H04W8/24	(71)Name of Applicant :
(31) Priority Document No	:201110067982.2	1)ZTE CORPORATION
(32) Priority Date	:21/03/2011	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/CN2011/073038	(72)Name of Inventor :
Filing Date	:20/04/2011	1)HU Guangyu
(87) International Publication No	:WO 2012/126191	2)HUANG Cuirong
(61) Patent of Addition to Application	:NA	3)SHE Yanjin
Number	:NA	
Filing Date	.1177	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : MOBILE TERMINAL AND NETWORK UNLOCKING METHOD AND SYSTEM THEREOF

(57) Abstract :

A network unlocking method of a mobile terminal is provided by the present invention. The method includes that: after being used the mobile terminal locking the network transmits hardware information to a network sever (101); when the mobile terminal needs to unlock network logs in a web site providing the download of a network unlocking file the web site obtains the hardware information of the currently logging in mobile terminal and performs the hardware information match by the network server (103); when the match succeeds the mobile terminal downloads the network unlocking file from the web site and unlocks the network by using an unlocking code in the network unlocking file. A mobile terminal and a network unlocking system thereof are provided by the present invention. The technical solution of the present invention enables that the manner of unlocking the network is not influenced by changing the Subscriber Identity Module (SIM) card and is not restricted by whether the SIM card supports the manner of unlocking the network hence the requirements for the operator server are reduced.

No. of Pages : 22 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :13/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CONTROL SYSTEM		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:2011009722 :20/01/2011 :Japan	 (71)Name of Applicant : 1)NEC CASIO MOBILE COMMUNICATIONS LTD. Address of Applicant :1753 Shimonumabe Nakahara ku Kawasaki shi Kanagawa 2118666 Japan (72)Name of Inventor : 1)HAYASHI Masakazu

(57) Abstract :

Given that a clock feed unit (230) feeds a CPU (300) with the clock having the highest frequency from among frequencies associated with functions which operate on the CPU (300): when a switch to a function with a lower frequency than the presently fed frequency occurs a power feed device (500) feeds a power supply to the CPU (300) after the switch to the frequency associated with the function is completed at a voltage associated with the post switch frequency; and when a switch to a function with a higher frequency than the presently fed frequency occurs the clock feed unit (230) feeds a clock of a frequency associated with the function after a change to the voltage associated with the function is completed.

No. of Pages : 36 No. of Claims : 5

(22) Date of filing of Application :19/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : REFERENCE MARKERS FOR LAUNCH POINT IDENTIFICATION IN OPTICAL SHAPE SENSING SYSTEMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01B11/00,A61B19/00 :61/437160 :28/01/2011 :U.S.A. :PCT/IB2012/050321 :24/01/2012 :WO 2012/101575 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)RAMACHANDRAN Bharat 2)CHAN Raymond 3)MANZKE Robert
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(57) Abstract :

An optical shape sensing system employing an optical fiber (20) and one or more reference markers (41). Each reference marker (41) has an identifiable reference tracking position within a reference coordinate system (42). The optical fiber (20) has a reconstruction launch point (21) within the reference coordinate system (42) serving as a basis for an execution of a shape reconstruction of the optical fiber (20) within the reference coordinate system (42). The reconstruction launch point (21) of the optical fiber (20) has a known spatial relationship with each reference marker (41) to facilitate an identification of the reconstruction launch point (21) within the reference (42).

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

(19) INDIA

(22) Date of filing of Application :19/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : DEFIBRILLATOR PADDLES WITH LIGHTED SHOCK BUTTONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61N1/39,A61N1/04 :61/436668 :27/01/2011 :U.S.A. :PCT/IB2012/050318 :24/01/2012 :WO 2012/101573 :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)KOZIN Simon Edward 2)MATHESON Anthony
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An improved user interface for a defibrillator (100) capable of being used with paddle electrodes (180) and adhesive pad electrodes (190). A shock delivery button (110) located on the defibrillator control panel delivers a shock through the pad electrodes. A second shock delivery button (210) located on the paddle electrodes delivers a shock through the paddle electrodes. Both shock delivery buttons are configured with the same shape operation and illumination in order to reduce user confusion.

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

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PLANTS HAVING ENHANCED YIELD RELATED TRAITS AND PRODUCING METHODS 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 	:C12N15/82,A01H5/00,C07K14/415 :61/447119 :28/02/2011 :U.S.A. :PCT/IB2012/050878 :27/02/2012 ⁿ :WO 2012/117324 :NA :NA :NA	 (71)Name of Applicant : 1)BASF PLANT SCIENCE COMPANY GMBH Address of Applicant :67056 Ludwigshafen Germany 2)BASF (CHINA) COMPANY LIMITED (72)Name of Inventor : 1)LOUWERS Marieke 2)REUZEAU Christophe 3)SANZ MOLINERO Ana Isabel 4)HATZFELD Yves
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(57) Abstract :

Provided are a method for enhancing yield related traits in plants by modulating expression in a plant of a nucleic acid encoding a DUF642 (Protein containing a Domain of Unknown Function) polypeptide or an epimerase related like polypeptide or a phospholipase/carboxylesterase (PLPCase) polypeptide and plants having modulated expression of a nucleic acid encoding a DUF642 polypeptide or an epimerase related like polypeptide or a PLPCase polypeptide which plants have enhanced yield related traits relative to control plants. Also provided are DUF642 encoding nucleic acids or epimerase related like polypeptides or PLPCase encoding nucleic acids and constructs comprising the same useful in performing the methods for enhancing yield related traits in plants.

No. of Pages : 205 No. of Claims : 78

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR DYNAMIC TRANSMISSION POWER LIMIT BACK OFF FOR SPECIFIC ABSORPTION RATE COMPLIANCE

country10.6.1A.1)NGAI Francis M.(86) International Application No Filing Date:PCT/US2012/027759 :05/03/20122)FORRESTER John A.(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2012/1221163)VAIDYANATHAN Rema 4)GEORGE Brian M. 5)PANDEY Anshul 6)BHATTACHARJEE Supratik 7)JI Zhu(62) Divisional to Application Number Filing Date:NA :NA7)JI Zhu	a 92121 U.S.A.
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(57) Abstract :

This disclosure provides systems methods and apparatus for providing transmission power limit back off for Specific Absorption Rate (SAR) compliance. In one aspect a method implemented in a wireless communication apparatus is provided. The method includes receiving an indication of at least one operating mode indicative of a proximity and an orientation of at least one transmitting antenna of the wireless communication apparatus. The method further includes selecting from a plurality of transformations associated with the at least one operating mode. The method further includes applying a selected transformation to adjust a relationship between a power transmission level of a first transmitter and a power transmission level of a second transmitter. The method further includes determining a target power transmission level of the first transmitter based on the adjusted relationship and a current power transmission level of the second transmitter.

No. of Pages : 79 No. of Claims : 41

(21) Application No.6703/CHENP/2013 A

(22) Date of filing of Application :20/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PROMOTING PLANT GROWTH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) Priority Date (35) Priority Date (36) International Application No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application NA Number Filing Date (NA 	2)TAMAKI Hiroaki 3)IWAKOSHI Mitsuhiko 4)KUSAKA Shintaro
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(57) Abstract :

Disclosed is a method for promoting the growth of a plant comprising treating the plant with an effective amount of a compound represented by the following formula (1): wherein any one of R R R and R represents a trifluoromethyl group and the others represent a hydrogen atom or an agriculturally acceptable salt thereof.

No. of Pages : 47 No. of Claims : 12

(21) Application No.6704/CHENP/2013 A

(22) Date of filing of Application :20/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PROMOTING PLANT GROWTH

No :WO 2012/153860 (61) Patent of Addition to :NA Application Number :NA Filing Date :NA (62) Divisional to Application :NA Number :NA	 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:PCT/JP2012/062436 :09/05/2012 :WO 2012/153860 :NA :NA	 (71)Name of Applicant : 1)SUMITOMO CHEMICAL COMPANY LIMITED Address of Applicant :27 1 Shinkawa 2 chome Chuo ku Tokyo 1048260 Japan (72)Name of Inventor : 1)MUKUMOTO Fujio 2)TAMAKI Hiroaki 3)IWAKOSHI Mitsuhiko 4)KUSAKA Shintaro
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(57) Abstract :

Disclosed is a method for promoting the growth of a plant comprising treating the plant with an effective amount of a compound represented by the following formula (1): wherein any one of R R R and R represents a trifluoromethyl group the others represent a hydrogen atom and R represents a methyl group or an ethyl group.

No. of Pages : 52 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :20/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ZIPPER CHAIN WITH BOTTOM STOP AND PRODUCTION METHOD FOR SAID ZIPPER CHAIN (51) International classification :A44B19/60 (71)Name of Applicant : (31) Priority Document No **1)YKK CORPORATION** :2011014236 (32) Priority Date Address of Applicant :1Kanda Izumi choChiyoda ku Tokyo :26/01/2011 (33) Name of priority country :Japan 1018642 Japan (86) International Application No :PCT/JP2011/078810 (72)Name of Inventor: Filing Date :13/12/2011 1)TOMOHIROAkira (87) International Publication No :WO 2012/101919 2)KONAKAToshimasa (61) Patent of Addition to Application 3)OHSUGIShintaro :NA Number 4)OGYUTakayuki :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Provided are: a zipper chain with a bottom stop capable of increasing the reinforcing strength of the bottom stop attachment section without using reinforcing tape and capable of preserving aesthetics; and a production method for the zipper chain. The zipper chain with the bottom stop has at the attachment sites for the bottom stop (106) reinforcing sections (107a 107b) that are impregnated with curable adhesives (205 308 402) and cured and have a misalignment strength therein of 100 N min. The production method for the zipper chain with the bottom stop includes: a step (A) that prepares the zipper chain having a plurality of inter element gaps; a step (B) that attaches the bottom stop to each inter element gap; a step (C) that impregnates each inter element gap before or after the step (B) with a curable adhesive having a viscosity of 100 2 000 mPa·S; and a step (D) that cures the curable adhesive impregnated into the inter element gaps in the step (C).

No. of Pages : 46 No. of Claims : 15

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHODS AND APPARATUS FOR REDUCING POWER CONSUMPTION ASSOCIATED WITH PERFORMING RESELECTION IN A MULTI RAT SYSTEM

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:61/468460 :28/03/2011 :U.S.A.	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor : 1)SWAMINATHAN Arvind 2)BALASUBRAMANIAN Srinivasan 3)MAHAJAN Amit
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(57) Abstract :

Certain aspects of the present disclosure propose methods and apparatuses for reducing power consumption associated with performing reselection between radio access technologies (RATs). For example a network that supports first and second RATs may obtain a list of neighbor base stations of a third RAT and determine whether to transmit the neighbor list on the first RAT the second RAT or both. In another aspect a user equipment (UE) may combine information from the neighbor lists received from the first and the second RATs and decide whether to take measurements in the third RAT based on the combined information. The UE may also maintain a central entity with measurements taken in the third RAT based on the neighbor lists received from the first and the second RATs and decide whether to perform cell reselection based on measurements in the central entity.

No. of Pages : 43 No. of Claims : 62

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ACC	CELERATOR FOR CURING RES	INS
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application N Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:21/03/2012	 (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)REIJNDERS Johannes Martinus Gerardus Maria 2)KOERS Frederik Willem Karel 3)TALMA Auke Gerardus

(57) Abstract :

Accelerator solution suitable for forming a redox system with peroxides comprising (i) a compound of a first transition metal selected from manganese and copper (ii) a compound of a second transition metal; the weight ratio of first transition metal : second transition metal being in the range 3:1 to 200:1 (iii) a nitrogen containing base and (iv) a hydroxy functional solvent with the proviso that the accelerator solution does not contain ascorbic acid.

No. of Pages : 19 No. of Claims : 15

(21) Application No.5829/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/07/2013

(43) Publication Date : 26/09/2014

(51) International classification	:B41J2/175,B41J2/045	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HEWLETT PACKARD DEVELOPMENT COMPANY
(32) Priority Date	:NA	L.P.
(33) Name of priority country	:NA	Address of Applicant :11445 Compaq Center Drive W.
(86) International Application No	:PCT/US2011/026215	Houston Texas 77070 U.S.A.
Filing Date	:25/02/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/115654	1)LEBRON Hector Jose
(61) Patent of Addition to Application	:NA	2)ANDERSON Spencer C.
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : PRINTING SYSTEM AND RELATED METHODS

(57) Abstract :

In one embodiment a printing system includes a printhead module that has a printhead and a regulator chamber. The regulator chamber contains ink and a regulator air bag. The regulator air bag and the printhead are in fluid communication with the ink and the printhead includes a plurality of ejection nozzles. The printing system includes a pressure source to inflate the air bag thereby displacing an amount of ink sufficient to agitate menisci in the ejection nozzles without pushing ink out of the nozzles.

No. of Pages : 25 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :05/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:A47B47/00	(71)Name of Applicant :
(31) Priority Document No	:61/443476	1)BLASE Gaynell
(32) Priority Date	:16/02/2011	Address of Applicant :5868 Westheimer No. 131 Houston
(33) Name of priority country	:U.S.A.	Texas 77057 U.S.A.
(86) International Application No	:PCT/US2012/025359	(72)Name of Inventor :
Filing Date	:16/02/2012	1)BLASE Gaynell
(87) International Publication No	:WO 2012/112739	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : CUSTOMIZABLE EXPANDABLE STORAGE SYSTEMS FOR THE HOME

(57) Abstract :

A modular storage system is described. A module includes a back panel a left and a right side panel and a top and a bottom panel. The side panels have a substantially flat outer side and a ridged inner side comprised of alternating evenly spaced pins and tails. Multiple modules are connected to each other through various connector means that slidably insert into the tails of the side panels. Various storage inserts are slidably insertable into the tails of the side panels. The configuration of the modules and the inserts are customizable.

No. of Pages : 35 No. of Claims : 22

(22) Date of filing of Application :05/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MULTILAYER STATIC GASKET WITH SECONDARY COMPRESSION LIMITER		
 (54) Title of the invention : MULTILAYE (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F16J15/08 :61/438361 :01/02/2011 :U.S.A.	 (71)Name of Applicant : (71)FEDERAL MOGUL CORPORATION Address of Applicant :26555 Northwestern Highway Southfield MI 48033 U.S.A. (72)Name of Inventor : 1)OKANO Takashi 2)KOHLER Hubert
Filing Date	:NA	

(57) Abstract :

A multilayer metal static cylinder head gasket (10) for establishing a gas/fluid tight seal between a cylinder head (33) and an engine block (34) includes a pair of functional layers (12 14) having openings (24) configured to register with a combustion chamber (28) and annular seal beads (30) configured to form a seal about the openings. The gasket further includes a primary compression limiter (32) formed of a separate piece of material (321) from the functional layers. The primary compression limiter extends at least partially about the openings to facilitate inhibiting the seal beads from being fully flattened between the cylinder head and the engine block. The pair of functional layers have nested protrusions (38) forming a secondary compression limiter (36) spaced radially outwardly from the primary compression limiter (32) to further inhibit the seal beads from being fully flattened between the cylinder head and the engine block.

No. of Pages : 16 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C12N15/63 :61/467873 :25/03/2011 :U.S.A. :PCT/US2012/030602	 (71)Name of Applicant : 1)PROTERRO INC. Address of Applicant :103 Carnegie Center Suite 100 Princeton New Jersey 08540 U.S.A. (72)Name of Inventor :
Filing Date (87) International Publication No	:26/03/2012 :WO 2012/135137	1)TURNER Robert J. 2)SERSHON Valerie
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)AIKENS John 4)HOLZLE Denise
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : REGULATED GENE EXPRESSION SYSTEMS AND CONSTRUCTS THEREOF

(57) Abstract :

The present disclosure is directed to compositions and methods for nitrogen sensitive regulation of expression of a transcribable nucleic acid molecule. One aspect provides a nitrogen sensitive expression system that includes a transcription factor region comprising an NtcA binding site and a core promoter region comprising a RuBisCo promoter or a variant or a functional fragment thereof. Another aspect provides a method of transforming a host cell with an expression system. Also provided are expression cassettes transformed host cells and kits.

No. of Pages : 628 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESS FOR REMOVING CONTAMINANTS FROM GAS STREAMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:31/01/2012 :WO 2012/106279 :NA :NA :NA	 (71)Name of Applicant : 1)LINDE AKTIENGESELLSCHAFT Address of Applicant :Klosterhofstr. 1 80331 Munich Germany (72)Name of Inventor : 1)SUCHAK Naresh
Filing Date	:NA	

(57) Abstract :

The present invention provides for process for inhibiting the levels of nitrogen oxides in process gas streams from sulfuric acid regeneration and sulfuric acid production plants. Partial oxidation of the nitrogen oxides is achieved by feeding a sub stoichiometric amount of ozone as to nitrogen oxides to the process gas stream.

No. of Pages : 32 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :05/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A PRESENCE DETECTION SYSTEM AND A LIGHTING SYSTEM. (51) International classification :G01S5/16,G01S17/48 (71)Name of Applicant : (31) Priority Document No 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. :11150073.2 (32) Priority Date Address of Applicant : High Tech Campus 5 NL 5656 AE :04/01/2011 (33) Name of priority country Eindhoven Netherlands :EPO (72)Name of Inventor : (86) International Application No :PCT/IB2011/056002 **1)VAN DOOREN Marieke** Filing Date :29/12/2011 (87) International Publication No :WO 2012/093323 2)JOHNSON Mark Thomas (61) Patent of Addition to Application **3)CENNINI Giovanni** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A presence detection systemfor detecting presence of a living being (2) within an area (4) the systemcomprising a first light source (6a) providing light of a first spectrum a first sensing means (8a;10a) which is arranged to filter the light of the first spectrum. The first sensing means produces a first presence detection signal (12a) based on the light of the first spectrumoriginated from the first light source and reflected from the living being (2). The presence detection system comprises a processor device (14) for concluding the living being s presence within the area (4) based on the first presence detection signal (12a). The processor device provides a position (22a) of the living being (2) within the area based on the intensityofthe first presence detection signal (12a) and based on the known position of the first light source (6a) within the area (4). The invention further relates to a lighting system comprising the above described presence detection system.

No. of Pages : 18 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :05/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : UV EMITTING PHOSPHORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:PCT/IB2011/055626 :13/12/2011 ¹ :WO 2012/093298	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands 2)PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH (72)Name of Inventor : 1)GREUEL Georg 2)PLEWA Julian 3)BETTENTRUP Helga 4)JUESTEL Thomas
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention provides a wavelength converting material comprising a compound of the formula (YScLaGdLu)(S04): Me wherein Me represents trivalent cation or a mixture of trivalent cations capable of emitting UV C radiation and wherein each of w x y and z is in the range of from 0.0 to 1.0 and w+x+y+z = 1.0 and wherein 0.0005 = a = 0.2. The wavelength converting material may be applied in an illumination device for UV illumination in particular for sterilization or disinfection by germicidal UV illumination.

No. of Pages : 28 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :05/08/2013

(43) Publication Date : 26/09/2014

:F22B1/28,F22B37/54	(71)Name of Applicant :
:11150008.8	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
:03/01/2011	Address of Applicant : High Tech Campus 5 NL 5656 AE
:EPO	Eindhoven Netherlands
:PCT/IB2011/056027	(72)Name of Inventor :
:30/12/2011	1)DATE Milind Vishwas
:WO 2012/093328	2)VALIYAMBATH KRISHNAN Mohankumar
•NT A	
.INA	
:NA	
:NA	
	:11150008.8 :03/01/2011 :EPO :PCT/IB2011/056027 :30/12/2011 :WO 2012/093328 :NA :NA :NA

(54) Title of the invention : AN APPARATUS FOR GENERATING STEAM

(57) Abstract :

The present invention relates to an apparatus for generating steam comprising a water heating chamber in which water is heated to generate steam. The apparatus also includes a cavity having an inlet communicating with the water heating chamber so that water in the water heating chamber is received in the cavity and a sealable outlet. The cavity is configured to limit the flow of convection currents in the water received in the cavity so that scales and/or solid particles suspended in the water accumulate in the cavity. Alternatively a guide member is disposed at the inlet to the cavity which is configured to guide scales and/or solid particles suspended in the water into the cavity.

No. of Pages : 23 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :09/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR AUTHENTICATING DEVICES IN A SENSOR WEB NETWORK

(51) International classification	:H04W12/06	(71)Name of Applicant :
(31) Priority Document No	:61/445267	1)FEDEX CORPORATE SERVICES INC.
(32) Priority Date	:22/02/2011	Address of Applicant :30 Fedex Pkwy 1st Fl. Vertical
(33) Name of priority country	:U.S.A.	Collierville TN 38017 U.S.A.
(86) International Application No	:PCT/US2012/023732	(72)Name of Inventor :
Filing Date	:03/02/2012	1)SKAAKSRUD Ole Petter
(87) International Publication No	:WO 2012/115761	2)AINSWORTH Miley
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
6	·NT A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided a method for distributing sensor data. The method includes receiving from a requesting device a request to access first sensor collectable data associated with at least one package. The requesting device is authenticated to access the first sensor collectable data. And when second sensor collectable data is associated with a predetermined value the method also includes denying the request for access.

No. of Pages : 30 No. of Claims : 30

(21) Application No.6853/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :26/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:F16J15/32	(71)Name of Applicant :
(31) Priority Document No	:61/453577	1)FEDERAL MOGUL CORPORATION
(32) Priority Date	:17/03/2011	Address of Applicant :26555 Northwestern Highway
(33) Name of priority country	:U.S.A.	Southfield MI 48033 U.S.A.
(86) International Application No	:PCT/US2012/029614	(72)Name of Inventor :
Filing Date	:19/03/2012	1)SEDLAR Brent R.
(87) International Publication No	:WO 2012/125992	2)TOTH David M.
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.1NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : LOW TORQUE RADIAL SHAFT SEAL ASSEMBLY

(57) Abstract :

A shaft seal assembly includes a metal case having an annular leg extending radially inwardly to a free end with opposite oil and air sides of the leg facing respective oil and air sides of the seal assembly. An elastomeric material bonded to the leg forms a main body adjacent the free end and a primary seal lip radially inwardly from the main body. The primary seal lip has a sealing surface that extends between an air side end and free oil side end. The air side end is attached to an annular bridge via a first hinge and the bridge is operably attached to the main body via a second hinge. The first and second hinges each have a thickness that is less than a thickness of the bridge and the thickness of the first hinge is less than a thickness of the primary seal lip.

No. of Pages : 22 No. of Claims : 12

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESSES FOR MAKING CRUSH RECOVERABLE POLYMER SCAFFOLDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61F2/90 :13/090164 :19/04/2011 :U.S.A. :PCT/US2012/029556 :16/03/2012 :WO 2012/145106 :NA :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)NGO Michael H. 2)TROLLSAS Mikael 3)PAPP John E. 4)NGUYEN Hung T. 5)JAYASINGHE Dudley 6)FARNBACH Ron 7)ORR Gregory C. 8)SMITH Joshua 9)XIE Yongjin 10)KU Yu Chun
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(57) Abstract :

Methods for making scaffolds for delivery via a balloon catheter are described. The scaffold after being deployed by the

balloon provides a crush recovery of about 90% after the diameter of the scaffold has been pinched or crushed by 50%. The scaffold structure has patterns that include an asymmetric or symmetric closed cell and links connecting such closed cells.

No. of Pages : 76 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		 (71)Name of Applicant : 1)ANDRITZ INC. Address of Applicant :One Namic Place Glens Falls NY 12801 U.S.A. (72)Name of Inventor : 1)IOHANSON Lengy P
Filing Date	:12/03/2012	1)JOHANSON Jerry R.
(87) International Publication No	:WO 2012/134791	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : REACTOR VESSEL HAVING SINGLE CONVERGENCE SIDEWALL PLATES

(57) Abstract :

A reactor vessel including: an upper inlet and a bottom discharge; a generally vertically oriented sidewall between the upper inlet and bottom discharge wherein the sidewall defines a perimeter of an interior flow passage in the vessel; a first pair of support plates arranged on opposite sides of the sidewall wherein the first pair of support plates reduces a cross sectional flow area of the flow passage in a first single direction of convergence and a second pair of support plates arranged on opposite sides of the side wall wherein the second pair of support plates reduces a cross sectional flow area of the flow convergence wherein the second single direction is angularly offset to the first single direction and the second pair of support plates is at a different elevation of the vessel than the first pair of support plates.

No. of Pages : 24 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : LAMINATED POLYESTER FILM MOLDING MEMBER COMPACT AND MANUFACTURING METHOD THEREOF

(31) Priority Document No:201105001(32) Priority Date:08/03/2011(33) Name of priority country:Japan	M11Address of Applicant :1 1 Nihonbashi Muromachi 2 chome Chuo ku Tokyo 1038666 Japan2012/055400(72)Name of Inventor : 1)OGATA Masami
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(57) Abstract :

Provided are a laminated polyester film a molding member and a compact obtained using the laminated polyester film and a manufacturing method thereof. The film has a layer (X) (0) comprising an acrylic urethane copolymer resin (A) an isocyanate compound (B) an epoxy compound (C) a compound (d 1) having a polythiophene structure and a compound (d 2) having an anion structure the layer being provided on at least one surface of a polyester film (3) and the layer (X) having a continuous phase structure. The present invention can provide a laminated polyester film having excellent transparency adhesiveness to a printed layer or a hard coat layer anti static properties and post molding adhesiveness or anti static properties and can also provide a molding member and a compact obtained using the laminated polyester film.

No. of Pages : 115 No. of Claims : 19

(22) Date of filing of Application :26/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : COMBINATION STRUCTURE OF FRAME MEMBER AND VIEWING COVER FOR FOOD CONTAINER COVER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:PCT/KR2012/001421 :24/02/2012	 (71)Name of Applicant : 1)KOREA ALPHALINE CO. LTD. Address of Applicant :435 5 Dunchon dong Kangdong ku Seoul 134 060 Republic of Korea (72)Name of Inventor : 1)WANG Soo chang
(87) International Publication	¹ :WO 2012/121500	
(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 combination structure of a viewing cover and a frame member for a food container cover. The combination structure includes: a viewing cover having a combining slot which has a uniform depth and extends along a periphery of a surface of a viewing cover body and an engaging flange extending outward at a position above the combining slot; and a frame member including a plurality of locking wings connected to a frame member body via a living hinge a wall portion extending upward from the living hinge by a predetermined height and an engaging hook provided on an inner surface of the wall portion. The engaging flange is engaged with an upper portion of the engaging hook.

No. of Pages : 12 No. of Claims : 5

(22) Date of filing of Application :26/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : HIGH STRENGTH STEEL SHEET EXERTING EXCELLENT DEEP DRAWABILITY AT ROOM TEMPERATURE AND WARM TEMPERATURES AND METHOD FOR WARM WORKING SAME

(51) Internationalclassification(31) Priority Document No(32) Priority Data	:C22C38/06,C22C38/58,B21D22/20 :2011045163 :02/03/2011	1)KABUSHIKI KAISHA KOBE SEIKO SHO(KOBE STEEL LTD.)
 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	7 :Japan - :PCT/JP2012/054838 :27/02/2012	Address of Applicant :10 26 Wakinohama cho 2 chome Chuo ku Kobe shi Hyogo 6518585 Japan (72)Name of Inventor : 1)MURAKAMI Toshio 2)KAKIUCHI Elijah
(87) International Publication No	:WO 2012/118040	3)HATA Hideo 4)ASAI Tatsuya
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)MIZUTA Naoki
(62) Divisional to Application Number Filing Date	ⁿ :NA :NA	

(57) Abstract :

This high strength steel sheet has a component composition containing in mass% 0.02 to 0.3% C 1 to 3% Si 1.8 to 3% Mn 0.1% or less P 0.01% or less S 0.001 to 0.1% Al and 0.002 to 0.03% N the remainder being iron and impurities. The high strength steel sheet has a structure containing in terms of area ratio relative to the entire structure each of the following phases: 50 to 85% beinitic ferrite; 3% or more retained austenite (); 10 to 45% martensite and the aforementioned retained austenite (); and 5 to 40% ferrite. The ratio between the Mn concentration (Mn) in the retained austenite () and the average Mn concentration (Mn) in the entire structure is 1.2 or more (Mn/Mn) based on the Mn concentration distribution obtained by means of EPMA line analysis. As a consequence the high strength steel sheet exhibits strength of 980 MPa or more and exerts excellent deep drawability.

No. of Pages : 26 No. of Claims : 4

(22) Date of filing of Application :15/07/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : POLYETHER POLYURETHANES EXHIBITING ENHANCED SLIP RESISTANCE UNDER WET CONDITIONS

(51) International classification	:C08G18/32,C08G18/40,C08G18/48	(71)Name of Applicant : 1)DOW GLOBAL TECHNOLOGIES LLC
(31) Priority Document No	:MI2011A000062	Address of Applicant :2040 Dow Center Midland MI 48674
(32) Priority Date	:24/01/2011	U.S.A.
(33) Name of priority country	/:Italy	(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication 	:PCT/EP2012/050963 :23/01/2012 :WO 2012/101086 A1	1)SCUSSOLIN Silvia 2)BENVENUTI Andrea
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A polyurethane foam is prepared by combining a polyether triol with a hydroxyl value of from 25 to 30 and a molecular weight from 5000 to 7000 g/mol; a polyether diol with a hydroxyl value of from 25 to 30 and a molecular weight from 3000 to less than 5000 g/mol; a chain extender mixture including 1 4 butanediol and at least one of monoethylene glycol hexanediol neopentyl glycol and isomers thereof; a copolymer polyether polyol having a styrene acrylonitrile solids content of at least 38 wt% and an average hydroxyl number of at least 23; an isocyanate component; and a blowing agent. It is particularly suitable for shoe sole applications where it exhibits improvement in slip resistance under wet conditions when compared with some other polyether polyurethane formulations.

No. of Pages : 22 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :16/12/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : EPOXY RESIN COMPOSITIONS USING SOLVATED SOLIDS (51) International classification :A61B (71)Name of Applicant : (31) Priority Document No 1)AIR PRODUCTS AND CHEMICALS, INC. :61/738,653 (32) Priority Date Address of Applicant :7201 HAMILTON BOULEVARD. :18/12/2012 (33) Name of priority country ALLENTOWN, PA 18195-1501 U.S.A. :U.S.A. (86) International Application No :NA (72)Name of Inventor : 1)PATEL, PRITESH G. Filing Date :NA (87) International Publication No : NA 2)TIJSMA, EDZE JAN (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

An epoxy resin composition having a curing component and an epoxy component is disclosed. The curing component includes an amount of about 8% to about 70% by weight of the composition of a primary curing agent and about 0.001% to about 5% by weight of the composition of a secondary curing agent. The present disclosure includes the use of solid secondary curing agents, in particular solvated secondary curing agents, and methods to formulate such a solvated solid to result in a liquid curing component. The epoxy composition also includes about 30% to about 92% by weight of the composition of the epoxy component. A number of equivalents of reactive curative groups in the curing component is from about 0.50 to 0.98 times the number of epoxide equivalents present in the epoxy component. An epoxy product formed from the epoxy resin composition is also disclosed.

No. of Pages : 36 No. of Claims : 40

(19) INDIA

(22) Date of filing of Application :05/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A LASER MARKED 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 	:PCT/US2012/022912 :27/01/2012 :WO 2012/103441 :NA :NA	 (71)Name of Applicant : 1)CRANE & CO. INC Address of Applicant :30 South Street Dalton MA 01226 U.S.A. 2)VISUAL PHYSICS LLC 3)CRANE AB (72)Name of Inventor : 1)CAPE Samuel M. 2)GOSNELL Jonathan D. 3)HELMINEN Kaj Markkus 4)JORDAN Gregory R. 5)PALM Scott K. 6)PRETT Giles D. 7)SCHNEIDER Timothy W. 8)ZUCCHERO Anthony J.
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(57) Abstract :

An optical device projecting one or more synthetically magnified images that has been laser marked with one or more static two dimensional (2D) images is provided. The static 2D image(s) laser marked on or within this device and the synthetically magnified image(s) projected by this device help determine the authenticity of a document (e.g. passport data page) or product that employs it. Several embodiments of the inventive device also offer increased resistance to tampering or alteration and wear.

No. of Pages : 37 No. of Claims : 46

(21) Application No.6327/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : INTEGRATED RECIRCULATING FUEL CELL SYSTEM

 (51) International classificatio (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/US2011/054710 :04/10/2011 :WO 2012/112193 :NA :NA	 (71)Name of Applicant : 1)ALTERGY SYSTEMS Address of Applicant :140 Blue Ravine Road Folsom California 95630 U.S.A. (72)Name of Inventor : 1)GARRETTSON Glen 2)GRUPP David 3)DABEL Jeremy
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(57) Abstract :

A PEM fuel system includes a fuel cell stack comprising one or more PEM fuel cells and fan configured to provide process air to supply oxidizer to and cool the fuel cell stack. The system has an air duct coupled to the fan and the fuel cell stack and an electrical service load coupled to the fuel cell stack for receiving electrical power generated from reactions within the fuel cell stack. The system further includes as auxiliary electrical load coupled to the fuel cell stack and located within the air duct to reduce potentials across the fuel cell stack. The air duct is configured to direct the flow of air to the fuel cell stack and auxiliary electrical load to provide cooling air to the fuel cell stack and auxiliary electrical load.

No. of Pages : 35 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :26/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR WIRELESS COMMUNICATION IN SUB GIGAHERTZ BANDS (51) International classification :H04L27/26 (71)Name of Applicant : (31) Priority Document No **1)QUALCOMM INCORPORATED** :61/449582 (32) Priority Date Address of Applicant :Attn: International IP Administration :04/03/2011 (33) Name of priority country 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/027762 (72)Name of Inventor : 1)TAGHAVI NASRABADI Mohammad Hossein Filing Date :05/03/2012 (87) International Publication No :WO 2012/122119 2)VERMANI Sameer (61) Patent of Addition to Application 3)YANG Lin :NA Number **4)SAMPATH Hemanth** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Systems methods and devices for wireless communication. In one aspect an apparatus for wireless communication is provided. The apparatus includes a receiver configured to receive a wireless signal comprising a packet. At least a portion of the wireless signal is configured to be received over a bandwidth lower than or equal to 1.25 MHz. The packet is formed from at least one orthogonal frequency division multiplexing (OFDM) symbol comprising thirty two tones. The thirty two tones correspond to frequency subcarriers within the bandwidth. The thirty two tones of the at least one OFDM symbol are allocated as: twenty four data tones two pilot tones five guard tones and one direct current (DC) tone. The apparatus includes a processor configured to evaluate the wireless signal. The processor includes a transform module configured to convert the at least one OFDM symbol into a frequency domain signal using a thirty two point mode.

No. of Pages : 71 No. of Claims : 74

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 26/09/2014

(51) International classification :C07K16/40 (71)Name of Applicant : (31) Priority Document No :11305088.4 **1)SANOFI** (32) Priority Date Address of Applicant :54 rue La Botie F 75008 Paris France :28/01/2011 (33) Name of priority country (72)Name of Inventor: :EPO (86) International Application No **1)HANOTIN** Corinne :PCT/EP2012/051320 Filing Date :27/01/2012 2)BESSAC Laurence (87) International Publication No :WO 2012/101252 **3)CHAUDHARI Umesh** (61) Patent of Addition to Application :NA Number :NA Filing Date

:NA

:NA

(54) Title of the invention : HUMAN ANTIBODIES TO PCSK9 FOR USE IN METHODS OF TREATING PARTICULAR **GROUPS OF SUBJECTS**

(57) Abstract :

Filing Date

The present invention relates to methods for treating diseases or conditions in which proprotein convertase subtilisin/kexin type 9 (PCSK9) expression or activity causes an impact by administration of PCSK9 specific antibodies or antigen binding fragments thereof and preferably by additional administration of an inhibitor of 3 hydroxy 3 methyl glutaryl CoA reductase (HMG CoA reductase). The present invention further relates to PCSK9 specific antibodies or antigen binding fragments thereof for use in the treatment of diseases or conditions in which PCSK9 expression or activity causes an impact. The present invention also relates to articles of manufacture comprising packaging material PCSK9 specific antibodies or antigen binding fragments thereof and a label or packaging insert indicating which groups of patients can be treated with said antibodies or fragments which groups of patients must not be treated with said antibodies or fragments and which dosage regimen should be used. The present invention further relates to methods of testing the efficacy of PCSK9 specific antibodies or antigen binding fragments thereof for the treatment of certain diseases or conditions and for the treatment of specific sub groups of patients.

No. of Pages : 428 No. of Claims : 29

(62) Divisional to Application Number

(19) INDIA

(22) Date of filing of Application :26/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : BRIDGED PIPERIDINE DERIVATIVES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:11136587.5 :02/03/2011 :EPO :PCT/EP2012/053301 :28/02/2012 :WO 2012/116965	 (71)Name of Applicant : 1)F. HOFFMANN LA ROCHE AG Address of Applicant :Grenzacherstrasse 124 CH 4070 Basel Switzerland (72)Name of Inventor : 1)BAUMANN Karlheinz 2)GREEN Luke 3)LIMBERG Anja 4)LUEBBERS Thomas 5)THOMAS Andrew
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(57) Abstract :

The present invention relates to compounds of formula (1); hetaryl I is a five or six membered heteroaryl group containing 1 to 3 heteroatoms selected from S or N; hetaryl II is a six membered heteroaryl group containing 1 to 3 heteroatoms selected from S or N or is a two membered ring system containing 1 to 4 heteroatoms selected from S or N wherein at least one ring is aromatic in nature; R is lower alkyl lower alkyl substituted by halogen or halogen; R is lower alkyl lower alkyl substituted by halogen halogen lower alkoxy cycloalkyl substituted by lower alkyl or lower alkyl substituted by halogen or is lower alkyl substituted by hydroxy or is furyl or is O benzyl (CH2)p phenyl optionally substituted by halogen lower alkoxy lower alkyl substituted by halogen lower alkyl or by cyano; R is hydrogen or lower alkyl; Y is (CH)n CHOCH CHO CHS CHSCH and is bonded to two of the ring carbon atoms bonding being to either the ring carbon atoms a and b or the ring carbon atoms c and d; p is 0 or 1; m is 0 1 or 2; if m is 2 then R may be the same or different; 75 n is 2 or 3; o is 0 1 or 2 if o is 2 then R may be the same or different; or to pharmaceutically active acid addition salts thereof. The present compounds of formula I are modulators for amyloid beta and thus they may be useful for the treatment or prevention of a disease associated with the deposition of amyloid in the brain in particular Alzheimers disease and other diseases such as cerebral amyloid angiopathy hereditary cerebral hemorrhage with amyloidosis Dutch type (HCHWA D) multi infarct dementia dementia pugilistica and Down syndrome.

No. of Pages : 75 No. of Claims : 20

(22) Date of filing of Application :26/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : POLYESTER COMPOSITION AND FILM USING SAME SHEET LIKE STRUCTURE ELECTRIC INSULATION SHEET AND SOLAR CELL BACK SHEET AND MANUFACTURING METHODS THEREFOR

(51) International classification(31) Priority Document No(32) Priority Date	:C08L67/00,C08G63/83,C08J5/18 :2011048108 :04/03/2011	 (71)Name of Applicant : 1)Toray Industries Inc. Address of Applicant :1 1 Nihonbashi Muromachi 2 chome
(33) Name of priority country	:Japan	Chuo ku Tokyo 1038666 Japan
 (86) International Application No Filing Date (87) International Publication No 	:PCT/JP2012/055061 :29/02/2012 :WO 2012/121076	 (72)Name of Inventor : 1)SUZUKI Tadamasa 2)AOYAMA Shigeru 3)KOJIMA Hiroji 4)TAKAHASHI Kozo
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

Provided is a polyester composition having polyester as a main component. The polyester composition is characterized by: comprising phosphoric acid and an alkali metal phosphate with a phosphorous element content P (mol/t) at 1.8 mol/t 5.0 mol/t with respect to the whole polyester composition; containing one type of metal element of either Mn and Ca with the respective contents of divalent metal elements other than Mn and Ca of 5 ppm or lower with respect to the whole polyester composition; wherein if the alkali metal element content with respect to the whole polyester composition is M1 (mol/t) and the total sum of the Mn element content and the Ca element content with respect to the whole polyester composition is M2 (mol/t) a metal content M (mol/t) and the phosphorous element content P (mol/t) in the polyester composition found using formula (i) satisfy formula (ii). (i) M=M1/2+M2 (ii) 1.1=M/P=3.0. Further provided is a film using the polyester compound a sheet like structure an electric insulation sheet and a solar cell back sheet for use with the polyester composition and manufacturing method therefor. The polyester composition and the film the sheet like structure the electric insulation sheet and the solar cell back sheet using the polyester composition exhibit excellent heat resistance and moist heat resistance.

No. of Pages : 97 No. of Claims : 12

(22) Date of filing of Application :22/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD OF PRODUCING OPTICALLY ACTIVE 1 AMINO 2 VINYLCYCLOPROPANE CARBOXYLIC ACID ESTER

(32) Priority Date :10/03/2011 (72	Address of Applicant :27 1 Shinkawa 2 chome Chuo ku Tokyo 1048260 Japan (72) Name of Inventor : 1)AIKAWA Toshiaki
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(57) Abstract :

In this method of producing optically active 1 amino 2 vinylcyclopropane carboxylic acid ester a 1 amino 2 vinylcyclopropane carboxylic acid ester and an optically active tartaric acid or an optically active camphorsulfonic acid are reacted in a solvent one diastereomeric salt of the obtained diastereomeric salt mixture is isolated and the isolated diastereomeric salt is treated with an inorganic acid or a base. Thereby it is possible to obtain an optically active 1 amino 2 vinylcyclopropane carboxylic acid ester with high optical purity.

No. of Pages : 75 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :22/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MODIFIED STARCHES FOR USE IN PERSONAL CARE APPLICATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K8/73,A61Q19/00 :61/439116 :03/02/2011 :U.S.A. :PCT/EP2012/051726 :02/02/2012 :WO 2012/104362 :NA :NA :NA :NA	 (71)Name of Applicant : 1)AKZO NOBEL CHEMICALS INTERNATIONAL B.V. Address of Applicant :Stationsstraat 77 NL 3811 MH Amersfoort Netherlands (72)Name of Inventor : 1)RUSSELL Michael 2)MARTINO Gary Theodore 3)HORN Kendrick H. 4)BRANNING Shawn R.
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(57) Abstract :

The present invention details the use of starch silicate and starch siliconates in personal care formulations to enhance or provide aesthetic properties to skin care products. These properties can range from smoothness and silky feel to non greasy and non oily. These starch derivatives provide an alternative to organically modified starches which can be expensive to prepare and require the addition of inorganic salts to functionalize the reagents.

No. of Pages : 29 No. of Claims : 14

(22) Date of filing of Application :27/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : POLYETHER HYBRID EPOXY CURATIVES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:04/03/2011 :EPO :PCT/US2012/023763 :03/02/2012 :WO 2012/121822 :NA :NA :NA	 (71)Name of Applicant : 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)AUDENAERT Frans A. 2)HUTCHINSON Martin A. 3)ROBINSON Ian
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:WO 2012/121822 :NA :NA	

(57) Abstract :

This invention relates to a polyether amido amine com pound obtainable by a two step reaction of a poly etheramine with an alkyl acrylate and a polyalkyle neimine whereas the polyetheramine and the polyalkyleneimine have at least one primary or secondary amine group in which the first step comprises the reaction of the polyetheramine with the alkyl acrylate and the second step comprises the reaction of the polyetheramine and the second step comprises the reaction of the polyetheramine and the alkyl acrylate and the second step comprises the reaction of the polyetheramine with the alkyl acrylate and the second step comprises the reaction of the polyetheramine with the alkyl acrylate and the second step comprises the reaction of the polyetheramine and the second step comprises a polyether amido amine compound by a two step reaction. Another object of this invention is a curable composition containing at least one polyetheramido amine compound of this invention and a method for coating the surface of a substrate or for binding at least two substrates together using such a curable composition.

No. of Pages : 43 No. of Claims : 17

(22) Date of filing of Application :27/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ELEV	VATOR APPARATUS	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:06/04/2012	 (71)Name of Applicant : 1)MITSUBISHI ELECTRIC CORPORATION Address of Applicant :7 3 Marunouchi 2 chome Chiyoda ku Tokyo 1008310 Japan (72)Name of Inventor : 1)KONDO Rikio 2)SAKAI Masaya

(57) Abstract :

Provided is an elevator apparatus having a function of identifying a driving force loss determined according to a car position and a driving force loss proportional to a payload. An elevator apparatus is provided with: a car (1) coupled to a weight (2) by a rope (3); a hoist (5) for hoisting the rope; a control device (12) for controlling the drive of the hoist; and an estimation device (13) for identifying a first driving force loss dependent on a payload or a second driving force loss dependent on a car position as a numerical value model and estimating a driving force loss from the numerical value model.

No. of Pages : 25 No. of Claims : 9

(19) INDIA(22) Date of filing of Application :27/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : IMAGE DISPLAY UNIT AND IMAGE DISPLAY CONTROL METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:PCT/JP2011/006272	 (71)Name of Applicant : 1)NEC CASIO Mobile Communications Ltd. Address of Applicant :1753 Shimonumabe Nakahara ku Kawasaki shi Kanagawa 2118666 Japan (72)Name of Inventor : 1)KURODA Tomonori
Filing Date	:09/11/2011	
(87) International Publication No	:WO 2012/120575	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This image display unit: is positioned on the upper side of an image display panel; has scan side transparent electrodes (105) and a common side transparent electrode (104) which serve as a group of one or a plurality of electrodes having a predetermined electrode width corresponding to the array interval of pixels positioned on a barrier liquid crystal display panel (100) in which slits (100S) for shielding image light from pixels are formed so as to correspond to the positions of the pixels; and arbitrarily controls a potential applied to the one or plurality of electrodes constituting the scan side transparent electrodes (105) and the common side transparent electrodes (104) according to a specified operating mode. The image display unit is thus able to change the slit width and slit pitch of the slits (100S) and switch freely between any of three functions: a 2D display function for emitting image light for 2D display from the pixels; a 3D display function for emitting image light for 3D display from pixels for the left eye and pixels for the right eye; and a viewing angle control function in which the viewing angle of image light from the pixels is controlled.

No. of Pages : 89 No. of Claims : 9

(22) Date of filing of Application :22/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND APPARATUS OF MANAGING ITEMS ON CLIPBOARD OF PORTABLE TERMINAL

classification .00073/14,00073/048,104 w 88/02 (31) Priority Document No :1020110025008 (32) Priority Date :21/03/2011	 (71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea (72)Name of Inventor : 1)HAN Hyun Kyu 2)KIM Myoung Gyu 3)KANG Yeon Gu
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(57) Abstract :

A portable terminal and a method for managing items on a clipboard of the portable terminal are provided for a user to copy text and data items simultaneously onto the clipboard and paste the copied items individually where the user desires. The portable terminal of the present invention includes a touchscreen and a control unit which controls presenting a display region showing a screen corresponding to user command on the touchscreen in response to an execution of at least one application presenting a clipboard region at a part of the touchscreen in response to a user command and displaying clip data selected by the user among at least one clip data appearing in the clipboard region on the display region.

No. of Pages : 33 No. of Claims : 15

(22) Date of filing of Application :27/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESS FOR PREPARING ETHYLENE HOMOPOLYMERS OR COPOLYMERS IN A TUBULAR REACTOR WITH AT LEAST TWO REACTION ZONES HAVING DIFFERENT CONCENTRATIONS OF CHAIN TRANSFER AGENT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C08F10/02,B29C47/02,C08F2/38 :11001770.4 :03/03/2011 :EPO	 (71)Name of Applicant : 1)BASELL POLYOLEFINE GMBH Address of Applicant :Br¼hler Strae 60 50389 Wesseling Germany
 (86) International Application No Filing Date (87) International Publication No 	:PCT/EP2012/053484 :01/03/2012 :WO 2012/117039	 (72)Name of Inventor : 1)VITTORIAS Iakovos 2)GALL Barbara 3)WEIAND Sebastian 4)GONIOUKH Andrei
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	5)SCHMITZ Stephan 6)BERHALTER Klaus 7)MANNEBACH Gerd 8)BUSCH Markus 9)HERRMANN Thomas

(57) Abstract :

Process for preparing ethylene homopolymers or copolymers in the presence of free radical polymerization initiator and at least one chain transfer agent at pressures in the range of from 110 MPa to 350 MPa and temperatures in the range of from 100°C to 350°C in a tubular reactor with at least two reaction zones having different concentrations of the chain transfer agent wherein the concentration of the chain transfer agent in the first reaction zone is less than 70% of the concentration of the chain transfer agent in the reaction zone with the highest concentration of the chain transfer agent ethylene homopolymers or copolymers obtainable by such a process the use of the ethylene homopolymers or copolymers for extrusion coating and a process for extrusion coating a substrate selected from the group consisting of paper paperboard polymeric film and metal with such ethylene homopolymers or copolymers.

No. of Pages : 22 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :27/08/2013

:F02M55/02,F02M63/02	(71)Name of Applicant :
:10 2011 005 096.5	1)MAN DIESEL & TURBO SE
:04/03/2011	Address of Applicant :Stadtbachstr. 1 86153 Augsburg
:Germany	Germany
:PCT/EP2012/053664	(72)Name of Inventor :
:02/03/2012	1)WAGNER Wolfgang
:WO 2012/119957	2)MEIXNER Markus
·NIA	
.INA	
:NA	
:NA	
	:10 2011 005 096.5 :04/03/2011 :Germany :PCT/EP2012/053664 :02/03/2012 :WO 2012/119957 :NA :NA :NA

(54) Title of the invention : INTERNAL COMBUSTION ENGINE

(57) Abstract :

The invention relates to an internal combustion engine (1) with a plurality of combustion cylinders on each of which a fuel injection device (120) is provided. A separate upstream mounted unit (10c 10f) with a fuel reservoir integrated therein is provided for each combustion cylinder said fuel reservoir being connected to the respective combustion cylinder via one of a plurality of first fuel lines (110) in order to supply fuel to the respective fuel injection device of the combustion cylinder. A fuel pump that can be connected to a fuel source is integrated into at least one of the upstream mounted units (10d) in order to provide a specified fuel pressure. The fuel reservoir of each upstream mounted unit is equipped so as to ensure that the respective corresponding fuel injection device is supplied with fuel at a stable pressure said fuel being delivered by the fuel pump and the respective fuel reservoirs of the upstream mounted units are connected to one another via a plurality of second fuel lines (100).

No. of Pages : 21 No. of Claims : 10

(22) Date of filing of Application :27/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PRODUCING A TEST ELEMENT FOR STUDYING A BODY FLUID SAMPLE AND TEST ELEMENT

(51) International classification(31) Priority Document No(32) Priority Date	:C12Q1/28,C12Q1/60,G01N33/52 :11001784.5 :03/03/2011	 (71)Name of Applicant : 1)ROCHE DIAGNOSTICS GMBH Address of Applicant :Sandhofer Strae 116 68305 Mannheim
(32) Filondy Date(33) Name of priority country(86) International Application	:EPO	Germany 2)F. HOFFMANN LA ROCHE AG
No Filing Date	:PCT/EP2012/000653 :11/02/2012	(72)Name of Inventor :1)FINK Herbert
(87) International Publication No	:WO 2012/116780	2)HUELLEN Volker 3)DREIBHOLZ Jrg
(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 producing a test element (1) for studying a body fluid sample wherein detection layer (3) is covered with a polymeric spread layer (4) and applied to a support (5). According to the invention it is provided that the spread layer (4) is produced by being sprayed onto the detection layer (3). The invention further relates to such a test element having a spread layer (4) that has a thickness of at most $20 \,\mu\text{m}$.

No. of Pages : 22 No. of Claims : 15

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : DEVICE FOR TRANSMITTING ELECTRIC POWER AND/OR ELECTRIC SIGNALS FROM A STATIONARY WALL TO A WING FIXED TO THE WALL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01R13/658 :20 2011 000 613.1 :17/03/2011 :Germany :PCT/EP2011/073988 :23/12/2011 :WO 2012/123040 :NA :NA :NA :NA	 (71)Name of Applicant : 1)DR. HAHN GMBH & CO. KG Address of Applicant :Trompeterallee 162 170 41189 Mnchengladbach Wickrath Germany (72)Name of Inventor : 1)HERGLOTZ Tibor 2)STEINFELD Ingo
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(57) Abstract :

The invention relates to a device (100) for transmitting electric power and/or electric signals from a stationary wall (W) to a wing (F) fixed to the wall (W) in an articulated manner about a hinge axis (S) by a hinge having a power and/or signal transmitter (1) operating without contact which has means for shielding (18) the power and/or signal transmitter (1) against external magnetic fields.

No. of Pages : 30 No. of Claims : 15

(19) INDIA(22) Date of filing of Application :23/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : POWER SEMICONDUCTOR MODULE

Classification:H01L23/48,H01L23/28,H01L25/071)Mitsu(31) Priority Document No:NAAddre(32) Priority Date:NATokyo 10(33) Name of priority country :NA(72)Name(86) International Application:PCT/JP2011/0527421)ASAINo:09/02/20113)NAK(87) International Publication:WO 2012/1080115)ASACNo:NA6)OGA	e of Applicant : abishi Electric Corporation ess of Applicant :7 3 Marunouchi 2 chome Chiyoda ku 08310 Japan e of Inventor : DA Shinsuke AO Kenjiro AJIMA Dai ANABE Yuetsu D Yoshihito Takuya O Masaki
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(57) Abstract :

A power semiconductor module (100) is provided with: electrode plates (2) having an integrated body (2a) and an external connection terminal (2b) the bodies (2a) being in a coplanar arrangement; a semiconductor element (1) carried on one surface (carrying surface) (2c) of the body (2a); and a resin package (3) in which the other surface (radiating surface) (2d) of the body (2a) is exposed and the semiconductor element (1) and the body (2a) of the electrode plates (2) are sealed using a resin. The radiating surface (2d) and a bottom surface (3a) of the resin package (3) are coplanar. It is thereby possible to improve heat radiating performance and reliability as well as to reduce size.

No. of Pages : 47 No. of Claims : 9

(21) Application No.6808/CHENP/2013 A

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CONTAINER FOR USE IN A WASHING PROCESS

classification:CTID1//04,A4/L15/44,D06F39/02(31) Priority Document No:1101547.6(32) Priority Date:31/01/2011(33) Name of priority country :U.K.N(86) International Application:PCT/GB2012/050183No:30/01/2012Filing Date:30/01/2012	 (71)Name of Applicant : 1)RECKITT BENCKISER N.V. Address of Applicant :Siriusdreef 14 NL 2132 WT Hoofddorp Netherlands 2)RECKITT & COLMAN (OVERSEAS) LIMITED (72)Name of Inventor : 1)KRUBASIK Lucia 2)ROY Pavlinka 3)SALVADOR Jordi
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(57) Abstract :

A container having a plurality of compartments wherein at least one compartment comprises a solid detergent composition and at least one compartment comprises a detergent composition which is in the form of a liquid or a gel and wherein adjacent compartments are arranged in a non superposed or non superposable relationship.

No. of Pages : 22 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CLOSURE AND LINER COMPOSITIONS ESSENTIALLY FREE OF ETHYLENE VINYL ACETATE COPOLYMER

(51) International classification	:B32B27/32	(71)Name of Applicant :
(31) Priority Document No	:61/437336	1)CLOSURE SYSTEMS INTERNATIONAL INC.
(32) Priority Date	:28/01/2011	Address of Applicant :7702 Woodland Drive Suite 200
(33) Name of priority country	:U.S.A.	Indianapolis IN 46278 U.S.A.
(86) International Application No	:PCT/US2012/022647	(72)Name of Inventor :
Filing Date	:26/01/2012	1)MICHE Stephane
(87) International Publication No	:WO 2012/103283	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

The invention provides liner resin compositions which are essentially free of ethylene vinyl alcohol (EVA) copolymer and molded plastic closures which include the described liner resin compositions. Instead of EVA copolymers the provided liner resin compositions generally include low density polyethylene (LDPE). Accordingly in one embodiment the invention provides a liner resin composition comprising: a) LDPE; b) metallocene catalyzed very low density polyethylene; c) a random copolymer; and d) a lubricant; wherein said liner composition is essentially free of EVA copolymer.

No. of Pages : 13 No. of Claims : 15

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEM AND METHOD FOR SINGLE CARRIER OPTIMIZATION FOR EVOLVED MULTIMEDIA BROADCAST MULTICAST SERVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L5/00,H04L27/26 :61/445983 :23/02/2011 :U.S.A. :PCT/US2012/026184 :22/02/2012 :WO 2012/116109 :NA :NA :NA	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A. (72)Name of Inventor : 1)ZHANG Xiaoxia 2)WEI Yongbin 3)MALLADI Durga Prasad
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(57) Abstract :

Techniques are provided for single carrier optimization. For example there is provided a method that involves in a subframe of a radio spectrum allocating a first set of resource elements (REs) for multimedia broadcast over a single frequency network (MBSFN) transmissions each symbol corresponding to each RE of the first set having a first cyclic prefix (CP) type. The method may involve allocating a second set of REs for unicast transmissions each symbol corresponding to each RE of second set having a second CP type. The method may involve determining whether the first CP type and the second CP type are the same. The method may involve in response to the first CP type and the second CP type being the same combining the MBSFN transmissions and the unicast transmissions in the subframe according to the allocated first and second sets of REs.

No. of Pages : 50 No. of Claims : 65

(22) Date of filing of Application :16/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : APPARATUS AND METHOD FOR MOBILE ASSISTED REVERSE LINK INTERFERENCE MANAGEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/452010 :11/03/2011 :U.S.A.	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor : 1)TOKGOZ Yeliz 2)YAVUZ Mehmet 3)MAKH Vansh Pal Singh
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(57) Abstract :

Techniques are provided for mobile assisted reverse link interference management. For example a method for providing mobile assisted reverse link (RL) interference management includes requesting at least one pilot strength measurement from a user device. The method may include receiving at least one macrocell pilot strength measurement or femtocell pilot or beacon strength measurement from the user device in response to the request. The method may include determining a data rate allocation for the user device based at least in part on the at least one macrocell pilot strength measurement or femtocell pilot or beacon strength measurement. The method may include transmitting the data rate allocation to the user device thereby controlling RL interference caused by the user device to at least one non serving cell.

No. of Pages : 47 No. of Claims : 14

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : APPARATUS AND METHOD FOR DETERMINING A CONTROL UNIT USING FEASIBILITY REQUESTS AND FEASIBILITY RESPONSES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application 		 (71)Name of Applicant : 1)NTT DOCOMO INC. Address of Applicant :Sanno Park Tower 36th Floor 11 1 Nagata cho 2 chome Chiyoda ku Tokyo 100 6150 Japan (72)Name of Inventor :
No Filing Date (87) International Publication No	:PCT/EP2012/052573 :15/02/2012 :WO 2012/110549	1)BIERMANN Thorsten 2)CHOI Changsoon 3)SCALIA Luca
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

An apparatus for determining a control unit of a plurality of control units in a wireless communication system for controlling a cooperative transmission or a cooperative reception between base stations and a wireless device wherein the wireless communication system comprises a wireline core network with a plurality of control units and a plurality of base stations wherein each control unit is able to control one or more base stations. The apparatus comprises a cluster feasibility processor (400) configured to receive a cluster feasibility response from at least one other control unit than a control unit controlling a base station serving a wireless device containing information of a feasible wireline cluster of base stations controllable by the at least one other control unit; and a control unit for controlling a cooperative transmission or a cooperative reception between at least two base stations and the wireless device based on the at least one received information of the feasible wireline cluster of base station of the feasible wireline cluster of base stations and the wireless device based on the at least one received information of the feasible wireline cluster of base stations control unit.

No. of Pages : 45 No. of Claims : 13

(22) Date of filing of Application :22/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : DISPOSABLE CARTRIDGE FOR PREPARING A SAMPLE FLUID CONTAINING CELLS FOR ANALYSIS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B01L3/00 :61/450661 :09/03/2011 :U.S.A. :PCT/IL2012/000120 :08/03/2012 :WO 2012/120506 :NA :NA :NA	 (71)Name of Applicant : 1)PIXCELL MEDICAL TECHNOLOGIES LTD. Address of Applicant :Hayezira st. 6 P.O. Box 113 20692 Yokneam Ilit Israel (72)Name of Inventor : 1)BRANSKY Avishay 2)SHLOMO Liron
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention discloses a disposable cartridge for preparing a sample fluid containing cells for analysis. The cartridge comprises one or more parallel preparation units each preparation unit comprises one or more chambers enclosed between seals and connected in series. Each chamber is configured for receiving an input fluid performing a procedure affecting the fluid thereby generating an output fluid and releasing the output fluid. A first chamber of the one or more chambers is a pressable chamber coupled to a first opening while a last chamber of the one or more chambers is coupled to a second opening. The input fluid of the first chamber is the sample fluid. The one or more preparation units are coupleable to a compartment for performing analysis of the respective output fluids convey able via the second openings.

No. of Pages : 56 No. of Claims : 31

(21) Application No.6972/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : BUTT JOINING DEVICE COMPRISING ROLLING MEANS

(51) International classification	:B65H19/18,B29C65/08,B29C65/74	(71)Name of Applicant : 1)ABATE Pietro
(31) Priority Document No	:11 51806	Address of Applicant :1 rue Caron F 42000 Saint Etienne
(32) Priority Date	:07/03/2011	France
(33) Name of priority country	:France	(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication 	:05/03/2012	1)ABATE Pietro
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA ^h :NA :NA	

(57) Abstract :

The invention relates to a device (6) for butt joining a product made of strips or webs of material said device comprising a soldering and cutting workstation (7) and a rolling workstation (8). The butt joining device (6) comprises means (16) for adjusting the relative position of the rolling means (9) and the soldering and cutting zone to be rolled.

No. of Pages : 53 No. of Claims : 20

(22) Date of filing of Application :26/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHODS OF INTEGRATED SHIELDING INTO MTJ DEVICE FOR MRAM

 classification (31) Priority Document No (32) Priority Date (33) Name of priority 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/US2012/025133 :14/02/2012 :WO 2012/112619 :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)CHEN Wei Chuan 2)LI Xia 3)KANG Seung H.
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(57) Abstract :

Methods and apparatus for shielding a non volatile memory such as shielding a magnetic tunnel junction (MTJ) device from a magnetic flux are provided. In an example a shielding layer is formed adjacent to an electrode of an MTJ device such that the shielding layer substantially surrounds a surface of the electrode and a metal line is coupled to the shielding layer. The metal line can be coupled to the shielding layer by a via.

No. of Pages : 65 No. of Claims : 30

(22) Date of filing of Application :26/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : TRANSFER SYSTEM FOR SETTING A PIECE IN A REQUIRED ORIENTATION AND ROBOT GRIPPER FOR SAID TRANSFER SYSTEM

(51) International classification	:G05B19/418	(71)Name of Applicant :
(31) Priority Document No	:TO2011A000214	1)MAGIC PRODUCTION GROUP S.A.
(32) Priority Date	:10/03/2011	Address of Applicant : Findel Business Center Complexe B
(33) Name of priority country	:Italy	Rue de Treves L 2632 Findel Luxembourg
(86) International Application No	:PCT/IB2012/051161	(72)Name of Inventor :
Filing Date	:12/03/2012	1)FEMIA Corrado
(87) International Publication No	:WO 2012/120486	2)NIGRA Claudio
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1174	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		l

(57) Abstract :

A piece (5) is set in a required orientation via rotations about at least two mutually transverse axes (52 57) on the basis of the differences between the required orientation and the position represented in a captured image while the piece (5) is arriving on a resting plane (29) and on the basis of the outcome of a comparison between the data of the captured image and the data stored of images that show a sample element equal to the piece (5) to be transferred and set in respective different stable resting positions.

No. of Pages : 32 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :26/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:G01F1/36,G01F25/00	(71)Name of Applicant :
(31) Priority Document No	:13/039698	1)ROSEMOUNT INC.
(32) Priority Date	:03/03/2011	Address of Applicant :12001 Technology Drive Eden Prairie
(33) Name of priority country	:U.S.A.	MN 55344 U.S.A.
(86) International Application No	:PCT/US2012/026260	(72)Name of Inventor :
Filing Date	:23/02/2012	1)WEHRS David L.
(87) International Publication No	:WO 2012/118690	2)MILLER John P.
(61) Patent of Addition to Application Number	:NA	3)KLOSINSKI Andrew J.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alastra et :		·

(54) Title of the invention : DIFFERENTIAL PRESSURE BASED FLOW MEASUREMENT

(57) Abstract :

A system (102) for measuring flow of process fluid through process piping (106) in an industrial process includes a flow restriction element (110) in the process pipe. A first differential pressure transmitter (124) is configured to measure a first differential pressure across the flow restriction element (110) in response to flow of process fluid (104). A second differential pressure transmitter (130) configured to measure a second differential pressure in the process fluid (104) across the flow restriction element (110). Circuitry performs diagnostics based upon the first differential pressure and the second differential pressure.

No. of Pages : 18 No. of Claims : 26

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND SYSTEM FOR CENTRALIZED RESERVATION CONTEXT MANAGEMENT ON MULTI SERVER RESERVATION 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 	:G06Q10/00,G06Q50/00 :11305277.3 :15/03/2011 :EPO :PCT/EP2012/050419 :12/01/2012 :WO 2012/123137 :NA :NA :NA :NA	 (71)Name of Applicant : 1)AMADEUS S.A.S. Address of Applicant :485 Route du Pin Montard Sophia Antipolis F 06410 Biot France (72)Name of Inventor : 1)MASINI Vincent 2)PAVOT Marc 3)FAUSER Dietmar 4)DANIEL Jerome
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(57) Abstract :

The method and system according to a preferred embodiment of the present invention allows ensuring consistency of the PNR record when it is handled within the subsystem controlled by the reservation interceptor module and including a plurality of OBEs. According to a preferred embodiment of the present invention the PNR context on open systems is centralized to avoid its fragmentation in the distributed environment as gathering of all the context parts implies performance issues. In addition instead of implementing a transaction session protocol to handle a start of transaction intermediate updates and a final commit or rollback on the PNR context the principle of the service interceptor architecture is to delegate the functional queries with the current user PNR context which will be modified in the central repository of PNR context only at response time when the whole functional use case is finished.

No. of Pages : 25 No. of Claims : 12

(21) Application No.6980/CHENP/2013 A

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SERVICE ACCESS POINT FOR A UNINTERRUPTIBLE 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 	:PCT/US2012/026107 :22/02/2012	 (71)Name of Applicant : 1)SCHNEIDER ELECTRIC IT CORPORATION Address of Applicant :132 Fairgrounds Road West Kingston RI 02892 U.S.A. (72)Name of Inventor : 1)ANDERSEN Claus Aabjerg 2)DU Yawei
Number Filing Date	:NA :NA	

(57) Abstract :

A power system including an uninterruptible power system (UPS) and a maintenance bypass panel (MBP) The UPS has an input to receive input power and an output to provide output power. The MBP has an input to receive the output power provided by the UPS and an output to provide the input power to the input of the UPS. A busbar is configured to couple one of the input of the UPS to the output of the MBP and the output of the UPS to the input of the MBP. The busbar has a first region to couple to one of the input and the output of the UPS a second region to couple to one of the input and the output of the MBP and a measurement region. A cover shields the busbar from inadvertent contact and includes a small diameter aperture to permit access to the measurement region of the busbar.

No. of Pages : 58 No. of Claims : 19

(22) Date of filing of Application :19/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MOTION VECTOR BASED COMPARISON OF MOVING OBJECTS

 (51) International classificatio (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/IB2012/050196 :16/01/2012 :WO 2012/101542 :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)SHAN Caifeng 2)PEETERS Adrianus Marinus Gerardus
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(57) Abstract :

The present invention proposes to analyze movements of objects in video sequences (e.g. sport videos) by performing motion estimation to determine motion vectors at each frame. With the calculated motion vectors the movements of the object(s) (e.g. athlete(s)) can be quantitatively measured. Based on this movements in two videos can be compared at each individual frame of the video sequence. Different approaches (e.g. color coding) can be used to visualize and compare the movements. With motion estimation intermediate frames can also be inserted to enable better movement comparison in two given videos.

No. of Pages : 13 No. of Claims : 10

(22) Date of filing of Application :22/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PEST CONTROL COMPOSITION AND PEST 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 	:A01N43/54,A01N37/28,A01N43/16 :2011051108 :09/03/2011 :Japan :PCT/JP2012/055300 :24/02/2012 :WO 2012/121120 :NA :NA	 (71)Name of Applicant : 1)SUMITOMO CHEMICAL COMPANY LIMITED Address of Applicant :27 1 Shinkawa 2 chome Chuo ku Tokyo 1048260 Japan (72)Name of Inventor : 1)FUKUCHI Atsushi 2)ARAKI Tsutomu
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A pest control composition containing: azoxystrobin; and at least one hydrazide compound selected from group (A) which comprises chromafenozide methoxyfenozide and tebufenozide.

No. of Pages : 26 No. of Claims : 8

(22) Date of filing of Application :22/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PEST CONTROL COMPOSITION AND PEST 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 Filing Date (62) Divisional to Application Number Filing Date (63) Divisional to Application Number Filing Date (64) Patent of Addition to Application Number Filing Date (65) Divisional to (65) Divisional to (65) Divisional to (65) Divisional to (66) Divisional to (66) Divisional to (67) Divisional to<	 (71)Name of Applicant : 1)SUMITOMO CHEMICAL COMPANY LIMITED Address of Applicant :27 1 Shinkawa 2 chome Chuo ku Tokyo 1048260 Japan (72)Name of Inventor : 1)FUKUCHI Atsushi 2)TOKORO Naomi
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(57) Abstract :

A pest control composition containing: the quinoline compound represented by formula (I); at least one hydrazide compound selected from group (A) consisting of chromafenozide methoxyfenozide and tebufenozide; and at least one insect/pest control compound selected from group (B) consisting of dinotefuran ethiprole thiamethoxam permethrin clothianidin and nitenpyram.

No. of Pages : 32 No. of Claims : 5

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PLANAR COIL ARRANGEMENT FOR A MAGNETIC INDUCTION IMPEDANCE MEASUREMENT 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 	:A61B5/05,G01N27/02 :11153167.9 :03/02/2011 :EPO :PCT/IB2012/050469 :01/02/2012 :WO 2012/104799 :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands 2)PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH (72)Name of Inventor : 1)ROSELL FERRER Francisco Javier 2)IGNEY Claudia Hannelore 3)HAMSCH Matthias
11		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A planar coil arrangement (400) for a magnetic induction impedance measurement apparatus comprises an excitation coil (102) configured for generating a magnetic excitation field in an object and a detection coil (404) configured for detecting a magnetic response field generated in response to the magnetic excitation field inducing a current in the object. In order to minimize an effect of the magnetic excitation field in the detection coil (404) the detection coil (404) is radially symmetrical shaped with respect to the excitation coil (102) and is arranged relative to the excitation coil (102) such that the magnetic excitation field is minimized in the detection coil (404).

No. of Pages : 25 No. of Claims : 14

(22) Date of filing of Application :30/08/2013

(54) Title of the invention : SINGLE OR MULTI ENERGY VERTICAL RADIATION SENSITIVE DETECTORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01T1/164,G01T1/20 :61/439077 :03/02/2011 :U.S.A. :PCT/IB2012/050426 :30/01/2012 :WO 2012/104775 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands 2)PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH (72)Name of Inventor : 1)RONDA Cornelis Reinder 2)LEVENE Simha 3)CARMI Raz 4)WAINER Naor 5)LIVNE Amir 6)SHIRIAEV Roman
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(57) Abstract :

A vertical radiation sensitive detector array (114) includes at least one detector leaf (118). The detector leaf includes a scintillator array (210 502 807 907) including at least a top side (212) which receives radiation a bottom side (218) and a rear side (214) and a photo sensor circuit board (200 803 903) including a photo sensitive region (202 508 803 903) optically coupled to the rear side of the scintillator array. The detector leaf further includes processing electronics (406) disposed below the scintillator array a flexible circuit board (220) electrically coupling the photo sensitive region and the processing electronics and a radiation shield (236) disposed below the bottom of the scintillator array between the scintillator and the processing electronics thereby shielding the processing electronics from residual radiation passing through the scintillator array. Some embodiments incorporate rare earth iodides such as SrI 2 (Eu).

No. of Pages : 27 No. of Claims : 28

(22) Date of filing of Application :06/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : USER INITIATED AND CONTROLLED IDENTITY FEDERATION ESTABLISHMENT AND **REVOCATION MECHANISM**

(57) Abstract :

A method for single sign on with established federation includes triggering a single sign on operation from a first service to a second service (501) retrieving by the first service an associated federation key and pseudo identification for a user agent (502) generating by the first service a token signed with a federation key for the user agent based on the pseudo identification (503) redirecting by the first service the user agent to the second service wherein the user agent transfers the token to the second service (504) verifying by the second service the token (505) and determining an associated identification in the second service and returning by the second service a resource to the user agent (506).

No. of Pages : 21 No. of Claims : 19

(21) Application No.6774/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:A23G4/08	(71)Name of Applicant :
(31) Priority Document No	:61/449168	1)WM. WRIGLEY JR. COMPANY
(32) Priority Date	:04/03/2011	Address of Applicant :410 N. Michigan Ave. Chicago Illinois
(33) Name of priority country	:U.S.A.	60611 U.S.A.
(86) International Application No	:PCT/US2012/027467	(72)Name of Inventor :
Filing Date	:02/03/2012	1)HAMMOND John
(87) International Publication No	:WO 2012/122013	2)BARKALOW David G.
(61) Patent of Addition to Application	:NA	3)GRAFF Gwendolyn
Number		4)BELL Joseph
Filing Date	:NA	5)HSU Chia Hua
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ale stars at a		1

(54) Title of the invention : CHEWING GUM ALTERNATIVE BULKING AGENTS

(57) Abstract :

A chewing gum composition containing at least 25 wt.% water soluble portion containing a least one simple sugar and at least one water soluble fiber; and at least 25 wt.% water insoluble portion containing at least 10 wt.% chewing gum base filler and at least 10 wt.% chewing gum non filler base composition. Such a combination of water soluble and water insoluble materials produces a healthy amount of fiber while creating a chewing gum with an acceptable mass duration elasticity cohesion flavor delivery and sweetness delivery.

No. of Pages : 34 No. of Claims : 42

(22) Date of filing of Application :22/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : DIENE AMIDES AND THEIR USE AGAINST ARTHROPODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D305/06,C07D307/16,C07D309/04 :2011078760 :31/03/2011 :Japan :PCT/JP2012/058765 :22/03/2012 :WO 2012/133861 ⁰⁰ :NA :NA :NA	 (71)Name of Applicant : 1)SUMITOMO CHEMICAL COMPANY LIMITED Address of Applicant :27 1 Shinkawa 2 chome Chuo ku Tokyo 1048260 Japan (72)Name of Inventor : 1)MATSUO Noritada 2)OHSHITA Jun
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(57) Abstract :

An amide compound represented by the formula (I): [wherein R R R R R R R R R X W r n and Y are as defined in the description] has an excellent control effect on harmful arthropods.

No. of Pages : 249 No. of Claims : 13

(21) Application No.6776/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PREPARING THIOCARBOXYLIC ACID S (FLUOROALKYL) ESTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA	 (71)Name of Applicant : 1)SUMITOMO CHEMICAL COMPANY LIMITED Address of Applicant :27 1 Shinkawa 2 chome Chuo ku Tokyo 1048260 Japan (72)Name of Inventor : 1)TABUCHI Takanori
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(57) Abstract :

A novel method for preparing a thiocarboxylic acid S (fluoroalkyl) ester represented by formula (III) [wherein R is methyl ethyl or phenyl; and R is C fluoroalkyl] characterized by reacting a thiocarboxylic acid represented by formula (I) [wherein R is as defined above] with a fluoroolefin represented by formula (II) [wherein R is as defined above] in the presence of a radical generator.

No. of Pages : 81 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :27/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SEMICOND	UCTOR 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 	:G06F1/32,H03K19/00 :13/034845 :25/02/2011 :U.S.A. :PCT/US2012/026828 :27/02/2012 :WO 2012/116374 :NA :NA :NA :NA	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor : 1)CHUA EOAN Lew G. 2)MATAR Charlie 3)SEVERSON Matthew L. 4)KONG Xiaohua

(57) Abstract :

A semiconductor device having an on chip voltage regulator to control on chip voltage regulation and methods for on chip voltage regulation are disclosed. A semiconductor device includes a circuit positioned between a ground bus and a power bus. A power switch array is positioned between the circuit and one of the ground bus or the power bus to generate a virtual voltage across the circuit. A monitor is positioned between the ground bus and the power bus. The monitor is configured to simulate a critical path of the circuit and to output a voltage adjust signal based on an output of the simulated critical path. A controller is configured to receive the voltage adjust signal and to output a control signal to the power switch array to control the virtual voltage.

No. of Pages : 40 No. of Claims : 52

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PRODUCING PRIMARY AMINES OBTAINED BY HOMOGENEOUSLY CATALYZED ALCOHOL AMINATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:C07D207/06,C07D207/20,C07C211/09 :11157288.9 :08/03/2011 :EPO	 (71)Name of Applicant : 1)BASF SE Address of Applicant :67056 Ludwigshafen Germany (72)Name of Inventor : 1)SCHAUB Thomas 2)BUSCHHAUS Boris 3)BRINKS Marion Kristina
(86) International Application No Filing Date (87) International Publication No	:PCT/EP2012/053582 :01/03/2012 :WO 2012/119927	4)SCHELWIES Mathias 5)PACIELLO Rocco 6)MELDER Johann Peter 7)MERGER Martin
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	^D :NA :NA :NA :NA	

(57) Abstract :

The invention relates to a method for producing primary amines comprising at least one functional group of formula (CH NH) by alcohol amination of educts which comprise at least one functional group of formula (CH OH) using ammonia and elimination of water. The homogeneously catalyzed alcohol amination is carried out in the presence of at least one complex catalyst which contains at least one element selected from the groups 8 and 9 of the periodic table and at least one phosphorus donor ligand of general formula (I).

No. of Pages : 47 No. of Claims : 15

(21) Application No.6660/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/08/2013

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:11/04/2012 :WO 2012/142136	 (71)Name of Applicant : 1)ALTISOURCE SOLUTIONS SARL Address of Applicant :291 route dArlon L 1150 Luxembourg Luxembourg (72)Name of Inventor : 1)ERBEY William C. 2)CARTER Seth E. 3)WILCOX Kevin J.
(61) Patent of Addition to Application	:WO 2012/142136 :NA	
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	
e	:NA :NA	

(54) Title of the invention : SYSTEM AND METHODS FOR OPTIMIZING CUSTOMER COMMUNICATIONS

(57) Abstract :

A customer communication system having a scripting system coupled to a customer interface and at least one business system. The scripting system has at least one processor and at least one memory. The processor is configured to communicate with the customer interface and communicate with the at least one business system in real time using a data format containing a unique identifier and a token value associated with a data value. The processor is also configured to provide a scripted conversation that is delivered to a customer where the scripted conversation is predetermined based on one of information contained in a customer account information provided by the customer and analytics and changes in real time based on psychological factors of the customer that are detected during the customer communication.

No. of Pages : 129 No. of Claims : 22

(22) Date of filing of Application :27/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CLIENT CONFIGURATION HISTORY FOR SELF PROVISIONING OF CONFIGURATION AND OBVIATING REINSTALLATION OF EMBEDDED IMAGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		 (71)Name of Applicant : 1)WYSE TECHNOLOGY L.L.C. Address of Applicant :3471 N. First Street San Jose CA 95134 U.S.A. (72)Name of Inventor : 1)TUKOL Segment Behabeling
Filing Date (87) International Publication No	:17/01/2012 :WO 2012/102914	1)TUKOL Sanmati Bahubali 2)PRABHALA Mohan
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Examples of specific purpose local clients are provided for self provisioning of configurations and for obviating reinstallation of entire windows based embedded images onto the specific purpose local clients. Each local client may have a windows based embedded image with a write filter and may include a configuration history memory unit configured to store a plurality of extensible markup language (XML) configuration files. The configuration history memory unit may be in a persistent storage area of the local client to allow the plurality of XML configuration files to be retained on the local client when it is shut down. The local client may include a retrieval module configured to facilitate automatically locating a remote repository server containing a new XML configuration file to facilitate automatically obtaining the new XML configuration file from the remote repository server over a network and to facilitate automatically obtaining a previous XML configuration file from the configuration history memory unit.

No. of Pages : 194 No. of Claims : 13

(22) Date of filing of Application :27/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : RETRIEVAL PARSING AND APPLICATION OF A CONFIGURATION FOR A CLIENT HAVING A WINDOWS BASED EMBEDDED IMAGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G06F15/177 :61/436842 :27/01/2011 :U.S.A. :PCT/US2012/021600 :17/01/2012	 (71)Name of Applicant : 1)WYSE TECHNOLOGY L.L.C. Address of Applicant :3471 N. First Street San Jose CA 95134 U.S.A. (72)Name of Inventor : 1)TUKOL Sanmati Bahubali
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2012/102913 :NA :NA :NA :NA	2)PRABHALA Mohan

(57) Abstract :

Examples of methods and apparatus are provided for automatic retrieval parsing and application of configuration for a specific purpose local client having a windows based embedded image with a write filter while obviating reinstallation of an entire windows based embedded image onto the local client and while allowing persistent configuration change across a reboot. The apparatus may include a retrieval module of the local client configured to each time the local client boots up automatically locate a remote repository server containing a configuration file and automatically obtain the configuration file from the repository server over a network. The apparatus may include an apply settings module of the local client configured to each time the local client boots up automatically load the configuration file automatically parse at least a portion of the configuration file and automatically apply to the embedded image a configuration change based on the at least a portion of the configuration file.

No. of Pages : 193 No. of Claims : 17

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CONTROL ARRANGEMENT AND METHOD FOR REGULATING THE OUTPUT CURRENT OF A DC SOURCE POWER CONVERTER CONNECTED TO A MULTI SOURCE DC 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 	:H02M7/12,H02M1/32,H02J3/36 :11001713.4 :02/03/2011 :EPO :PCT/EP2012/053451 :29/02/2012 o:WO 2012/117026 :NA :NA	 (71)Name of Applicant : 1)GE ENERGY POWER CONVERSION TECHNOLOGY LTD. Address of Applicant :Boughton Road Rugby Warwickshire CV21 1BU U.K. (72)Name of Inventor : 1)STEPHENS Richard Ian 2)HU Lihua 3)BUTCHER Martin
		3)BUTCHER Martin
Filing Date	:NA	

(57) Abstract :

Control arrangement and method for regulating the output current of a dc source power converter connected to a multi source dc system A converter control arrangement (18) for regulating the output current of a dc source power converter (16) comprises a current regulator (20) for regulating the output current based on a comparison of an output current value (I) of the dc source power converter (16) is within a normal operating voltage range between minimum and maximum voltage values (V V) defined with respect to a voltage reference value (V) of the dc source power converter (16) the converter control arrangement (18) controls the target current value (I) so that it is equal to a desired reference current value (I). When the output voltage value (V) is outside the normal operating voltage range which typically indicates a fault condition the converter control arrangement (18) modulates the reference current value (Iref) to provide a target current value (I) that is less than the reference current value (I).

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION (21) Application No.6749/CHENP/2013 A (19) INDIA (22) Date of filing of Application :21/08/2013 (43) Publication Date : 26/09/2014 (54) Title of the invention : PRESSURE TRANSDUCER ARRANGEMENT (51) International classification:G01L19/06,G01L19/02,G01L9/08 (71)Name of Applicant : (31) Priority Document No :13/030769 1)SCHNEIDER ELECTRIC BUILDINGS LLC (32) Priority Date :18/02/2011 Address of Applicant :One High Street North Andover (33) Name of priority country :U.S.A. Massachusetts 02845 U.S.A. (86) International Application (72)Name of Inventor : :PCT/US2012/025669 1)SHIKE David No :17/02/2012 Filing Date (87) International Publication :WO 2012/112905 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A pressure transducer arrangement and method of operation is provided. The pressure transducer and methods of operation reduce error in determining an offset value by eliminating error relating to fluid flow through the transducer arrangement when the offset value is determined. In a particular embodiment the apparatus and method includes a lockout valve that prevents fluid flow between first and second fluid pressure sources when the offset value is determined.

No. of Pages : 24 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :26/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR MANUFACTURING INTEGRATED CIRCUIT DEVICES OPTICAL DEVICES MICROMACHINES AND MECHANICAL PRECISION DEVICES HAVING PATTERNED MATERIAL LAYERS WITH LINE SPACE DIMENSIONS OF 50 NM AND LESS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:61/453983 :18/03/2011 :U.S.A. :PCT/IB2012/050946 :29/02/2012 :WO 2012/127342 :NA	 (71)Name of Applicant : 1)BASF SE Address of Applicant :67056 Ludwigshafen Germany 2)BASF (CHINA) COMPANY LIMITED (72)Name of Inventor : 1)KLIPP Andreas 2)OETTER G¼nter 3)MONTERO PANCERA Sabrina 4)HONCIUC Andrei
Filing Date	:NA	5)BITTNER Christian
(62) Divisional to Application Number Filing Date	:NA :NA	
Time Date	.11/1	

(57) Abstract :

A method for manufacturing integrated circuit devices optical devices micromachines and mechanical precision devices the said method comprising the steps of (1) providing a substrate having patterned material layers having line space dimensions of 50 nm and less and aspect ratios of >2; (2) providing the surface of the patterned material layers with a positive or a negative electrical charge by contacting the substrate at least once with an aqueous fluorine free solution S containing at least one fluorine free cationic surfactant A having at least one cationic or potentially cationic group at least one fluorine free anionic surfactant A; and (3) removing the aqueous fluorine free solution S from the contact with the substrate.

No. of Pages : 23 No. of Claims : 12

(22) Date of filing of Application :26/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR REDUCING INTERFERENCE AT A TERMINAL OF A WIRELESS CELLULAR NETWORK WIRELESS CELLULAR NETWORK NODE AND CENTRAL NODE OF A WIRELESS NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04L25/03,H04B7/04 :12155149.3 :13/02/2012 :EPO :PCT/EP2013/052292 :06/02/2013 :WO 2013/120741 :NA :NA :NA	 (71)Name of Applicant : 1)NTT DOCOMO INC. Address of Applicant :Sanno Park Tower 36th Floor 11 1 Nagata cho 2 chome Chiyoda ku Tokyo 100 6150 Japan (72)Name of Inventor : 1)BAZZI Samer 2)DIETL Guido 3)UTSCHICK Wolfgang
e	:NA :NA	

(57) Abstract :

A method for reducing interference at a terminal (UEK) of a wireless cellular network is described. The terminal (UEK) experiences interference from a plurality of interfering nodes in the wireless cellular network. The method includes selecting the precoders of the interfering nodes such that the sum of distances between the interference projector matrices for the terminal (UEK) is minimized.

No. of Pages : 39 No. of Claims : 19

(21) Application No.6882/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/08/2013

(43) Publication Date : 26/09/2014

:G06F3/01,G06F1/16	(71)Name of Applicant :
:13/038166	1)QUALCOMM Incorporated
:01/03/2011	Address of Applicant :Attn: International IP Administration
:U.S.A.	5775 Morehouse Drive San Diego California 92121 U.S.A.
:PCT/US2012/027157	(72)Name of Inventor :
:29/02/2012	1)BI Ning
:WO 2012/118904	2)ALEKSIC Milivoje
·NIA	
INA	
:NA	
:NA	
	:13/038166 :01/03/2011 :U.S.A. :PCT/US2012/027157 :29/02/2012 :WO 2012/118904 :NA :NA :NA

(54) Title of the invention : SYSTEM AND METHOD TO DISPLAY CONTENT

(57) Abstract :

An apparatus and method for displaying content is disclosed. A particular method includes determining a viewing orientation of a user relative to a display and providing a portion of content to the display based on the viewing orientation. The portion includes at least a first viewable element of the content and does not include at least one second viewable element of the content. The method also includes determining an updated viewing orientation of the user and updating the portion of the content based on the updated viewing orientation. The updated portion includes at least the second viewable element. A display difference between the portion and the updated portion is non linearly related to an orientation difference between the viewing orientation and the updated viewing orientation.

No. of Pages : 39 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :03/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CONTROL D	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 	:G05B19/05 :2011048095 :04/03/2011 :Japan	(71) Name of Applicant : 1) Kabushiki Kaisha Yaskawa Denki Address of Applicant :2 1 Kurosaki Shiroishi Yahatanishi ku Kitakyushu shi Fukuoka 8060004 Japan (72) Name of Inventor : 1) OHSAWA Kazumasa

(57) Abstract :

This programmable controller (1) is a controller of a building block format which is provided with a plurality of modules including a power supply module (100) and a CPU module (200). The CPU module (200) has a microprocessor (202) which is provided with an assessment control function for performing assessment of suitability of the power supply capacity of the power supply module (100) by comparing the power supply capacity of the power supply module (100). The power supply module (100) supplies a first power supply used in the assessment of the suitability of the power supply capacity of the power supply used otherwise as at least two independent power supply systems.

No. of Pages : 50 No. of Claims : 13

(22) Date of filing of Application :26/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : BIAXIALLY STRETCHED POLYPROPYLENE FILM METALLIZED FILM AND FILM CAPACITOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:2011052565 :10/03/2011 :Japan :PCT/JP2012/055708 :06/03/2012	 (71)Name of Applicant : 1)TORAY INDUSTRIES INC. Address of Applicant :1 1 Nihonbashi Muromachi 2 chome Chuo ku Tokyo 1038666 Japan (72)Name of Inventor : 1)MONNO Teruo 2)ASANO Tetsuya 3)MIZUSHIMA Masami 4)NAKATSUKA Takanori
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(57) Abstract :

The present invention provides a biaxially stretched polypropylene film which shows excellent withstand voltage and safety even when used in capacitors for high voltage use and with which stable processability into elements is ensured. The biaxially stretched polypropylene film has projections on both surfaces and is characterized by having a thickness (t1) of 1 3 μ m a longitudinal direction tensile strength of 120 250 MPa and a transverse direction tensile strength of 250 400 MPa. The film is further characterized in that each surface has a minimum projection height P of 100 nm or more and a maximum projection height P of 1 600 nm or less and that when one of the surfaces is expressed by surface A and the other is expressed by surface B then all of relationships (1) to (3) are satisfied. 0.5=Pa/Pa=1.0 (1) 0.5=Pb/Pb=1.0 (2) 600=Pa+Pb=1 200 (3)

No. of Pages : 58 No. of Claims : 10

(22) Date of filing of Application :26/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD OF OUTPUTTING AUDIO SIGNAL AND AUDIO SIGNAL OUTPUT APPARATUS USING THE METHOD

(51) International classification	:G11B20/10	(71)Name of Applicant :
(31) Priority Document No	:61/438295	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:01/02/2011	Address of Applicant :129 Samsung ro Yeongtong gu Suwon
(33) Name of priority country	:U.S.A.	si Gyeonggi do 443 742 Republic of Korea
(86) International Application No	:PCT/KR2012/000722	(72)Name of Inventor :
Filing Date	:31/01/2012	1)MOON Won hyung
(87) International Publication No	:WO 2012/105789	2)PARK Hae kwang
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An audio signal output apparatus includes a modulation signal generator for generating a first modulation signal by pulse modulating an input audio signal of one channel using a first carrier signal or a first sampling clock which has a first frequency; a vacuum tube filter unit comprising a vacuum tube and for generating a vacuum tube signal by allowing the first modulation signal to pass through the vacuum tube a frequency modulation unit for generating a second modulation signal by pulse modulating the vacuum tube signal and a power switching amplifier for outputting an amplification signal corresponding to the second modulation signal.

No. of Pages : 29 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :26/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : TRANSFORM	MS IN VIDEO CODING	
(51) International classification(31) Priority Document No(22) Priority Data	:H04N7/26 :61/451581	(71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant (5775 Morphanes Drive Attra
(32) Priority Date(33) Name of priority country(86) International Application No	:10/03/2011 :U.S.A. :PCT/US2012/028233	Address of Applicant :5775 Morehouse Drive Attn: International IP Administration San Diego California 92121 1714 U.S.A.
Filing Date (87) International Publication No	:08/03/2012 :WO 2012/122355	(72)Name of Inventor : 1)CHEN Ying
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)GUO Liwei 3)CHEN Peisong 4)KARCZEWICZ Marta
(62) Divisional to Application Number Filing Date	:NA :NA	5)WANG Xianglin

(57) Abstract :

Aspects of this disclosure relate to a method of coding video data. In an example the method includes determining a first residual quadtree (RQT) depth at which to apply a first transform to luma information associated with a block of video data wherein the RQT represents a manner in which transforms are applied to luma information and chroma information. The method also includes determining a second RQT depth at which to apply a second transform to the chroma information associated with the block of video data wherein the second RQT depth is different than the first RQT depth. The method also includes coding the luma information at the first RQT depth and the chroma information at the second RQT depth.

No. of Pages : 69 No. of Claims : 40

(19) INDIA(22) Date of filing of Application :12/09/2013

(43) Publication Date : 26/09/2014

(51) International classification	:G07C9/00	(71)Name of Applicant :
(31) Priority Document No	:11160153.0	1)INVENTIO AG
(32) Priority Date	:29/03/2011	Address of Applicant :Seestrasse 55 Postfach CH 6052
(33) Name of priority country	:EPO	Hergiswil Switzerland
(86) International Application No	:PCT/EP2012/055115	(72)Name of Inventor :
Filing Date	:22/03/2012	1)FRIEDLI Paul
(87) International Publication No	:WO 2012/130727	2)KAPPELER Markus
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alexture et :		l

(54) Title of the invention : DISTRIBUTION OF PREMISES ACCESS INFORMATION

(57) Abstract :

Premises access information can be distributed using a system (100) comprising a ticket server (110) coupled to a remotely located premises server (150 152 250). The ticket server (110) receives a ticket request from a host device (140). After interacting with the premises server (150 152 250) the ticket server (110) sends access related information to a visitor device (130). The visitor device (130) can later use the access related information to gain access to a premises.

No. of Pages : 27 No. of Claims : 13

(21) Application No.7353/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : POLYOXYETHYLENE DERIVATIVE HAVING A PLURALITY OF HYDROXYL GROUPS AT END

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08G65/329 :2011076682 :30/03/2011 :Japan :PCT/JP2012/058069 :28/03/2012 :WO 2012/133490 :NA :NA :NA :NA	 (71)Name of Applicant : 1)NOF CORPORATION Address of Applicant :20 3 Ebisu 4 chome Shibuya ku Tokyo 1506019 Japan (72)Name of Inventor : 1)YOSHIOKA Hiroki 2)MATANI Takashi 3)YAMAMOTO Yuji
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(57) Abstract :

Provided is a novel polyoxyethylene derivative which has a plurality of hydroxyl groups at an end. Specifically provided is a polyoxyethylene derivative having a plurality of hydroxyl groups at an end which can be effectively used for the purpose of modifying a biological material and is able to be industrially produced. This polyoxyethylene derivative is represented by formula (1). (In the formula the total molecular weight of the polyoxyethylene derivative is 500 160 000; n represents a number of 5 3 650; each of L L and L independently represents an alkylene group a phenylene group an ester bond an amide bond an ether bond a urethane bond a carbonate bond a secondary amino group or a secondary amino bond; X represents a functional group which is reactive with a biological material; Y represents a hydrophilic group having a plurality of hydroxyl groups each of which is composed of a residue of xylitol or volemitol or a residue of a polyglycerol that is a trimer to 31 mer; Z represents a residue of a compound having 2 5 active hydrogen groups; b and c satisfy 1 = b = 4 1 = c = 4 and 2 = b + c = 5; and each of d and e independently represents 0 or 1.)

No. of Pages : 101 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :07/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PORTABLE TERMINAL DEVICE AND SCREEN DISPLAY METHOD THEREOF

(51) International classification	:G06F13/00,G06F3/048,H04M1/247	(71)Name of Applicant : 1)NEC CASIO Mobile Communications Ltd.
(31) Priority Document No	:2011029664	Address of Applicant :1753 Shimonumabe Nakahara ku
(32) Priority Date	:15/02/2011	Kawasaki shi Kanagawa 2118666 Japan
(33) Name of priority country	y:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/JP2011/006723 :30/11/2011	1)NAKAMURA Yohei 2)FUKASAWA Kazunori
(87) International Publication	¹ :WO 2012/111058	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An objective of the present invention is to persistently display the content of one IMS securing as large a display area as possible and simultaneously allowing verifying the presence of other unread IMS messages even when signed in to a plurality of IMSs. A portable terminal device (100) comprises: a plurality of IMSs (1 3) accounts for which have been signed in to; a display unit (7); a display control unit (6) which displays the content of one selected IMS in a primary display region (10) and displays IMS icons corresponding to other unselected IMSs in a secondary display region (20); a message notification unit (4); and a messaging UI linking unit (5) which determines which IMS a received message corresponds to and if the received message is not for the IMS which is currently being viewed in the primary display area (10) visually changes the display of the corresponding IMS icon in the secondary display region (20) to display that there is an unread message in said IMS.

No. of Pages : 23 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PRODUCTION TECHNOLOGY FOR NATURAL BAMBOO FIBERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application Na Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:21/03/2011	 (71)Name of Applicant : 1)AMERICA HOY TECHNOLOGY LTD Address of Applicant :Suite 806 No. 1220 Market Street Wilmington County of New Castle DE 19801 U.S.A. (72)Name of Inventor : 1)PENG Jianxin
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a production technology for natural bamboo fibers which is used for producing weave non weave and reinforcing composite bamboo fibers. The production for weave bamboo fibers includes the steps of cutting to a certain length (1) slicing (2) flattening (3) softening (4) dividing (5) debonding (6) rinsing (7) immersing in oil (8) drying (9) opening (10) etc. The production for non weave and reinforcing composite bamboo fibers includes the steps of cutting to a certain

length slicing flattening softening dividing debonding (optional) rinsing drying etc. The abovementioned method is simple the equipment arrangement is reasonable the manufacturing procedure is coherent and the technology is easy to handle. The method can realize the mass production of high efficiency community and industry lower the cost and manufacture nature bamboo fibers for varied product applications. A native state fibrous material having broad applicability is added in the fields of weave non weave composite material etc.

No. of Pages : 23 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:G06F15/173 :61/501603 :27/06/2011 :U.S.A.	 (71)Name of Applicant : 1)BANK OF AMERICA CORPORATION Address of Applicant :214 N. Tryon Street Mailcode: Nc1 027 20 05 Charlotte NC 28255 U.S.A.
	:61/501603	
	:27/06/2011	Address of Applicant :214 N. Tryon Street Mailcode: Nc1 027
(33) Name of priority country	:U.S.A.	20 05 Charlotte NC 28255 U.S.A.
(86) International Application No	:PCT/US2012/044289	(72)Name of Inventor :
Filing Date	:27/06/2012	1)MILDEN Robert L.
(87) International Publication No	:WO 2013/003395	2)KENNELL Terri C.
(61) Patent of Addition to Application	:NA	3)CARBERY Timothy
Number	:NA :NA	4)DUNPHY Ann marie
Filing Date	.INA	5)COOPER Heidi L.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : SYSTEM FOR MANAGING AND TRACKING AN INVENTORY OF ELEMENTS

(57) Abstract :

Embodiments of the invention relate to systems methods and computer program products for managing and tracking an inventory of controlled elements wherein a database comprising a plurality of elements is maintained an owner is assigned to each element the relationships between elements are identified and related elements are linked. The elements are then monitored to identify changes to the elements. Any identified change is confirmed and if material the owners of related elements are notified of the changes the need to be made to the related elements and the plurality of elements are monitored to determine when all required changes have been made. Once all the required changes are a made the owners of the identified elements are required to provide final confirmation that no further changes are needed.

No. of Pages : 36 No. of Claims : 25

(22) Date of filing of Application :16/09/2013

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		 (71)Name of Applicant : 1)PHENOX GMBH Address of Applicant :Lise Meitner Allee 31 44801 Bochum Germany (72)Name of Inventor :
Filing Date	:22/02/2012	1)HANNES Ralf
(87) International Publication No	:WO 2012/113554	2)MONSTADT Hermann
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : IMPLANT ESPECIALLY FOR THE OCCLUSION OF BIFURCATION ANEURYSMS

(57) Abstract :

The invention relates to an implant (1) for use in the occlusion of aneurysms in the region of vascular ramifications especially bifurcation aneurysms (A) comprising a mesh structure (3 4) which has the sections (a) to (d) when seen from proximal to distal: (a) a tapering proximal section in which the mesh structure runs into one or more coupling elements (10) (b) a fixing section in which the implant can be supported on a vascular wall (c) a permeable section for the region of the vascular bifurcation and (d) a distal section in which the implant is enlarged relative to section (b) and which is destined to be placed in the aneurysm (A) a zone of separation (T1 T2) being arranged in the region of sections (c) or (d).

No. of Pages : 31 No. of Claims : 15

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : WIRELESS COMMUNICATION SYSTEM WIRELESS COMMUNICATION METHOD WIRELESS COMMUNICATION DEVICE AND CONTROL METHOD FOR SAME AS WELL AS STORAGE MEDIUM STORING CONTROL PROGRAM FOR SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H04W28/04,H04L1/16,H04W16/12 :2011023755 :07/02/2011 y:Japan :PCT/JP2011/079389 :19/12/2011	 (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)TAKAGI Kenki
Filing Date (87) International Publication No	¹ :WO 2012/108105	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This system has a first wireless station and a plurality of second wireless stations which communicate via restricted wireless resources including restricted time periods and restricted frequency bands which have been assigned beforehand wherein: the first wireless station in the case of having detected a reception error of transmitted data from the plurality of second wireless stations to the first wireless station performs control so as not to make a request for retransmission with respect to the plurality of second wireless stations; and any of the second wireless stations among the plurality of second wireless stations in the case of detecting a reception error of transmitted data from the first wireless station to the second wireless station retransmits the transmitted data which had resulted in the reception error in accordance with an upper level protocol used with the wireless station of a peer for which communication has already been established in the upper level layer without making a request for retransmission with respect to the first wireless station.

No. of Pages : 45 No. of Claims : 9

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : BIAXIALLY STRETCHED POLYPROPYLENE FILM FOR CAPACITOR METALLIZED FILM AND FILM CAPACITOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date 	¹ :PCT/JP2011/059592 :19/04/2011	 (71)Name of Applicant : 1)TORAY INDUSTRIES INC. Address of Applicant :1 1 Nihonbashi Muromachi 2 chome Chuo ku Tokyo 1038666 Japan (72)Name of Inventor : 1)NAKATSUKA Takanori 2)MIZUSHIMA Masami 3)ASANO Tetsuya
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(57) Abstract :

Provided is a biaxially stretched polypropylene film for capacitors which has high withstand voltage characteristics when used as a dielectric for capacitors and which has highly suitable processability into elements. The biaxially stretched polypropylene film for capacitors has projections on both surfaces and has a thickness (t1 µm) of 4 20 µm. When one of the surfaces is expressed by surface A and the other by surface B all of the following relationships are satisfied. 800=SRzB=1 300 (nm) 0.1=SRzA/SRzB=0.8 PBmin=100 (nm) PBmax=1 500 (nm) 0.4=PB450 750/PB=0.7 In the relationships SRzA is the 10 point average roughness of surface A (nm) SRzB is the 10 point average roughness of surface B (nm) PBmin is the minimum projection height of surface B (nm) PB450 750 is the total number of projections which are present on surface B and which each have a height of 450 nm or greater but less than 750 nm per 0.1 mm (projections/0.1 mm) and PB is the total number of projections present on surface B per 0.1 mm (projections/0.1 mm).

No. of Pages : 86 No. of Claims : 10

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : VIRTUAL DESKTOP SYSTEM NETWORK PROCESSING DEVICE MANAGEMENT METHOD AND MANAGEMENT PROGRAM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L12/56,G06F13/00 :2011072934 :29/03/2011 :Japan :PCT/JP2012/057742 :26/03/2012 :WO 2012/133300 :NA :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)TAKAHASHI Atsushi
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(57) Abstract :

The present invention allows a user themselves to establish the operating state of a system. A virtual desktop system (100) is provided with a virtualization server (20) provided with virtual desktops (21) thin client terminals (40) for using the virtual desktops (21) by remote connection and a plurality of network processing devices (30) for connecting the virtualization server (20) and the thin client terminals (40). Each of the network processing devices (30) is provided with an IP flow management means (311) for managing information about the IP flow relating to the remote connection of the thin client terminal (40); and an IP flow status notification means (315) for notifying a new client terminal that the IP flow relating to the IP packet does not satisfy a predefined bandwidth or delay time when an IP packet relating to the remote connection is received.

No. of Pages : 34 No. of Claims : 10

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PREPARING CROSS LINKED BITUMEN/POLYMER COMPOSITIONS BY MEANS OF ELECTROMAGNETIC WAVE RADIATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08J3/24,C08J3/28 :1151054 :09/02/2011 :France :PCT/EP2012/052079 :08/02/2012 :WO 2012/107460 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TOTAL MARKETING SERVICES Address of Applicant :24 Cours Michelet F 92800 Puteaux France (72)Name of Inventor : 1)HARDERS Sylvia 2)CHAMINAND Julien 3)VUILLOT David 4)ROCHAS Jean Fran§ois
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(57) Abstract :

The invention relates to a method for preparing cross linked bitumen/polymer compositions without adding a cross linking agent wherein at least one bitumen and at least one polymer are mixed and said mixture of said bitumen and said polymer is subjected to electromagnetic wave radiation in the high frequency and/or microwave range.

No. of Pages : 24 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A COMPUTER IMPLEMENTED METHOD A COMPUTING DEVICE AND A COMPUTER READABLE STORAGE MEDIUM FOR PROVIDING ALIGNMENT INFORMATION DATA FOR THE ALIGNMENT OF AN ORTHOPAEDIC IMPLANT FOR A JOINT OF A PATIENT

(57) Abstract :

The present disclosure relates to a computer implemented method a computing device and a computer readable storage medium for providing alignment information data for the alignment of an orthopaedic implant for a joint of a patient. The computer implemented method comprises the steps of being responsive to patient specific information data for deriving patient data where the patient specific information data is indicative of one or more dynamic characteristics and being responsive to the patient data for providing the alignment information data for the alignment of the orthopaedic implant.

No. of Pages : 145 No. of Claims : 38

(22) Date of filing of Application :26/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROVIDING A CORRECTED VIEW BASED ON THE POSITION OF A USER WITH RESPECT TO A MOBILE PLATFORM

(51) International classification	:G06F3/01	(71)Name of Applicant :
(31) Priority Document No	:13/032493	1)QUALCOMM INCORPORATED
(32) Priority Date	:22/02/2011	Address of Applicant : Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego CA 92121 U.S.A.
(86) International Application No	:PCT/US2012/026097	(72)Name of Inventor :
Filing Date	:22/02/2012	1)KIMBALL Robert Howard
(87) International Publication No	:WO 2012/116059	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

A mobile platform displays a corrected view of an image and/or augmented reality (AR) data based on the position of the user with respect to the mobile platform. The corrected view is produced by determining a position of the user with respect to the mobile platform using an image of the user from a backward facing camera. The display information is provided in the form of an image or video frame of the environment captured with a forward facing camera or AR data. The position of the user with respect to the mobile platform is used to determine the portion of the display information to be displayed that is aligned with the line of sight between the user and the mobile platform so that the displayed information is aligned with the real world environment.

No. of Pages : 24 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :26/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : STATION CH	ENTRIC MULTI USER N	MULTIPLE INPUT MULTIPLE OUTPUT (MU MIMO)
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W8/26 :61/448484 :02/03/2011 :U.S.A. :PCT/US2012/027611 :02/03/2012 :WO 2012/119127 :NA :NA :NA :NA	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn: International Ip Administration 5775 Morehouse Drive San Diego CA 92121 U.S.A. (72)Name of Inventor : 1)WENTINK Maarten Menzo 2)VAN NEE Didier Johannes Richard 3)VERMANI Sameer 4)MERLIN Simone 5)ABRAHAM Santosh Paul

(57) Abstract :

Certain aspects of the present disclosure provide techniques and apparatus for using a Media Access Control (MAC) address of a station (STA) sending a direct link multi user multiple input multiple output (MU MIMO) transmission such that one or more STAs receiving the transmission may interpret a group identifier (ID) indicating a group to which the STAs belong. Using the group ID and the MAC address allows a STA to independently manage its group IDs independent of an access point (AP) or other STAs in a Basic Service Set (BSS).

No. of Pages : 61 No. of Claims : 55

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : POLYETHYLENE BLEND COMPOSITION SUITABLE FOR BLOWN FILM METHOD OF PRODUCING THE SAME AND FILMS MADE THEREFROM

(57) Abstract :

The instant invention provides a polyethylene blend composition suitable for blown film method of producing the same and films made therefrom. The polyethylene blend composition suitable for blown film according to the present invention comprises the melt blending product of: (a) less than or equal to 4 percent by weight of a low density polyethylene (LDPE) having a density in the range of from 0.915 to 0.935 g/cm and a melt index (I) in the range of from greater than 0.8 to less than or equal to 5 g/10 minutes and a molecular weight distribution (M/M) in the range of from 6 to 10; (b) 90 percent or greater by weight of a heterogeneous linear low density polyethylene (hLLDPE) having a density in the range of from 0.917 to 0.950 g/cm and a melt index (I) in the range of from 0.1 to less than or equal to 5 g/10 minutes; (c) optionally a hydrotalcite based neutralizing agent; (d) optionally one or more nucleating agents; and (e) optionally one or more antioxidants. When the polyethylene blend composition is formed into a film via blown film process the output rate is improved at least 6 percent relative to a similar linear low density polyethylene.

No. of Pages : 26 No. of Claims : 8

(21) Application No.6546/CHENP/2013 A

(22) Date of filing of Application :14/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : POLYAMIDES AND AMIDOAMINES FROM SELECTIVELY MODIFIED AMINE AMINES

 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	::U.S.A. ::PCT/US2012/024465 ::09/02/2012	 (71)Name of Applicant : 1)AIR PRODUCTS AND CHEMICALS INC. Address of Applicant :7201 Hamilton Boulevard Allentown Pennsylvania 18195 1501 U.S.A. (72)Name of Inventor : 1)RAYMOND Williams Rene Edouard 2)DUBOWIK David Alan 3)VEDAGE Gamini Ananda
(87) International Publication No	:WO 2012/125240	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	^h :NA :NA	

(57) Abstract :

The present disclosure provides polyamides and amidoamine curing agents including the reaction product of (1) a modified amine component comprising at least one multifunctional amine of structure (1): wherein R is selected from C C linear cyclic and branched alkyl alkenyl and alkaryl groups; R and R are hydrogen R is R or hydrogen X Y and Z are independently selected from C C alkylene hexylene and cycloalkylene groups n=0 1 2 3 4 5 6 or 7; and (2) a fatty acid component. Exemplary fatty acid components include at least one of monomer fatty acids dimer fatty acids trimer fatty acids polymer fatty acids esters of monomer dimer trimer and polymer fatty acids and combinations thereof. The method for making the curing agents and articles formed therefrom are also disclosed.

No. of Pages : 61 No. of Claims : 25

(21) Application No.6810/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:B61D19/02	(71)Name of Applicant :
(31) Priority Document No	:61/541361	1)WABTEC HOLDING CORP.
(32) Priority Date	:30/09/2011	Address of Applicant :1001 Air Brake Avenue Wilmerding
(33) Name of priority country	:U.S.A.	Pennsylvania 15148 U.S.A.
(86) International Application No	:PCT/US2012/056853	(72)Name of Inventor :
Filing Date	:24/09/2012	1)CHAPMAN Matthew
(87) International Publication No	:WO 2013/048944	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 41		

(54) Title of the invention : BASE PLATE STRUCTURE FOR TRANSIT DOORS

(57) Abstract :

According to this invention there is provided an adjustable base plate structure for a transit door comprised of a plurality of fixed dimension elements and a plurality of variable dimension elements for accommodating a plurality of door sizes and types. The base plate structure comprises a roller channel for spanning the width of the door and a center brace for being secured to the channel centered on the roller channel. Mounting brackets are secured to the vehicle or door frame and the roller channel.

No. of Pages : 14 No. of Claims : 7

(22) Date of filing of Application :30/08/2013

(54) Title of the invention : APPARATUS AND METHOD FOR CONTROLLING ACCESS TO DUAL STACK ARCHITECTURE USING ATTENTION (AT) COMMANDS

(86) International PCT/US2012/029536 2)SATHY S	Uday Kumar Simi Anand NTI Nagarjuna Reddy
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(57) Abstract :

An apparatus and method for controlling access to a dual stack architecture using attention (AT) commands including establishing a first subscription to a first network; establishing a second subscription to a second network; selecting a desired subscription from the first subscription and second subscription; and sending an attention (AT) command to direct at least one of a plurality of existing attention (AT) commands towards the desired subscription.

No. of Pages : 39 No. of Claims : 43

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 26/09/2014

(51) International classification :G06Q30/00,H04L29/08 (71)Name of Applicant : (31) Priority Document No :61/451057 **1)APPLE INC.** (32) Priority Date Address of Applicant :1 Infinite Loop Cupertino CA 95014 :09/03/2011 (33) Name of priority country :U.S.A. U.S.A. (86) International Application No :PCT/US2012/028361 (72)Name of Inventor : Filing Date :08/03/2012 1)CHANG Christopher B. (87) International Publication No :WO 2012/122416 2)KELLY Sean B. (61) Patent of Addition to Application **3)MANICKAM Olagappan** :NA Number **4)ALSINA Thomas** :NA Filing Date 5)MIRRASHIDI Payam (62) Divisional to Application Number :NA 6)CHU Michael Kuohao Filing Date 7)LAFFERTY Kevin R. :NA

(54) Title of the invention : INTELLIGENT DELIVERY AND ACQUISTION OF DIGITAL ASSETS

(57) Abstract :

Improved techniques and systems for delivery and acquisition of digital assets are disclosed. The techniques and systems are especially suitable and useful for delivering digital assets (e.g. media assets) that are available for acquisition and electronic delivery from online stores to electronic devices. In accordance with one aspect when a digital asset is acquired form an online store via an electronic device associated with a user the digital asset can be arranged for delivery to a number of other of electronic devices also associated with the user. It will be appreciated that the digital asset can be delivered and acquired without requiring explicit user input or instruction in accordance with another aspect. Other aspects of the techniques and systems include customization of configuration and user interfaces that are provided to facilitate acquisition of digital assets in a more efficient manner.

No. of Pages : 45 No. of Claims : 30

(22) Date of filing of Application :13/11/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR ACKNOWLEDGING COMMUNICATIONS FROM A PLURALITY OF DEVICES

(51) International classification	:H04L1/16	(71)Name of Applicant :
(31) Priority Document No	:61/495256	1)QUALCOMM Incorporated
(32) Priority Date	:09/06/2011	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/US2012/041171	(72)Name of Inventor :
Filing Date	:06/06/2012	1)WENTINK Maarten Menzo
(87) International Publication No	:WO 2012/170583	2)JONES Vincent Knowles
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems methods and devices for acknowledging communications from a plurality of devices are described herein. In some aspects a group ACK includes a bitmap indicating whether a communication has been received from each of a plurality of apparatuses within a previous period. The previous period may comprise a time period since a previous ACK. In some aspects group ACKs are transmitted pursuant to a schedule. For example group ACKs may be transmitted a scheduled time after transmitting a beacon. In some aspects a bitmap indicating whether a communication has been received from each of a plurality of apparatuses within a previous period may be transmitted in a beacon.

No. of Pages : 39 No. of Claims : 46

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 26/09/2014

(51) International classification :H05B37/02,A61B6/00 (71)Name of Applicant : (31) Priority Document No 1)KONINKLIJKE PHILIPS N.V. :11152935.0 (32) Priority Date Address of Applicant : High Tech Campus 5 NL 5656 AE :01/02/2011 (33) Name of priority country Eindhoven Netherlands :EPO (72)Name of Inventor : (86) International Application No :PCT/IB2012/050383 Filing Date :27/01/2012 **1)GILLIES Murray Fulton** (87) International Publication No :WO 2012/104758 2)TIJS Tim Johannes Willem (61) Patent of Addition to Application 3)VOGT Juergen :NA Number 4)SCHMEITZ Harold Agnes Wilhelmus :NA Filing Date 5)MIENDLARZEWSKA Ewa Aurelia (62) Divisional to Application Number :NA 6)VAN ELSWIJK Gijs Antonius Franciscus Filing Date 7)BARTULA Marek Janusz :NA

(54) Title of the invention : A LIGHT CONTROL SYSTEM FOR USE WITHIN A HOSPITAL ENVIRONMENT

(57) Abstract :

The invention relates to a control system (100) for an ambient light environment in a room in a hospital environment. The control system is configured to time and synchronize light effects of the ambient light environment (170 190) in response to sensor signals (111 113) from patient location sensors (121) or other sensors (122 123) for detecting if a clinical instrument is activated moved or taken into use or for detecting heart rate. Light effects may be used by the clinical personnel to improve quality and speed of the examination and to create a calming atmosphere for the patient. However different light effects are required at different times and for different durations. Therefore timing of the light effects relative to sensor signals may improve workflow and patient comfort.

No. of Pages : 21 No. of Claims : 10

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SECURE ACCESS TO PERSONAL HEALTH RECORDS IN EMERGENCY SITUATIONS

(51) International classification	:G06F21/10,H04L9/08,G06F21/62	(71)Name of Applicant :
(31) Priority Document No	:11152826.1	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:01/02/2011	Address of Applicant : High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:EPO	Eindhoven Netherlands
(86) International Application No Filing Date	:PCT/IB2012/050420 :30/01/2012	(72)Name of Inventor :1)KEOH Sye Loong2)ASIM Muhammad
(87) International Publication No	:WO 2012/104771	3)KUMAR Sandeep Shankaran 4)LENOIR Petrus Johannes
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A system including a server system a user terminal and a hardware token for providing secure access to a data record. The server system comprises storage means (1) for storing a plurality of data records a data record (2) having associated therewith a sequence of secrets(14)shared with a hardware token (60) corresponding to the data record(2) the server system(100) further being arranged for storing user authentication information (3). User authenticating means (10) are provided for receiving authentication credentials (11) of a user from a user terminal (200) and authenticating the user as an authorized user based on the authentication credentials (11) of the user and the stored authentication information (3). Secret receiving means (9) are provided for receiving a representation of a secret (13) revealed by a hardware token (60) and information identifying the data record corresponding to the hardware token from the terminal. Marking means (12) are provided for marking the unused secret (s) as used.

No. of Pages : 27 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : DIFFERENTIAL PHASE CONTRAST IMAGING WITH FOCUSSING DEFLECTION STRUCTURE PLATES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G21K1/06 :11152853.5 :01/02/2011 :EPO :PCT/IB2012/050418 :30/01/2012 :WO 2012/104770 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands 2)PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH (72)Name of Inventor : 1)R-SSL Ewald 2)KOEHLER Thomas
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(57) Abstract :

The present invention relates to X ray differential phase contrast imaging in particular to a deflection device for X ray differential phase contrast imaging. In order to provide differential phase contrast imaging with improved dose efficiency a deflection device (28) for X ray differential phase contrast imaging is provided comprising a deflection structure (41) with a first plurality (44) of first areas (46) and a second plurality (48) of second areas (50). The first areas are provided to change the phase and/or amplitude of an X ray radiation; and wherein the second areas are X ray transparent. The first and second areas are arranged periodically such that in the cross section the deflection structure is provided with a profile arranged such that the second areas are provided in form of groove like recesses (54) formed between first areas provided as projections (56). The adjacent projections form respective side surfaces (58) partly enclosing the respective recess arranged in between. The side surfaces of each recess have a varying distance (60) across the depth (62) of the recess.

No. of Pages : 40 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND SYSTEM FOR DUAL ENERGY CT IMAGE RECONSTRUCTION		
 (54) Title of the invention : METHOD AN (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:G06T11/00 :61/438344 :01/02/2011 :U.S.A. :PCT/IB2012/050234 :18/01/2012 :WO 2012/104740	(71)Name of Applicant : 1)KONINKLIJKE PHILIPS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)GOSHEN Liran
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method and system for dual energy CT image reconstruction are provided. In one aspect a fast kVp switching x ray source is used during an imaging scan to produce a low energy x ray beam for L consecutive projection angles and then to produce a high energy x ray beam for H consecutive projection angles wherein L is substantially less than H. Various methods are provided for estimating the resulting undersampled data in the low energy projection data set and the high energy projection data set. The missing low energy projection data may be estimated from the known high energy projection data using any one of several disclosed structural propagation embodiments.

No. of Pages : 25 No. of Claims : 27

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PLANTS HAVING ENHANCED YIELD RELATED TRAITS AND PRODUCING METHODS 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 	:PCT/IB2012/050888 :27/02/2012 :WO 2012/117330 :NA :NA	 (71)Name of Applicant : 1)BASF PLANT SCIENCE COMPANY GMBH Address of Applicant :67056 Ludwigshafen Germany 2)BASF (CHINA) COMPANY LIMITED (72)Name of Inventor : 1)FRANKARD Valerie 2)REUZEAU Christophe 3)HATZFELD Yves 4)VANDENABEELE Steven 5)MIRONOV Vladimir
(62) Divisional to Application	:NA :NA	

(57) Abstract :

Provided are a method for enhancing yield related traits in plants by modulating expression in a plant of a nucleic acid encoding a WAK like polypeptide or a CDKB RKA polypeptide or a UPA20 like polypeptide and plants having modulated expression of a nucleic acid encoding a WAK like polypeptide or a CDKB RKA polypeptide or a UPA20 like polypeptide which plants have enhanced yield related traits relative to control plants. Also provided are WAK like encoding nucleic acids or CDKB RKA encoding nucleic acids and constructs comprising the same useful in performing the methods for enhancing yield related traits in plants.

No. of Pages : 177 No. of Claims : 92

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 26/09/2014

(51) International classification :H04L7/00 (71)Name of Applicant : (31) Priority Document No 1)Mitsubishi Electric Corporation :2011024886 (32) Priority Date Address of Applicant :7 3 Marunouchi 2 chome Chiyoda ku :08/02/2011 (33) Name of priority country Tokyo 1008310 Japan :Japan (86) International Application No :PCT/JP2012/052637 (72)Name of Inventor : Filing Date $\cdot 06/02/2012$ 1)KOZAKI Seiji (87) International Publication No :WO 2012/108387 2)NAKURA Kenichi (61) Patent of Addition to Application **3)HOTTA Yoshifumi** :NA Number 4)MIZUGUCHI Jun :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : COMMUNICATION SYSTEM TIME SYNCHRONIZATION METHOD SLAVE STATION APPARATUS MASTER STATION APPARATUS CONTROL APPARATUS AND PROGRAM

(57) Abstract :

This invention is directed to suppression of time synchronization errors during channel switching. A time synchronization method is used in a communication system that performs protection switching and that comprises: a first network in which a master station (1) is connected to a slave station (10) via a plurality of physical channels including a currently used channel and a standby channel; and a second network that is connected to the slave station (10). The time synchronization method comprises a time synchronization step in which if the slave station (10) does not detect any communication troubles of downstream signals transmitted by the master station (1) then a synchronization process is executed to synchronize on the basis of the clock of the slave station (10) and timing information the time information which is to be transmitted to the second network with the time information included in a time synchronization command and in which if any communication troubles are detected or a switching notification is received from the master station apparatus (1) then the synchronization error caused by the difference between the clock of the slave station (10) and the timing information is suppressed.

No. of Pages : 83 No. of Claims : 21

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : VIDEO ENCODING DEVICE VIDEO DECODING DEVICE VIDEO ENCODING METHOD AND VIDEO DECODING 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 	:H04N7/32 :2011051291 :09/03/2011 :Japan :PCT/JP2012/001592 :08/03/2012 :WO 2012/120888 :NA :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)AOKI Hirofumi 2)CHONO Keiichi 3)SENDA Yuzo 4)SENZAKI Kenta
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(57) Abstract :

In order to increase the encoding efficiency of a quantization step size this video encoding device comprises a quantization step size encoding unit for encoding a quantization step size that controls the granularity of quantization. The quantization step size encoding unit includes a step size prediction unit for predicting the quantization step size using quantization step size information assigned to an already encoded nearby image block and using in frame prediction direction information about an image block that is to be encoded.

No. of Pages : 98 No. of Claims : 14

(22) Date of filing of Application :27/11/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A PROCESS FOR PREPARING A COBALT CONTAINING HYDROCARBON SYNTHESIS CATALYST PRECURSOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:B01J23/75,B01J37/08,C07C1/04 :2011/03329 :06/05/2011 :South Africa :PCT/IB2012/052069 :25/04/2012 :WO 2012/153217	 (71)Name of Applicant : 1)SASOL TECHNOLOGY (PROPRIETARY) LIMITED Address of Applicant :1 Sturdee Avenue Rosebank 2196 Johannesburg South Africa (72)Name of Inventor : 1)BARRADAS Sean 2)ELOFF Cornelia Carolina 3)VISAGIE Jacobus Lucas
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A process for preparing a cobalt containing hydrocarbon synthesis catalyst precursor includes calcining a loaded catalyst support comprising a catalyst support supporting a cobalt compound. The calcination includes heating the loaded catalyst support over a heating temperature range of 90°C to 220°C using (i) one or more high heating rate periods during the heating over the heating temperature range wherein heating of the loaded catalyst support takes place at a heating rate of at least 10°C/minute and wherein a gas velocity of at least 5m/kg cobalt compound/hour is effected over the loaded catalyst support and (ii) one or more low heating rate periods during the heating over the heating temperature range wherein heating of the loaded catalyst support and (ii) one or more low heating rate periods during the heating over the heating temperature range wherein heating of the loaded catalyst support takes place at a heating rate of less than 6°C/minute. The cobalt compound is thereby calcined with a cobalt containing hydrocarbon synthesis catalyst precursor being produced.

No. of Pages : 41 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:C07C209/48	(71)Name of Applicant :
(31) Priority Document No	:11159147.5	1)BASF SE
(32) Priority Date	:22/03/2011	Address of Applicant :67056 Ludwigshafen Germany
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/055024	1)WIGBERS Christof Wilhelm
Filing Date	:21/03/2012	2)MLLER Christoph
(87) International Publication No	:WO 2012/126956	3)M,,GERLEIN Wolfgang
(61) Patent of Addition to Application	:NA	4)KUBANEK Petr
Number		5)HEIDEMANN Thomas
Filing Date	:NA	6)MELDER Johann Peter
(62) Divisional to Application Number	:NA	7)KRUG Thomas
Filing Date	:NA	8)BEY Oliver
(57) 11		·

(54) Title of the invention : METHOD FOR HYDROGENATING NITRILES

(57) Abstract :

The invention relates to a method for hydrogenating nitriles with hydrogen in the presence of a catalyst in a reactor said catalyst being arranged in a fixed bed. The invention is characterized in that the cross sectional load in the reactor ranges from 5 kg/(m s) to 50 kg/(m s). The invention further relates to a method for producing secondary products of isophorondiamine (IPDA) or N N dimethylaminopropylamine (DMAPA) from amines produced according to the invention.

No. of Pages : 23 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :10/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : POWER CONVERSION DEVICE AND REFRIGERATION/AC SYSTEM (51) International classification :H02M3/155 (71)Name of Applicant : 1)Mitsubishi Electric Corporation (31) Priority Document No :NA (32) Priority Date Address of Applicant :7 3 Marunouchi 2 chome Chiyoda ku :NA (33) Name of priority country Tokyo 1008310 Japan :NA (86) International Application No :PCT/JP2011/055102 (72)Name of Inventor : 1)ARISAWA Koichi Filing Date :04/03/2011 (87) International Publication No :WO 2012/120600 2)SHIMOMUGI Takuya (61) Patent of Addition to Application **3)SHINOMOTO Yosuke** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

This power conversion device is provided with a power source (1) a boosting means (a reactor (21) and a switch (22)) for boosting by switching control the voltage supplied from the power source (1) a smoothing circuit (3) for smoothing the voltage output from the boosting means a rectifier (23) disposed between the booster means and the smoothing circuit (3) for preventing the reverse flow of current to the boosting means and a commutation means (4) which connected in parallel to the rectifier (23) reverses the current flowing to the rectifier (23) to flow towards said commutation means (4).

No. of Pages : 54 No. of Claims : 22

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : HIGH SPEED DATA TESTING WITHOUT HIGH SPEED BIT CLOCK

(57) Abstract :

System and method for testing a high speed data path without generating a high speed bit clock includes selecting a first high speed data path from a plurality of data paths for testing. Coherent clock data patterns are driven on one or more of remaining data paths of the plurality of data paths wherein the coherent clock data patterns are in coherence with a low speed base clock. The first high speed data path is sampled by the coherent clock data patterns to generate a sampled first high speed data path which is then tested at a speed of the low speed base clock.

No. of Pages : 27 No. of Claims : 42

(21) Application No.883/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(54) Title of the invention : MOUNTING STENTS ON STENT DELIVERY SYSTEMS

(43) Publication Date : 26/09/2014

	A (150/04 D01D00/04	
(51) International classification	:A61F2/84,B21D39/04	(71)Name of Applicant :
(31) Priority Document No	:12/831878	1)ABBOTT CARDIOVASCULAR SYSTEMS INC.
(32) Priority Date	:07/07/2010	Address of Applicant :3200 Lakeside Drive S314 Santa Clara
(33) Name of priority country	:U.S.A.	California 95054 U.S.A.
(86) International Application No	:PCT/US2011/043234	(72)Name of Inventor :
Filing Date	:07/07/2011	1)VAN SCIVER Jason
(87) International Publication No	:WO 2012/006451	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
()		1

(57) Abstract :

A system (10) for mounting a stent (100) on a balloon catheter (19) includes two positioning and alignment stations which are used to prepare a stent and catheter for crimping using the same crimping head. The system is configured for automated assembly of the stent and catheter prior to crimping. A catheter and stent are placed on a computer controlled carriage (42) that delivers the stent and catheter to the crimper head (20). Before placing the stent and catheter into the crimper head an automated alignment system (74) locates the stent between balloon markers.

No. of Pages : 43 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : INSULATED GATE TRANSISTOR AND METHOD OF PRODUCTION 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 	:H01L29/739,H01L29/06,H01L29/10 :11173910.8 :14/07/2011 :EPO :PCT/EP2012/063313 :06/07/2012 :WO 2013/007658 :NA	 (71)Name of Applicant : 1)ABB TECHNOLOGY AG Address of Applicant :Affolternstrasse 44 CH 8050 Z¹/₄rich Switzerland (72)Name of Inventor : 1)RAHIMO Munaf 2)ANDENNA Maxi 3)CORVASCE Chiara 4)KOPTA Arnost
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An IGBT is provided having layers between an emitter electrode (2) on an emitter side (11) and a collector electrode (25) on a collector side (15) comprising: a drift layer (8) of a first conductivity type a base layer (5) which electrically contacts the emitter electrode (2) and is completely separated from the drift layer (8) a first source region (7) which is arranged on the base layer (6) towards the emitter side (11) and electrically contacts the emitter electrode (2) a first trench gate electrode (3) which is arranged lateral to the base layer (5) and which is separated from the base layer (5) the first source region (7) and the drift layer (8) by a first insulating layer (31) wherein a channel is formable between the emitter electrode (2) the first source region (7) the base layer (5) and the drift layer (8) a second insulating layer (32) which is arranged on top of the first trench gate electrode (3) an enhancement layer (6) which separates the base layer (5) from the drift layer (8) at least in a plane parallel to the emitter side (11) a grounded gate electrode (4) comprising a second grounded trench gate electrode (41) and an electrically conducting layer (42) wherein the second trench gate electrode (41) is arranged lateral to the base layer (5) and which second trench gate electrode (41) is separated from the base layer (5) the enhancement layer (6) and the drift layer (8) by a third insulating layer (43) wherein the electrically conductive layer (42) covers and extends outside the second trench gate electrode (41) at least to a region above the base layer (5) wherein the electrically conductive layer (42) is separated from the base layer (5) by a fourth electrically insulating layer (44) and wherein the electrically conductive layer (42) contacts the second trench gate electrode (41) a fifth insulating layer (45) which is arranged on top of the second trench gate electrode (41) which fifth insulating layer (45) has a recess (47) such that the electrically conducting layer (42) electrically contacts the emitter electrode (2).

No. of Pages : 35 No. of Claims : 17

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : USE OF POLYAMINOISOPRENYL DERIVATIVES IN ANTIBIOTIC OR ANTISEPTIC TREATMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (57) Abstract 	:C07C211/21,C07C233/38,C07D207/27 :11305193.2 :23/02/2011 :EPO :PCT/EP2012/053113 :23/02/2012 :WO 2012/113891 ?:NA :NA :NA	 (71)Name of Applicant : 1)UNIVERSITE DAIX MARSEILLE Address of Applicant :58 boulevard Charles Livon Jardin du Pharo F 13007 Marseille France 2)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3)UNIVERSITE DE CORSE (72)Name of Inventor : 1)BOLLA Jean Michel 2)BRUNEL Jean Michel 3)CASANOVA Joseph Pierre Flix 4)LORENZI Vannina 5)BERTI Liliane
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(57) Abstract :

The present invention relates to the use of polyaminoisoprenylderivatives in antibiotic or antiseptic treatment of bacteria including those presentingmultiple drug resistance (MDR) in particular as efflux pump inhibitors. It also relates to novel polyaminoisoprenylderivatives compositions comprising the same process for preparing the same and use thereof in antibiotic or antiseptic treatment.

No. of Pages : 48 No. of Claims : 16

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR PRODUCING PRIMARY AMINES BY MEANS OF HOMOGENEOUSLY CATALYSED ALCOHOL AMINATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:C07C209/14,C07C209/82 :11157335.8 :08/03/2011 :EPO :PCT/EP2012/053585 :01/03/2012 :WO 2012/119930 :NA	 1)BASF SE Address of Applicant :67056 Ludwigshafen Germany (72)Name of Inventor : 1)SCHAUB Thomas 2)BUSCHHAUS Boris 3)BRINKS Marion Kristina 4)SCHELWIES Mathias
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	,
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for producing primary amines by means of the alcohol amination of alcohols with ammonia with water being eliminated. The method comprises the steps of: (a) a homogenously catalysed reaction of a reaction mixture which contains at least one alcohol ammonia at least one non polar solvent and at least one catalyst containing at least one element selected from groups 8 9 and 10 of the periodic table in the liquid phase a product mixture (P) thus being obtained; (b) separating the phases of product mixture (P) which was obtained in step (a) if necessary after a reduction in temperature a reduction in pressure and/or the addition of at least one polar solvent with a miscibility gap in relation to the non polar solvent and thus obtaining at least one polar product phase (A) and at least one non polar phase (B) containing at least one portion of the catalyst that was introduced with said non polar phase (B) being separated off (c) returning at least one portion of the non polar phase (B) into the reaction in step (a) and (d) separating the amination product from the polar product phase (A). The non polar solvent introduced in (a) and the catalyst introduced in step (a) are selected such that the catalyst in the non polar phase (B) becomes enriched.

No. of Pages : 49 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PREVENTION OF PRECIPITATION FROM NITRATED AROMATIC CRUDE PRODUCTS

(51) International classification	:C07C201/16,B01J41/04	(71)Name of Applicant :
(31) Priority Document No	:11152741.2	1)BASF SE
(32) Priority Date	:31/01/2011	Address of Applicant :67056 Ludwigshafen Germany
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/051457	1)ALLARDT Holger
Filing Date	:30/01/2012	2)RAICHLE Andreas
(87) International Publication No	:WO 2012/104254	3)REETZ Reiner
(61) Patent of Addition to Application	:NA	4)BTTNER Johannes
Number	:NA	5)Z–LLINGER Michael
Filing Date	.INA	6)HAASE Stefanie
(62) Divisional to Application Number	:NA	7)FRITZ R¼diger
Filing Date	:NA	

(57) Abstract :

Precipitation of nitrohydroxyaromatic salts from the nitrated crude products obtained in the nitration of aromatic compounds after alkaline scrubbing for example mononitrotoluenes is prevented by contacting the nitrated crude products with an acidic ion exchanger. The nitrated crude products are preferably selected from a feed to a distillation column a bottoms circulation stream of a distillation column and a feed to an evaporator.

No. of Pages : 17 No. of Claims : 10

(22) Date of filing of Application :18/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ARRANGEMENT AND METHOD OF DRYING FUEL IN A BOILER 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 N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:20115382 :20/04/2011 :Finland :PCT/FI2012/050378 :18/04/2012	 (71)Name of Applicant : 1)FOSTER WHEELER ENERGIA OY Address of Applicant :Metsnneidonkuja 8 FI 02130 Espoo Finland (72)Name of Inventor : 1)KINNUNEN Pertti 2)J,,NTTI Timo 3)R,,S,,NEN Juha 4)PALONEN Juha
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(57) Abstract :

The invention relates to an arrangement in a boiler system (10) for drying fuel material to be com busted in the boiler system comprising: a combustion chamber (12) in the boiler system an ash removal conduit (14) connected to the combustion chamber (12) for leading the flue gases out of the combustion chamber flue gas conduit (16) connected to the combustion chamber (12) for leading the flue gases out of the combustion chamber flue gas heat recovery system (18) arranged to the flue gas conduit for recovering heat from the flue gases a fuel dryer (20) provided with first heat transfer means (22) for transferring heat into the fuel to be dried a first heat transfer circuit (24) comprising the first heat transfer means (22) a first circulation conduit (26) and a second heat transfer means (28) the second heat transfer means being arranged in connection with the flue gas conduit (16) downstream the flue gas heat recovery system (18). The arrangement further comprises a second heat transfer circuit (30) comprising a second circulation conduit (32) a third heat transfer means (34) and a fourth heat transfer means (36); and the third heat transfer connection with the fuel dryer (20).

No. of Pages : 23 No. of Claims : 17

(22) Date of filing of Application :18/10/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : VEHICLE CONTROL DEVICE

(51) International classification:F02D29/02,F02D29/00,F16H61/662(31) Priority Document No (32) Priority Date:2012158205(32) Priority Date:16/07/2012(33) Name of priority country:Japan(86) International Filing Date:PCT/JP2013/062999(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2014/013774(82) Divisional to Application Number Filing Date:NA :NA(82) Divisional to Application Number Filing Date: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)ONODERA Takayuki 2)SAKAI Kohei
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(57) Abstract :

Provided is a control device for a vehicle equipped with an internal combustion engine an oil pump that is driven by the engine and that pressurizes operating oil and a belt type continuously variable transmission to which the operating oil that has been pressurized by the oil pump is supplied. Shifting is controlled by controlling the operating oil pressure supplied to the continuously variable transmission and when a prescribed condition is satisfied automatic stopping control whereby the engine is stopped automatically is performed. The transmission gear ratio of the continuously variable transmission is detected and the amount of time automatic stopping can be continued is set in accordance with the transmission gear ratio detected when the engine is automatically stopped. When the amount of time the engine has been stopped reaches the amount of time automatic stopping can be continued control is performed such that automatic stopping is ended. Excellent vehicle starting characteristics can be obtained when the engine is restarted after automatic stopping regardless of the operational state of the brake or the like when the vehicle was stopped.

No. of Pages : 22 No. of Claims : 10

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SECURITY DOCUMENT WITH HOLOGRAPHIC FOIL AND PRINTED MACHINE READABLE MARKINGS

(51) International classification	:B42D15/10	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ORELL FSSLI SICHERHEITSDRUCK AG
(32) Priority Date	:NA	Address of Applicant :Dietzingerstrasse 3 CH 8003 Z ¹ / ₄ rich
(33) Name of priority country	:NA	Switzerland
(86) International Application No	:PCT/CH2010/000175	(72)Name of Inventor :
Filing Date	:07/07/2010	1)EICHENBERGER Martin
(87) International Publication No	:WO 2012/003592	2)WIERMER Hendrik
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
/		1

(57) Abstract :

A security document has a substrate (1) with a foil element (6) applied to it. The foil element (6) comprises a security feature such as a diffractive structure (12) for example a hologram. To easily detect a removal of the foil element (6) using conventional detection devices markings (4 14 15) intersecting with the foil element (6) are printed onto the top surface (7) of the foil element (6) the bottom surface (8) of the foil element (6) or onto the substrate (1) thus that they are removed together with the foil element (6).

No. of Pages : 15 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:F23C5/00	(71)Name of Applicant :
(31) Priority Document No	:61/441229	1)CLEARSIGN COMBUSTION CORPORATION
(32) Priority Date	:09/02/2011	Address of Applicant :12870 Interurban Avenue South Seattle
(33) Name of priority country	:U.S.A.	WA 98168 U.S.A.
(86) International Application No	:PCT/US2012/024571	(72)Name of Inventor :
Filing Date	:09/02/2012	1)COLANNINO Joseph
(87) International Publication No	:WO 2012/109499	2)HARTWICK Thomas S.
(61) Patent of Addition to Application	:NA	3)GOODSON David B.
Number	:NA	4)PREVO Tracy A.
Filing Date	.INA	5)WIKLOF Christopher A.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SYSTEM AND METHOD FOR FLATTENING A FLAME

(57) Abstract :

A charge electrode configured to impart a time varying majority charge on a flame and a shape electrode located outside the flame may be driven synchronously by a voltage source through time varying voltage(s). The flame may be flattened or compressed responsive to an electric field produced by the shape electrode acting on the charges imparted on the flame.

No. of Pages : 34 No. of Claims : 73

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND SYSTEM FOR SYNCHRONIZATION MECHANISM ON MULTI SERVER RESERVATION 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 	:G06F17/30,H04L29/08 :11305278.1 :15/03/2011 :EPO :PCT/EP2012/050418 :12/01/2012 :WO 2012/123136	 (71)Name of Applicant : 1)AMADEUS S.A.S. Address of Applicant :485 Route du Pin Montard Sophia Antipolis F 06410 Biot France (72)Name of Inventor : 1)MASINI Vincent 2)BURDESE Samuel
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)PAVOT Marc 4)DANIEL Jerome 5)FAUSER Dietmar

(57) Abstract :

The method and system according to a preferred embodiment of the present invention allows synchronizing the PNR values across a multi server (possibly multi platform) reservation system with an efficient and consistent mechanism. The mechanism addresses the consistency and performance issues thanks to its versioning and its lazy behaviour (the synchronization occurs only when required). It can be used as a solution during a migration phase from one system to another with progressive migration of applications sharing data and also as a permanent solution for distributed applications across different platforms. According to a preferred embodiment of the present invention the reservation services are distributed between two different platforms (e.g. main frame and open platforms) they require sharing the same Passenger Name Record (PNR) contextual data in read and write mode to perform their business functionalities. The method and system of a preferred embodiment of the present invention allows the synchronization of data (e.g. PNR data) which are shared in read and write mode across different platforms and across protocols of communication (e.g. TPF mainframe and open systems) so that the systems can share the same up to date PNR context data

No. of Pages : 32 No. of Claims : 10

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND APPARATUS FOR ELECTRODYNAMICALLY DRIVING A CHARGED GAS OR CHARGED PARTICLES ENTRAINED IN 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 	:F23C5/00 :61/441229 :09/02/2011 :U.S.A. :PCT/US2012/024566 :09/02/2012 :WO 2012/109496 :NA :NA	 (71)Name of Applicant : 1)CLEARSIGN COMBUSTION CORPORATION Address of Applicant :12870 Interurban Avenue South Seattle WA 98168 U.S.A. (72)Name of Inventor : 1)GOODSON David B. 2)HARTWICK Thomas S. 3)PREVO Tracy A. 4)COLANNINO Joseph 5)WIKLOF Christopher A.
Number Filing Date		4)COLANNINO Joseph 5)WIKLOF Christopher A.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Gaseous particles or gas entrained particles may be conveyed by electric fields acting on charged species included in the gaseous or gas entrained particles.

No. of Pages : 29 No. of Claims : 39

(19) INDIA

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : ELECTRIC FIELD CONTROL OF TWO OR MORE RESPONSES IN A COMBUSTION SYSTEM (51) International classification :F23C5/00 (71)Name of Applicant : (31) Priority Document No 1)CLEARSIGN COMBUSTION CORPORATION :61/441229 (32) Priority Date Address of Applicant :12870 Interurban Avenue South Seattle :09/02/2011 (33) Name of priority country WA 98168 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/024541 (72)Name of Inventor : Filing Date **1)HARTWICK Thomas S.** :09/02/2012 (87) International Publication No :WO 2012/109481 2)GOODSON David B. (61) Patent of Addition to Application **3)COLANNINO Joseph** :NA Number 4)WIKLOF Christopher A. :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A combustion system may include a plurality of heated volume portions. At least two of the plurality of heated volume portions may include corresponding respective electrodes. The electrodes may be driven to produce respective electric fields in their respective volumes. The electric fields may be configured to drive desired respective responses.

No. of Pages : 30 No. of Claims : 57

(19) INDIA

(22) Date of filing of Application :07/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : EXHAUST GAS PURIFICATION CATALYST :C07H (51) International classification (71)Name of Applicant : 1)MITSUI MINING & SMELTING CO., LTD. :2013-(31) Priority Document No Address of Applicant :1-11-1, OSAKI, SHINAGAWA-KU, 014477 :29/01/2013 TOKYO 141-8584 Japan (32) Priority Date (72)Name of Inventor : (33) Name of priority country :Japan **1)TAKAHIRO SATO** (86) International Application No :NA Filing Date :NA 2)TAKESHI NABEMOTO (87) International Publication No : NA **3)DAIGO OHNO** (61) Patent of Addition to Application Number :NA **4)NORIAKI IWATA** Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention is to provide a new exhaust gas purification catalyst which can further enhance the oxidation activity of CO in the exhaust gas purification catalyst having a configuration in which a plurality of catalyst layers of two or more layers are formed and Pd is supported on the lower layer. An exhaust gas purification catalyst is formed by arranging a catalyst layer A containing Pd, an OSC material, and an inorganic porous body and a catalyst layer WB containing Pt, Rh or both of them, and an inorganic porous body on a substrate, and the catalyst layer B is disposed on an upper layer side from the catalyst layer A. In the exhaust gas purification catalyst, the catalyst layer A contains a transition metal of one kind or two or more kinds selected from a group consisting of Co, Ni, Mn, Cu, and Fe.

No. of Pages : 28 No. of Claims : 3

(22) Date of filing of Application :26/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHODS SYSTEMS AND COMPUTER READABLE MEDIA FOR PROVISIONING A DIAMETER BINDING REPOSITORY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/439672 :04/02/2011	 (71)Name of Applicant : TEKELEC INC. Address of Applicant :5200 Paramount Parkway Morrisville NC 27560 U.S.A. (72)Name of Inventor : MARSICO Peter J.
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(57) Abstract :

Methods systems and computer readable media for for provisioning a Diameter binding repository (DBR) are disclosed. In one example the method comprises receiving at a Diameter routing node a Diameter signaling message that is associated with a mobile subscriber and includes mobile subscriber related information. The method also includes selecting a network service node from a plurality of network service nodes configured to process the Diameter signaling message and querying a subscriber data management (SDM) node using the mobile subscriber related information to obtain additional information associated with the mobile subscriber. The method further includes generating Diameter binding record information using the mobile subscriber related information the additional information and an identifier corresponding to the selected network service node and providing the Diameter binding record information to a Diameter binding repository.

No. of Pages : 35 No. of Claims : 29

(21) Application No.7413/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : NETWORK STREAMING OF VIDEO DATA USING BYTE RANGE REQUESTS (51) International classification :H04L29/06 (71)Name of Applicant : (31) Priority Document No **1)QUALCOMM INCORPORATED** :61/473105 (32) Priority Date Address of Applicant :5775 Morehouse Drive ATTN: :07/04/2011 (33) Name of priority country International IP Administration San Diego California 92121 1714 :U.S.A. (86) International Application No :PCT/US2012/032372 U.S.A. (72)Name of Inventor : Filing Date :05/04/2012 (87) International Publication No :WO 2012/138895 **1)STOCKHAMMER Thomas** (61) Patent of Addition to Application 2)GILLIES Donald W. :NA Number 3)LUBY Michael G. :NA Filing Date **4)ULUPINAR Fatih** (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

In one example a device for receiving information for multimedia data includes one or more processors configured to determine a byte range of a file of a representation of multimedia content to request from a source device form a uniform resource locator (URL) that specifies in a file path portion of the URL according to a template the file and the byte range in accordance with requirements of the source device and issue a GET request that specifies the formed URL to the source device.

No. of Pages : 81 No. of Claims : 56

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHODS AND APPARATUS FOR SELECTING REFERENCE SIGNAL TONES FOR DECODING A CHANNEL

(51) International classification(31) Priority Document No(32) Priority Date	:H04L25/02,H04W72/08 :61/474699 :12/04/2011	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.
(86) International Application No Filing Date	:PCT/US2012/031904 :02/04/2012	(72)Name of Inventor : 1)BHATTAD Kapil
(87) International Publication No	:WO 2012/141935	2)LIU Ke
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)LUO Tao 4)WEI Yongbin
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Methods and apparatuses are provided that include selecting reference signal (RS) or other tones to utilize in estimating a channel for decoding one or more channels. Where the RS tones are interfered by other base stations interference cancelation can be performed over the RS tones. Since interference can vary over the tones interference cancelation can yield RS tones of varying quality. Thus a quality of each of the RS tones can be determined and at least a subset of the RS tones can be selected for estimating a channel. Additionally or alternatively the RS tones can be weighted or otherwise classified for performing channel estimation using the RS tones.

No. of Pages : 54 No. of Claims : 40

(19) INDIA

(22) Date of filing of Application :16/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : REACTIVE RESINS FOR CABLE SEALING COMPOUNDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:102011076419.4 :24/05/2011 :Germany	 (71)Name of Applicant : 1)EVONIK R-HM GMBH Address of Applicant :Kirschenallee 64293 Darmstadt Germany (72)Name of Inventor : 1)K-MMELT Sabine 2)SCHMITT Gerold 3)SCHTZ Thorben 4)EBERT Martina 5)HERZOG Volker
		4)EBERT Martina 5)HERZOG Volker
(62) Divisional to Application Number Filing Date	:NA :NA	6)KNEBEL Joachim 7)GOMEZ ANDREU Mario

(57) Abstract :

The invention relates to a composition in particular in the form of a 2 component system comprising (meth)acrylated polyether polyols and/or polyester polyols and/or (meth)acrylated hydroxy functionalised triglycerides which has an adjustable pot life in particular for cable sealing compounds.

No. of Pages : 32 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :27/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND USER EQUIPMENT FOR ENSURING PARALLEL DATA RANDOM ACCESS (51) International classification :H04W74/08 (71)Name of Applicant : (31) Priority Document No 1)HUAWEI TECHNOLOGIES CO. LTD. :201110288396.0 (32) Priority Date Address of Applicant : Huawei Administration Building :26/09/2011 (33) Name of priority country Bantian Longgang Shenzhen Guangdong 518129 China :China (86) International Application No :PCT/CN2012/082063 (72)Name of Inventor: **1)CHEN Yuhua** Filing Date :26/09/2012 (87) International Publication No :WO 2013/044806 2)ZENG Qinghai 3)CHANG Junren (61) Patent of Addition to Application :NA Number 4)ZHANG Jian :NA Filing Date **5)HAN Guanglin** (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to the technical field of communications. Disclosed in an embodiment of the present invention are a method and user equipment (UE) for ensuring parallel data random access the method comprising: ensuring that a random access preamble transmitted by the UE via a physical random access channel (PRACH) is not transmitted in the same subframe with other uplink transmissions; alternatively when the random access preamble transmitted by the UE via the PRACH is transmitted in the same subframe with other uplink transmissions controlling the priority of the transmission power of the uplink channel that the PRACH and the other uplink transmissions are in when the power is limited. The embodiment achieves ordered transmission of the random access preamble and other uplink transmissions or achieves concurrent transmission of the random access preamble and other uplink transmissions thus avoiding the conflict between uplink transmissions and random access process during parallel data random access.

No. of Pages : 19 No. of Claims : 12

(22) Date of filing of Application :17/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : POLYESTER POLYOLS BASED ON AROMATIC DICARBOXYLIC ACIDS AND RIGID POLYURETHANE FOAMS PRODUCED THEREFROM

 (86) International PCT/EP2012/052822 Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (63) Divisional to Application Number Filing Date (64) Divisional to (65) Divisional to (65) Divisional to (66) Divisional to (66) Divisional to (61) Patent (62) Divisional to (63) Divisional to (64) Divisional to (65) Divisional to (66) Divisional to (7) Divisional to	 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:PCT/EP2012/052822 :20/02/2012 :WO 2012/113737 :NA :NA :NA	1)BASF SE Address of Applicant :67056 Ludwigshafen Germany (72)Name of Inventor : 1)GEHRINGER Lionel 2)KAMPF Gunnar 3)ZARBAKHSH Sirus
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(57) Abstract :

The invention relates to polyester polyols based on aromatic dicarboxylic acids or the derivatives thereof and to the use of the polyester polyols according to the invention for producing polyurethanes.

No. of Pages : 29 No. of Claims : 10

(22) Date of filing of Application :08/11/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : STEEL SHEET WITH HIGH MECHANICAL STRENGTH DUCTILITY AND FORMABILITY PROPERTIES PRODUCTION METHOD AND USE OF SUCH SHEETS

(51) International classification(31) Priority Document No(32) Priority Date	:C21D1/20,C21D8/02,C21D9/46 :PCT/FR2011000286 :10/05/2011	(71)Name of Applicant : 1)ARCELORMITTAL INVESTIGACIN Y DESARROLLO SL
(33) Name of priority country	:France	Address of Applicant :CL/Chavarri 6 E 48910 Sestao Bizkaia
(86) International Application N	o:PCT/FR2012/000174	Spain
Filing Date	:03/05/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/153016	1)ALLAIN Sbastien
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)MAHIEU Jan 3)CROUVIZIER Micka«l Denis 4)MASTRORILLO Thierry
(62) Divisional to Application Number Filing Date	:NA :NA	5)HENNION Arnaud

(57) Abstract :

The invention relates to the production of a cold rolled steel sheet with a strength of more than 1000 MPa a uniform elongation of more than 12% and a V pliability of more than 90° the composition of which comprises the following with the amounts expressed by weight: 0.15% = C < 0.25% 1.8% = Mn = 3.0% 1.2% = Si = 2% 0% < Al = 0.10% 0% = Cr = 0.50% 0% = Cu = 1% 0% = Ni = 1% 0% = S 0.005% 0% = P < 0.020% Nb = 0.015% Ti = 0.020% V = 0.015% Co = 1% N = 0.008% B = 0.001% with the understanding that Mn+Ni+Cu = 3% the rest of the composition consisting of iron and inevitable impurities resulting from the production method. By area the microstructure consists of between 5 and 20% of polygonal ferrite between 10 and 15% of residual austenite and between 5 and 15% of martensite the remainder consisting of laths of bainite comprising carbides between said laths such that the number N of inter lath carbides larger than 0.1 micrometres in size per unit area is 50 000 mm or less.

No. of Pages : 33 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :03/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : MOTOR DR	IVE 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 	:H02K5/24,H02K19/02 :NA :NA :NA :PCT/JP2011/055053 :04/03/2011 :WO 2012/120588 :NA :NA :NA :NA	 (71)Name of Applicant : 1)MITSUBISHI ELECTRIC CORPORATION Address of Applicant :7 3 Marunouchi 2 chome Chiyoda ku Tokyo 1008310 Japan (72)Name of Inventor : 1)NAKANO Masatsugu 2)ASAO Yoshihito 3)SONODA Isao

(57) Abstract :

Provided is a compact vibration and noise reducing motor drive device used in for example an electric power steering device for a vehicle. A motor drive control device (30) comprises: a heat sink (50) and a housing (40). The heat sink is arranged on a front or rear side of a motor (10) a switching element (73) for performing a drive control for the motor being mounted in the heat sink. The housing is joined to the heat sink and either couples the heat sink to a frame or covers the switching element mounted in the heat sink. The surface (110) of contact of the heat sink with the housing is in a single plane intersecting the direction of the axis of rotation of the motor; and threaded holes (42 52) for joining the frame the heat sink and the housing together are provided so as to be in positional alignment in the circumferential direction.

No. of Pages : 68 No. of Claims : 21

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : IMMUNOGENIC COMPOSITIONS IN PARTICULATE FORM AND METHODS FOR PRODUCING 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 	:PCT/NL2012/050177 :22/03/2012 :WO 2012/128628 :NA :NA	 (71)Name of Applicant : 1)MUCOSIS B.V. Address of Applicant :L.J. Zielstraweg 1 NL 9713 GX Groningen Netherlands (72)Name of Inventor : 1)LEENHOUTS Cornelis Johannes 2)HAIJEMA Bert Jan 3)VAN ROOSMALEN Maarten Leonardus 4)ROTTIER Petrus Josephus Marie 5)DE HAAN Cornelis Alexander Maria 6)BOSCH Berend Jan
11		

(57) Abstract :

The invention relates to the field of immunology and vaccine development in particular to the development of vaccines based on native antigen oligomers. Provided is an immunogenic composition in particulate form comprising oligomers of a surface exposed polypeptide of pathogenic origin or tumour origin or antigenic part thereof said oligomers being bound non covalently to a particulate carrier and a pharmaceutically acceptable diluent or excipient. Also provided is a recombinant polypeptide comprising (A) an N or C terminal antigenic domain comprising at least one surface exposed polypeptide of pathogenic or tumour origin or antigenic part thereof the antigenic domain being fused to (B) an oligomerization domain (OMD) said oligomerization domain being fused via (C) a linker domain to (D) a peptidoglycan binding domain (PBD) consisting of a single copy of a LysM domain capable of mediating the non covalent attachment of the polypeptide to a non viable bacterium like particle (BLP) obtained from a Gram positive bacterium.

No. of Pages : 64 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 26/09/2014

(51) International classification	:B41J2/01	(71)Name of Applicant :
(31) Priority Document No	:2011072575	1)FUJIFILM Corporation
(32) Priority Date	:29/03/2011	Address of Applicant :26 30 Nishiazabu 2 chome Minato ku
(33) Name of priority country	:Japan	Tokyo 1068620 Japan
(86) International Application No	:PCT/JP2012/057279	(72)Name of Inventor :
Filing Date	:22/03/2012	1)SAITA Hirofumi
(87) International Publication No	:WO 2012/133082	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : INKJET RECORDING DEVICE AND IMAGE FORMING METHOD

(57) Abstract :

Favorable curing processing is realized according to differences in absorption characteristics of activation light among inks and characteristics of layers to be formed with the inks. An apparatus includes: a scanning device reciprocally moving in a first direction an inkjet head (24) including a first nozzle array (61Y, M, C, K, LC, LM) ejecting a first ink and a second nozzle array (61W) ejecting a second ink; a relative movement device relatively moving a recording medium in a second direction and controlling ink ejection for each unit (61-1, 61-2) of the divided nozzle region; an activation light irradiation device (32A, 32B) irradiating the inks deposited on the recording medium with the activation light; an irradiation region dividing device dividing an irradiation range into divided irradiation regions (32A-1, 32A-2, 32B-1, 32B-2) corresponding respectively to the divided nozzle regions; and a light quantity control device controlling light quantities respectively for the divided irradiation regions.

No. of Pages : 116 No. of Claims : 15

(22) Date of filing of Application :05/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CONTROL COMPUTER FOR AN UNMANNED VEHICLE

 classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	900735 /2011 alia (B2012/000264	 (71)Name of Applicant : 1)BAE SYSTEMS AUSTRALIA Address of Applicant :Taranaki Road Edinburgh Parks Edinburgh S.A. 5111 Australia (72)Name of Inventor : 1)YELLAND Bradford Scott 2)LOGAN Glen Eric 3)RISEBOROUGH Paul
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(57) Abstract :

A control computer for an unmanned vehicle including: a sensor interface for receiving sensor data from sensors of the vehicle said sensor data including data values associated with movement of the vehicle; an actuator control interface for sending actuator data to control actuators of the vehicle said actuators controlling parts of the vehicle associated with controlling movement of the vehicle; and a system management component for executing a state machine having states corresponding to one or more phases of said movement and for determining a transition between current one of said states and another of said states based on at least one condition associated with said transition said at least one condition being determined based on at least one of said sensor data said actuator data and status of said computer.

No. of Pages : 31 No. of Claims : 19

(21) Application No.7121/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/09/2013

(43) Publication Date : 26/09/2014

:H04N7/32	(71)Name of Applicant :
:2011054560	1)SONY CORPORATION
:11/03/2011	Address of Applicant :1 7 1 Minato ku Tokyo 1080075 Japar
:Japan	(72)Name of Inventor :
:PCT/JP2012/055237	1)SATO Kazushi
:01/03/2012	
:WO 2012/124497	
.NT A	
:NA	
:NA	
:NA	
	:2011054560 :11/03/2011 :Japan :PCT/JP2012/055237 :01/03/2012 :WO 2012/124497 :NA :NA :NA

(54) Title of the invention : IMAGE PROCESSING DEVICE AND METHOD

(57) Abstract :

The present technology relates to an image processing device and method that enable an increase in encoding efficiency. The present invention is provided with: a determination unit that determines whether peripheral motion information which is motion information of a peripheral region positioned at the periphery of the region of interest and is used in encoding the motion information of the region of interest which is the subject of processing is available or unavailable; and an encoding unit that encodes the motion information of the region of interest using available motion information of other peripheral regions in the place of motion information of peripheral regions determined by the determination unit to be unavailable. The present disclosures can be applied in an image processing device.

No. of Pages : 144 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 26/09/2014

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(51) International classification	:C08L23/08,C08J5/18	(71)Name of Applicant :			
(31) Priority Document No	:61/505875	1)DOW GLOBAL TECHNOLOGIES LLC			
(32) Priority Date	:08/07/2011	Address of Applicant : P.O. Box 1967 Midland MI 48641 1967			
(33) Name of priority country	:U.S.A.	U.S.A.			
(86) International Application No	:PCT/US2012/045237	(72)Name of Inventor :			
Filing Date	:02/07/2012	1)EFFLER Lawrence J.			
(87) International Publication No	:WO 2013/009514	2)SAVARGAONKAR Nilesh R.			
(61) Patent of Addition to Application	:NA	3)KARJALA Teresa P.			
Number	:NA :NA	4)SERRAT Cristina			
Filing Date	.11/1	5)WANG Jian			
(62) Divisional to Application Number	:NA				
Filing Date	:NA				

(54) Title of the invention : POLYETHYLENE BLEND COMPOSITION SUITABLE FOR BLOWN FILM METHOD OF PRODUCING THE SAME AND FILMS MADE THEREFROM

(57) Abstract :

The instant invention provides a polyethylene blend composition suitable for blown film method of producing the same and films made therefrom. The polyethylene blend composition suitable for blown film according to the present invention comprises the melt blending product of: (a) from 5 percent or less by weight of a first low density polyethylene (first LDPE) having a density in the range of from 0.915 to 0.935 g/cm and a melt index (I) in the range of from greater than 0.8 to less than or equal to 5 g/10 minutes and a molecular weight distribution (Mw/Mn) in the range of from 6 to 10; (b) from 5 to 50 percent by weight of a second low density polyethylene (second LDPE) having a density in the range of from 0.915 to 0.935 g/cm and a melt index (I2) in the range of from 0.1 to less than or equal to 5 g/10 minutes and a molecular weight distribution (Mw/Mn) in the range of from 6 to 10; with the proviso that the second LDPE has a melt index (I2) that is different from the melt index (I2) of first LDPE; (c) from 44 percent or greater by weight of a heterogeneous linear low density polyethylene (hLLDPE) having a density in the range of from 0.917 to 0.950 g/cm and a melt index (I2) in the range of from 0.1 to less than or equal to 5 g/10 minutes; (d) optionally a hydrotalcite based neutralizing agent (e) optionally one or more nucleating agents; and (f) optionally one or more antioxidants. When said polyethylene blend composition is formed into a film via a blown film process the output rate is improved at least 6 percent for example 7 percent relative to a polyethylene blend composition consisting essentially of (a) a similar heterogeneous linear low density polyethylene component; and (b) a similar second low density polyethylene component.

No. of Pages : 26 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 26/09/2014

(51) International classification :A23C9/13 (71)Name of Applicant : (31) Priority Document No 1)Meiji Co. Ltd. :2011048008 (32) Priority Date Address of Applicant :2 10 Shinsuna 1 chome Koto ku Tokyo :04/03/2011 1368908 Japan (33) Name of priority country :Japan (86) International Application No :PCT/JP2012/055327 (72)Name of Inventor : Filing Date :02/03/2012 1)KAWAI Yoshitaka (87) International Publication No :WO 2012/121131 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : FERMENTED MILK WITH IMPROVED FLAVOR AND METHOD FOR PRODUCING SAME

(57) Abstract :

The purpose of the present invention is to improve the flavor of a fermented milk by employing a lactose degradation step and further adding a whey powder to a starting material to thereby control the balance between the sweetness and sourness of the fermented milk. A method for producing a fermented milk said method comprising a step for adding a whey powder to a starting milk and a step for degrading lactose in the starting milk by a lactase. By use of the production method according to the present invention a fermented milk which can be appropriately taken without using a sweetener such as sucrose and has a novel flavor can be obtained.

No. of Pages : 21 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 26/09/2014

(51) International classification :G06K9/20 (71)Name of Applicant : (31) Priority Document No 1)GLORY LTD. :NA (32) Priority Date Address of Applicant :3 1 Shimoteno 1 chome Himeji shi :NA (33) Name of priority country Hvogo 6708567 Japan :NA (86) International Application No :PCT/JP2011/055042 (72)Name of Inventor : 1)GOTO Masanori Filing Date :04/03/2011 (87) International Publication No :WO 2012/120587 2)YONEZAWA Toru (61) Patent of Addition to Application 3)KUROIWA Motoko :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : TEXT STRING CUT OUT METHOD AND TEXT STRING CUT OUT DEVICE

(57) Abstract :

Provided is a text string cut out method whereby a text frame is carried out from a paper image in which paper whereon a text string has been printed is image captured and a text image cut out. A region having a size which encapsulates text which forms a text string is set as a text part a ring shaped region which is adjacent to the text part is set as an exterior circumference part and a region which encapsulates a plurality of the exterior circumference regions is set as a text string frame. A difference is computed by subtracting the feature value of the text part from the feature value of the exterior circumference part with all of the text parts which are included in the text string frame as a subject while moving the location of the text string frame in the paper image and a text string frame evaluation value is computed based on the difference thereof. The image within the text part is cut out using the text frame which is set at the location with the highest text string frame evaluation value.

No. of Pages : 85 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:B01D53/00	(71)Name of Applicant :
(31) Priority Document No	:PI 2011000489	1)PETROLIAM NASIONAL BERHAD (PETRONAS)
(32) Priority Date	:31/01/2011	Address of Applicant : Tower 1 Petronas Twin Towers Kuala
(33) Name of priority country	:Malaysia	Lumpur City Centre Kuala Lumpur 50088 Malaysia
(86) International Application No	:PCT/IB2012/000128	2)NGLTECH SDN. BHD.
Filing Date	:30/01/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/104700	1)ZAINAL ABIDIN Shahrul Azman b
(61) Patent of Addition to Application	:NA	2)JOTHY Arul
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ale stars at a		

(54) Title of the invention : AN IMPROVED SEPARATOR AND METHOD FOR SEPARATION

(57) Abstract :

A separator vessel (5) comprising; a separation chamber (10) arranged to separate liquid from an inflow production fluid (45); at least one gas scrubber (15) for removing entrained liquid from a separated gas inflow from said separation chamber (10); wherein said at least one gas scrubber (15) is positioned above and proximate to said separation chamber (10) said gas scrubber (15) and separation chamber (10) connectable through a vertically oriented at least one liquid outflow conduit (20) arranged to direct the removed entrained liquid from the gas scrubber (15) to the separation chamber (10) wherein the conduit (20) is arranged such that an outflow end (22) of said conduit (20) extends into the separation chamber (10) such that it is lower than a minimum threshold liquid depth (65) in said separation chamber (10).

No. of Pages : 37 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR ESTIMATION OF INFORMATION FLOW IN BIOLOGICAL NETWORKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	¹ :PCT/IB2012/050405 :30/01/2012 :WO 2012/104764 :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)VARADAN Vinay 2)MITTAL Prateek 3)KAMALAKARAN Sitharthan 4)DIMITROVA Nevenka 5)JANEVSKI Angel 6)BANERJEE Nilanjana
Number Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for stratifying a patient into a clinically relevant group comprising the identification of the probability of an alteration within one or more sets of molecular data from a patient sample in comparison to a database of molecular data of known phenotypes the inference of the activity of a biological network on the basis of the probabilities the identification of a network information flow probability for the patient via the probability of interactions in the network the creation of multiple instances of network information flow for the patient sample and the calculation of the distance of the patient from other subjects in a patient database using multiple instances of the network information flow. The invention further relates to a biomedical marker or group of biomedical markers associated with a high likelihood of responsiveness of a subject to a cancer therapy wherein the biomedical marker or group of biomedical markers comprises altered biological pathway markers as well as to an assay for detecting diagnosing graduating monitoring or prognosticating a medical condition or for detecting diagnosing monitoring or prognosticating the responsiveness of a subject to a therapy against said medical condition in particular ovarian cancer. Furthermore a corresponding clinical decision support system is provided.

No. of Pages : 52 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CLINICAL DECISION SUPPORT SYSTEM FOR PREDICTIVE DISCHARGE PLANNING (51) International classification :G06F19/00 (71)Name of Applicant : (31) Priority Document No 1)KONINKLIJKE PHILIPS N.V. :61/439586 (32) Priority Date :04/02/2011 Address of Applicant : High Tech Campus 5 NL 5656 AE (33) Name of priority country Eindhoven Netherlands :U.S.A. (86) International Application No 2)PHILIPS INTELLECTUAL PROPERTY & :PCT/IB2012/050474 STANDARDS GMBH Filing Date :01/02/2012 (87) International Publication No :WO 2012/104803 (72)Name of Inventor: (61) Patent of Addition to Application 1)NIKOLOVA SIMONS Mariana :NA Number 2)MUSKENS Johan :NA Filing Date **3)ROCK Joseph Ernest** 4)WISCHMANN Hans Aloys (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A system and method for patient discharge planning. The system and method include evaluating a patient record including patient data parameters of a patient predicting a change in the patient record for all possible treatment options generating a discharge recommendation based on at least one of the patient record and the predicted change in the patient record and displaying the discharge recommendation to a user.

No. of Pages : 32 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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 :61/439476 :04/02/2011 :U.S.A. :PCT/IB2012/050446 :31/01/2012 :WO 2012/104786 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands 2)PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH (72)Name of Inventor : 1)COHEN SOLAL Eric 2)LEE Michael Chun chieh 3)SENEGAS Julien 4)DRIES Sebastian Peter Michael 5)VON BERG Jens 6)REMMELE Stefanie
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(54) Title of the invention : IMAGING PROTOCOL UPDATE AND/OR RECOMMENDER

(57) Abstract :

A method includes obtaining electronically formatted information about previously performed imaging procedures classifying the information into groups of protocols based on initially selected protocols for the previously performed imaging procedures and generating data indicative thereof identifying deviations between the classified information and the corresponding initially selected protocols for the previously performed imaging procedures and generating a signal indicative of the deviations. A method includes recommending at least one of a plurality of protocols for an imaging procedure based on at least one of a score a probability or a pre determined rule which is based on extracted medical concepts from patient information and extracted medical concepts from previously imaged patient information and generating a signal indicative of the recommendation.

No. of Pages : 38 No. of Claims : 48

(19) INDIA

(22) Date of filing of Application :04/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SUBSCRIBER SIDE OPTICAL COMMUNICATION DEVICE COMMUNICATION SYSTEM CONTROL DEVICE AND POWER SAVING 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 	:H04L12/44 :NA :NA :NA :PCT/JP2011/064964 :29/06/2011 :WO 2013/001628 :NA :NA	 (71)Name of Applicant : 1)Mitsubishi Electric Corporation Address of Applicant :7 3 Marunouchi 2 chome Chiyoda ku Tokyo 1008310 Japan (72)Name of Inventor : 1)MIZUGUCHI Jun 2)TANO Fumihiko
Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This ONU (2) is capable of individually putting a receiver (221) and a transmitter (222) of an optical transmission and reception module (202) into power saving states. The ONU (2) is provided with: a CDR (203) which performs clocking on the basis of a signal from an OLT (1); an oscillator/oscillation element (207) for generating an internal clock; a timestamp counter (209) which during the period in which the CDR (203) is recovering the clock manages the time of the device itself on the basis of the clock and during the period in which the clock is not being recovered at the CDR (203) manages the time of the device itself on the basis of the internal clock; an MPCP control unit (208) which if Cyclic Sleep mode has been set on the basis of the difference between a timestamp value included in the signal transmitted from the OLT (1) and a timestamp managed by the timestamp counter (209) determines a receiver time synchronization time period which is a period for which the receiver (221) is caused to operate normally within a sleep time period; and a power save control unit (212) which controls the receiver (221) so as to operate normally during the receiver time synchronization time period.

No. of Pages : 56 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : IN VEHICLE	AUDIO 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 	:B60R11/02 :2011151575 :08/07/2011 :Japan :PCT/JP2012/003849 :13/06/2012 :WO 2013/008388 :NA :NA :NA :NA	(71)Name of Applicant : 1)PANASONIC CORPORATION Address of Applicant :1006 Oaza Kadoma Kadoma shi Osak 5718501 Japan (72)Name of Inventor : 1)OTANI Kazuoki

(57) Abstract :

The present invention is provided with a holder (15) for attaching a portable apparatus on the front side of an operation panel (6). The holder (15) has: main body case attaching sections (16) which are provided on both the side portions of the operation panel (6) such that the main body case attaching sections face each other by having operation sections (7 8 9) and/or a display section (10) therebetween; and a supporting section (17) which is provided in a bridge shape between the main body case attaching sections (16) on both the sides. Each of the main body case attaching sections (16) penetrates the operation panel (6) has a supporting section fixing section (19) which fixes the supporting section (17) on the front side of the operation panel (6) and also has a main body case fixing section (20) which is fixed to a main body case (5) on the rear side of the operation panel (6).

No. of Pages : 22 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :29/08/2013

(54) Title of the invention : DOSING MECHANISM

(43) Publication Date : 26/09/2014

(**)		1
(51) International classification	:A61M5/168	(71)Name of Applicant :
(31) Priority Document No	:11160653.9	1)SANOFI AVENTIS DEUTSCHLAND GMBH
(32) Priority Date	:31/03/2011	Address of Applicant :Br¼ningstrae 50 65929 Frankfurt an
(33) Name of priority country	:EPO	Main Germany
(86) International Application No	:PCT/EP2012/055558	(72)Name of Inventor :
Filing Date	:28/03/2012	1)MLLER PATHLE Stephan
(87) International Publication No	:WO 2012/130903	
(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 dosing mechanism (5) for a fluid comprising an inlet (8) an outlet (9) a dosing pipe (10) and two valve groups (A B) with an inlet valve (A1 B1) and an outlet valve (A2 B2) each wherein the inlet (8) is connected to both inlet valves (A1 B1) and the outlet (9) is connected to both outlet valves (A2 B2) wherein the inlet valve (A1) of one group (A) is arranged to connect the inlet (8) to a first end (10.1) of the dosing pipe (10) while the outlet valve (A2) of the same group (A) is arranged to connect the outlet (9) to a second end (10.2) of the dosing pipe (10) wherein the inlet valve (B1) of the other group (B) is arranged to connect the inlet (8) to the second end (10.2) of the dosing pipe (10) wherein the inlet valve (B2) of the same group (B) is arranged to connect the outlet (9) to the first end (10.1) of the dosing pipe (10) wherein control means are arranged to open only the valves (A1 A2 B1 B2) of one group (A B) at a time thereby allowing the fluid to flow from the inlet (8) through the dosing pipe (10) to the outlet (9) wherein a dosing object (11) is arranged in the dosing pipe (10) in a manner to be translated from one end (10.1 10.2) towards the other (10.2 10.1) by the fluid wherein a dose to be delivered from the output (9) is determinable by a position of the dosing object (11) in the dosing pipe (10).

No. of Pages : 15 No. of Claims : 15

(21) Application No.6716/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:F03D1/06	(71)Name of Applicant :
(31) Priority Document No	:11157298.8	1)LM WP PATENT HOLDING A/S
(32) Priority Date	:08/03/2011	Address of Applicant : Jupitervej 6 DK 6000 Kolding Denmark
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/053601	1)BERG Kore Bjarke
Filing Date	:02/03/2012	
(87) International Publication No	:WO 2012/119934	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : WIND TURBINE BLADE COMPRISING ROOT END BULKHEAD

(57) Abstract :

A wind turbine blade (10) for a rotor of a wind turbine (2) having a substantially horizontal rotor shaft is disclosed. The rotor comprises a hub (8) from which the blade (10) extends substantially in a radial direction when mounted to the hub (8) the blade having a longitudinal direction (r) with a tip end (16) and a root end (14) and a transverse direction. The wind turbine blade comprises a blade shell defining a profiled contour of the blade and having an inner shell wall wherein the blade is provided with a bulkhead mounted to the inner shell wall at the root end of the blade via an attachment part the bulkhead comprising a first side and a second side. The attachment part is integrally formed with or connected to the bulkhead and the attachment part comprises an elastomeric material.

No. of Pages : 26 No. of Claims : 34

(21) Application No.6840/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :26/08/2013

(43) Publication Date : 26/09/2014

(51) International classification	:B60R19/34	(71)Name of Applicant :
(31) Priority Document No	:2011057714	1)SUZUKI MOTOR CORPORATION
(32) Priority Date	:16/03/2011	Address of Applicant :300 Takatsuka cho Minami ku
(33) Name of priority country	:Japan	Hamamatsu shi Shizuoka 4328611 Japan
(86) International Application No	:PCT/JP2012/052461	(72)Name of Inventor :
Filing Date	:03/02/2012	1)MIYAZAKI Akito
(87) International Publication No	:WO 2012/124403	2)MASUDA Idemitsu
(61) Patent of Addition to Application	:NA	3)OHNO Shinji
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		1

(54) Title of the invention : ABSORBER STRUCTURE FOR VEHICLE FRONT SECTION

(57) Abstract :

In a vehicle front section (1) wherein no bumper members are provided forwards of side members (2) a box shaped absorber (10) that protrudes rearwards and has an open front is attached to the front ends (9) of the side members (2); a rearwards base surface has a central base part (11) disposed in the center thereof and opposing base parts (12 and 13) that are disposed opposite each other so as to sandwich the central base part (11) and are wider than the central base part (11); the rear surface of the central base part (11) is provided with a rearwardly extending protrusion (14); a flat front surface part (10a) is provided around the front sides of side wall parts (15 to 18) of the absorber (10) towards the front of the vehicle from the central base part (11); and the side wall parts (15 to 18) are provided with cut outs (19) each extending in the front/rear direction of the vehicle and being located at a distance from the central base part (11).

No. of Pages : 20 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :06/09/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : LIQUID CATION EXCHANGER (71)Name of Applicant : (51) International classification:B01J39/04,B01J39/16,B01D11/04 **1)EVONIK DEGUSSA GMBH** (31) Priority Document No :11154707.1 Address of Applicant :Rellinghauser Strae 1 11 45128 Essen (32) Priority Date :16/02/2011 Germany (33) Name of priority country :EPO (72)Name of Inventor: (86) International Application :PCT/EP2011/071494 **1)ERHARDT Frank** No :01/12/2011 2)HAAS Thomas Filing Date **3)ROOS Martin** (87) International Publication :WO 2012/110126 **4)DEMICOLI Daniel** No 5)P-TTER Markus (61) Patent of Addition to 6)SCHUBERT Anja :NA Application Number 7)PFEFFER Jan Christoph :NA Filing Date 8)TACKE Thomas (62) Divisional to Application :NA 9)H.,GER Harald Number **10)PFENNIG Andreas** :NA Filing Date 11)PRZYBYLSKI FREUND Marie Dominique

(57) Abstract :

The invention relates to a method for removing an organic compound comprising one or more positive charges from an aqueous solution. Said method consists of the following steps: a) the aqueous solution containing the organic compound and a hydrophobic solution containing a hydrophobic liquid cation exchanger having one or more negative charges and a negative total charge is provided; b) the aqueous solution and the organic solution are brought into contact with each other and; c) the organic solution is separated from the aqueous solution.

No. of Pages : 44 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : FUSED HETEROCYCLIC DERIVATIVES AS S1P MODULATORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D487/04,C07D491/04,C07D498/04 :10169107.9 :09/07/2010 :EPO :PCT/EP2011/061586 :08/07/2011 :WO 2012/004373 :NA :NA :NA	 (71)Name of Applicant : 1)ABBVIE B.V. Address of Applicant :Wegalaan 9 NL 2132 JD Hoofddorp Netherlands (72)Name of Inventor : 1)SMID Pieter 2)IWEMA BAKKER Wouter I. 3)COOLEN Hein K.A.C. 4)SLIEDREGT Leonardus A.J.M. 5)VAN DONGEN Maria J.P. 6)DEN HARTOG Jacobus A.J.
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(57) Abstract :

The present invention relates to a fused heterocyclic derivative of the formula (I) The variables R1 R4 z A Q X and Y are as defined in the claims. The following heterocycles are exemplified substructures of formula (I): The compounds of formula (I) are modulators of the S1P receptor (Sphingosine 1 phosphate receptor) More specifically they are agonists of S1P5. The compounds have therapeutic use in treatment of cognitive disorders age relate cognitive decline and dementia.

No. of Pages : 93 No. of Claims : 17

(21) Application No.6894/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : NETWORK SYSTEM PACKET PROCESSING METHOD AND STORAGE 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 	:H04L12/46,H04L12/56 :2011048129 :04/03/2011 :Japan :PCT/JP2012/055221 :01/03/2012 :WO 2012/121098 :NA :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)SUEMITSU Mariko
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(57) Abstract :

Provided is an OpenFlow network system wherein packets to be transmitted by multicasting are transmitted to a plurality of different VLANs. Specifically when a packet is received a packet transfer processor determines whether the packet is to be transmitted by multicasting. In the case of a multicast transmission verification is made as to whether the entire transmission has been made to a port specified as a destination. If the entire transmission has not been made the packet header is rewritten and the packet is copied and the packet is transmitted by multicasting is determined by loop back processor (NP). Whether the packet transmission verification is made as to whether the entire transmission verification is made as to whether the entire transmission has been made to the port specified as the destination. If the entire transmission has been made to the packet is transmitted to the destination is made as to whether the entire transmission has been made to the packet is transmitted to the destination by loop back processing. In the case of a multicast transmission has not been made the packet header is rewritten and the packet is copied and the packet header is rewritten and the packet is copied and the packet is transmitted to the destination port and the network processor (NP). When the entire transmission has been made the packet is discarded and the processing ends.

No. of Pages : 29 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :27/08/2013

(43) Publication Date : 26/09/2014

(51) International classification :A61F2/08,A61F2/78 (71)Name of Applicant : (31) Priority Document No 1)CAYENNE MEDICAL INC. :61/449279 (32) Priority Date Address of Applicant :16597 N. 92nd Street Ste 101 Scottsdale :04/03/2011 (33) Name of priority country :U.S.A. AZ 85260 U.S.A. (86) International Application No :PCT/US2012/027551 (72)Name of Inventor : Filing Date :02/03/2012 1)BAIRD Kevin S. (87) International Publication No :WO 2012/122038 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : TENODESIS IMPLANT AND INSERTER AND METHODS FOR USING SAME

(57) Abstract :

The present invention provides a novel split barbed fixation device for tenodesis soft tissue reattachment of tendons and ligaments to bones. The insertion device is adapted for an entirely arthroscopic approach while achieving fixation strength with ultimate pullout resistance comparable to interference screws. The device includes an integrated tendon grasper that provides for easy manipulation of the tendon arthroscopically while eliminating the need for external whip stitching of the tendon thereby reducing preparation time. The device further includes elements that prevent the fixation implant from being destabilized or rotating during deployment and manipulation including: a depth limiting sheath a first implant retainer a first implant retaining step a tendon grasping needle tube and an implant keyway for mating the implant to the tube. The implant itself comprises two separate portions mating along a diagonal and having barbed surface features in opposite directions only one of which contacts the tendon.

No. of Pages : 32 No. of Claims : 20

(21) Application No.6896/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/08/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : IN SERVICE THROUGHPUT TESTING IN DISTRIBUTED ROUTER/SWITCH ARCHITECTURES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H04L12/24,H04L12/26,H04L12/56 :13/039738 :03/03/2011 7:U.S.A. :PCT/US2012/026740 :27/02/2012	 (71)Name of Applicant : 1)ALCATEL LUCENT Address of Applicant :3 avenue Octave Grard F 75007 Paris France (72)Name of Inventor : 1)LAFLEUR Daniel 2)DIBIRDI Alp
Filing Date (87) International Publication No		
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	¹ :NA :NA	

(57) Abstract :

Various embodiments relate to a system and related method of measuring at least one transport link s performance in a communications network. An originating device controlled by a customer may generate testing frames that are transported to a receiving device also controlled by the customer through the at least one transport link that connects the two devices. In some embodiments the transport links may transfer the testing frames while the transport links are transporting other data traffic. The receiving device may parse incoming frames and upon identifying the testing frames may generate echoing response frames. In some embodiments the echoing response frames may be placed in one of a series of priority based service queues. The originating device may then receive the response frames through the transport links and may measure the stream of incoming frames to measure and analyze the transport links performance.

No. of Pages : 29 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : REFRIGERA	TION 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 	:F25B 1/00 :2011-290079 :28/12/2011 :Japan	 (71)Name of Applicant : 1)DAIKIN INDUSTRIES, LTD. Address of Applicant :UMEDA CENTER BUILDING, 4-12 NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI, OSAKA 530-8323, JAPAN (72)Name of Inventor : 1)TADAFUMI NISHIMURA 2)SATOSHI ISHIDA 3)NOBUKI MATSUI

(57) Abstract :

The present invention addresses the problem of controlling the degree of superheating in a refrigeration device for which a refrigerant easily reaches a supercooled state before reaching an evaporator. During cooling, an indoor expansion valve (41) of the refrigeration device (10) controls the expansion of a refrigerant flowing into an indoor heat exchanger (42) on the basis of a low-pressure target value and a degree-of-superheating target value for the outflow side of the indoor heat exchanger (42). The supercooled state of the refrigerant at the inflow side of the indoor heat exchanger (42) is detected by means of an indoor liquid pipe temperature sensor (44) and a suction pressure sensor (33). When an indoor control device (47) determines on the basis of the detection result from the indoor liquid pipe temperature sensor (44) and the suction pressure sensor (33) that the refrigerant at the inflow side of the indoor heat exchanger (42) is in the supercooled state, the indoor control device changes a setting so as to raise the degree-of-superheating target value Tsh1 to a second degree-of-superheating target value Tsh2.

No. of Pages : 28 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 26/09/2014

(51) International classification	:F24F 1/36, F24F	(71)Name of Applicant :
(31) International classification	1/16	1)DAIKIN INDUSTRIES, LTD.
(31) Priority Document No	:2011-290071	Address of Applicant :UMEDA CENTER BUILDING, 4-12,
(32) Priority Date	:28/12/2011	NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI,
(33) Name of priority country	:Japan	OSAKA 530-8323, JAPAN
(86) International Application No	:PCT/JP2012/083564	(72)Name of Inventor :
Filing Date	:26/12/2012	1)TAKASHI ONO
(87) International Publication No	:WO 2013/099897	2)TOMOHIRO MASUI
(61) Patent of Addition to Application	·NT A	3)KEITAROU HOSHIKA
Number	:NA	4)HIROKI ANDOU
Filing Date	:NA	5)MASASHI KUROISHI
(62) Divisional to Application Number	:NA	6)SATOSHI ITOU
Filing Date	:NA	7)JUNICHI SHIMODA

(54) Title of the invention : OUTDOOR UNIT FOR REFRIGERATION DEVICE

(57) Abstract :

An outdoor unit for a refrigeration device uses a heat exchanger constructed from aluminum or an aluminum alloy and is less susceptible to the influence of metallic corrosion. An outdoor unit (20) for an air conditioning device (1), the outdoor unit (20) being in accordance with an embodiment of the present invention, is provided with a heat exchanger (25) which is constructed from aluminum or an aluminum alloy, a bottom frame (8) on which the heat exchanger is placed, and a spacer (100) which is disposed between the heat exchanger and the bottom frame. The spacer has a sloped surface (100a) and a horizontal surface (100b). The sloped surface conducts condensation water, which is from the heat exchanger, to the bottom frame. The horizontal surface is in contact with the heat exchanger and allows the heat exchanger to be horizontally placed thereon.

No. of Pages : 21 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 26/09/2014

SUCH FLOOR PANELS AND METHOD FOR MANUFACTURING SUCH FLOOR PANELS (51) International classification :E04F 15/02 (71)Name of Applicant : (31) Priority Document No **1)FLOORING INDUSTRIES LIMITED, SARL** :U20120003 (32) Priority Date Address of Applicant :10B, RUE DES M‰ROVINGIENS (ZI :07/02/2012 (33) Name of priority country BOURMICHT), L-8070 BERTRANGE, LUXEMBOURG, :Azerbaijan (86) International Application No :PCT/IB2013/050781 IRELAND (72)Name of Inventor : Filing Date :30/01/2013 (87) International Publication No :WO 2013/118030 **1)MARK CAPPELLE** (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : FLOOR PANEL FOR FORMING A FLOOR COVERING, FLOOR COVERING FORMED FROM

(57) Abstract :

Floor panel for forming a floor covering, wherein this floor panel (1) substantially consists of synthetic material; wherein this floor panel (1) has a decorative upper side (36); wherein the floor panel (1), on at least one pair of opposite edges (4-5), comprises coupling parts (8-9) which allow coupling two of such floor panels to each other, wherein these coupling parts (4-5) effect a locking in a first direction (V) perpendicular to the plane of the floor panels (1) as well as in a second direction (H) perpendicular to the respective edge (4-5) and in the plane of the floor panels (1), characterized in that at least one of said coupling parts (9) comprises a separate locking element (28), which, in coupled condition, provides for at least a locking in said first direction (V).

No. of Pages : 35 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : ANTICANCER FUSION PROTEIN		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:P.397595 :28/12/2011 :Poland :PCT/IB2012/057657 :22/12/2012 :WO 2013/098755 :NA :NA	 (71)Name of Applicant : 1)ADAMED AP. Z O.O. Address of Applicant :PIEŃKÓW 149, PL-05-152 CZOSNÓW K/WARSZAWY POLAND (72)Name of Inventor : 1)PIECZYKOLAN, JERZY SZCZEPAN 2)PAWLAK, SEBASTIAN DOMINIK 3)ŻEREK, BARTLOMIEJ MACIEJ 4)PÓZGA, PIOTR KAMIL

(57) Abstract :

A fusion protein comprising domain (a) which is a functional fragment of hTRAIL protein sequence, which fragment begins with an amino acid at a position not lower than hTRAIL95, or a homolog of said functional fragment having at least 70% sequence identity, preferably 85% identity and ending with the amino acid hTRAIL281; and at least one domain (b) which is a sequence of a cytolytic effector peptide forming pores in the cell membrane, wherein the sequence of domain (b) is attached at the C-terminus or N-terminus of domain (a). The fusion protein can be used for the treatment of cancer diseases.

No. of Pages : 118 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :16/07/2014

(43) Publication Date : 26/09/2014

(51) International classification :F04D29/02,F04D29/62 (71)Name of Applicant : (31) Priority Document No :10 2012 002 325.1 1)KSB AKTIENGESELLSCHAFT (32) Priority Date Address of Applicant : Johann-Klein-Straße 9 67227 :08/02/2012 (33) Name of priority country :Germanv Frankenthal Germany (86) International Application No :PCT/EP2013/052374 (72)Name of Inventor : **1)HERDER Hans-Peter** Filing Date :07/02/2013 (87) International Publication No :WO 2013/117617 2)KASTRUP, Norbert 3)PAHLEN, Joachim (61) Patent of Addition to Application :NA Number 4)SKATULLA, Jochen :NA Filing Date 5)WEIBART, Heinz (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : CENTRIFUGAL PUMP AND SERIES OF CENTRIFUGAL PUMPS

(57) Abstract :

The invention relates to a centrifugal pump wherein at least one pump housing (1) a bearing support assembly (10) connected directly or indirectly to the pump housing (1) a housing cover (5) arranged between the pump housing (1) and the bearing support assembly (10) a rotationally drivable shaft (13) that is supported in the bearing support assembly (10) and that extends into the pump housing (1) through the bearing support assembly (10) and the housing cover (5) coaxially to an axis of rotation (A) and an impeller (16) arranged in the pump housing (1) and fastened to the shaft (13) are provided as components. According to the invention the components (1 5 10 13 16) are defined at least in two standards wherein interface areas (8 11 18 21 25) of a plurality of the components (1 5 10 13 16) that are defined in the standards and are of the same type which interface areas are not considered in the standards are geometrically identical. The invention further relates to a series of centrifugal pumps using such a centrifugal pump.

No. of Pages : 14 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :16/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROPEL CIRCUIT AND WORK CIRCUIT COMBINATIONS FOR A WORK MACHINE

(57) Abstract :

A hydraulic circuit architecture (100) for a work vehicle (50) includes a pump (102) a work circuit (300) a propel circuit (400 108) and a circuit selector (206 208 210 212). The work circuit (300) is connected to an actuator for driving a work component of the work vehicle. The propel circuit (400 108) includes a motor (108) that is adapted to be connected to a drive train (110 112 114) of the work vehicle (50). The propel circuit (400 108) also includes an accumulator (116). The circuit selector (206 208 210 212) selectively connects the pump (102) to the work circuit (300) and the propel circuit (400 108). The hydraulic circuit architecture is operable in a first mode and a second mode. In the first mode the propel circuit is connected to the pump and the work circuit is disconnected from the pump. In the second mode the work circuit is connected to the pump and the propel circuit architecture is in the second mode stored energy from the accumulator can be used to drive the motor to cause propulsion of the work vehicle.

No. of Pages : 38 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :16/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : THERMOPLASTIC RESIN COMPOSITION, METHOD FOR PRODUCING SAME, AND MOLDED BODY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:2011-282232	 (71)Name of Applicant : 1)TOYOTA BOSHOKU KABUSHIKI KAISHA Address of Applicant :1-1, Toyoda-cho, Kariya-shi, Aichi 4488651 Japan 2)KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO (72)Name of Inventor : 1)KITO Masayuki 2)ARIO Toshiyuki 3)KAWADA Jumpei 4)MOURI Makoto 5)WATANABE Osamu 6)KATO Makoto 7)OKAMOTO Hirotaka
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(57) Abstract :

The purpose of the present invention is to provide: a thermoplastic resin composition which exhibits excellent rigidity while having excellent impact resistance characteristics; and a method for producing the thermoplastic resin composition. This thermoplastic resin composition wherein a polyolefin resin contains a polyamide resin that is dispersed therein is characterized in that: the thermoplastic resin composition is obtained by melting and kneading a polyolefin resin and a mixed resin that is obtained by melting and kneading a polyamide resin and a mixed resin that is obtained by melting and kneading a polyamide resin that is obtained by providing an elastomer (such as an olefin based thermoplastic elastomer or a styrene based thermoplastic elastomer) with a reactive group that is reactive with the polyamide resin. The present invention also relates to a thermoplastic resin composition which is obtained by melting and kneading from 1% by mass to 80% by mass (inclusive) of a plant derived polyamide resin such as polyamide 11 from 5% by mass to 75% by mass (inclusive) of a polyolefin resin and from 1% by mass to 30% by mass (inclusive) of a compatibilizer that is an olefin based thermoplastic elastomer that is modified with an acid.

No. of Pages : 65 No. of Claims : 10

(19) INDIA

(7 A) T'A

6.4

(22) Date of filing of Application :11/07/2014

VACUUN CIDCUUT DDE AVED

(43) Publication Date : 26/09/2014

(54) Title of the invention : VACUUM CII	RCUIT BREAKER	
 (51) International classification (31) Priority Document No (32) Priority Date (22) News Science in the second se	:H01H 33/66 :2011-281223 :22/12/2011	(71)Name of Applicant : 1)MEIDENSHA CORPORATION Address of Applicant :1-1,OSAKI 2-CHOME,SHINAGAWA-
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:Japan :PCT/JP2012/082204 :12/12/2012 :WO 2013/094493	KU, TOKYO 141-6029 JAPAN (72)Name of Inventor : 1)SATOSHI SAITOU 2)HIDEKI WATANABE
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a vacuum circuit breaker in which a vacuum valve (46) is disposed horizontally in a tank (31), the vacuum valve (46) is housed in an insulating case (51), the insulating case (51) comprises two insulating frames (52) consisting of a first insulating frame with a roughly C-shaped cross-section and a second insulating frame with a shape symmetrical to that of the first insulating frame, and the two insulating frames (52) are disposed with the openings of the roughly C-shaped cross-sections facing each other and a gap being provided therebetween, wherein cutaway sections (53, 54) for allowing a movable-side conductor (44) and a fixed-side conductor (48) to pass are provided in the upper and lower edges of the roughly C-shaped cross-sections of the insulating frames (52), and the insulating frames (52) are further provided with a mounting rib (55), a mounting end surface (61), and a tank mounting section (59) for mechanically securing the mobile-side conductor (44), the fixed-side conductor (48), and a tank flange (31a), respectively.

No. of Pages : 19 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : VIDEO DECODER, VIDEO ENCODER, VIDEO DECODING METHOD, AND VIDEO ENCODING METHOD

(51) International classification	:H04N 7/34	(71)Name of Applicant :
(31) Priority Document No	:2012-010465	1)FUJITSU LIMITED
(32) Priority Date	:20/01/2012	Address of Applicant :1-1, KAMIKODANAKA 4-CHOME,
(33) Name of priority country	:Japan	NAKAHARA-KU, KAWASAKI-SHI, KANAGAWA 211-8588,
(86) International Application No	:PCT/JP2013/051225	JAPAN
Filing Date	:16/01/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2013/108922	1)SATOSHI SHIMADA
(61) Patent of Addition to Application	:NA	2)KIMIHIKO KAZUI
Number		3)JUNPEI KOYAMA
Filing Date	:NA	4)AKIRA NAKAGAWA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A video decoder decoding an encoded stream includes a parallel entropy decoding part to entropy decode the stream of blocks in block lines in parallel, a parallel QP prediction part to compute prediction values of the blocks in the block lines in parallel, and a parallel decoding processing part to generate decoded pixels of the blocks in the block lines in parallel, the decoded pixel being obtained utilizing data decoded by the parallel entropy decoding part and the prediction value. When performing computing processing in parallel per unit of N block lines, the processing is performed on a processing block in a (K - 1)th block line preceding a processing block in a Kth block line by at least one block in a horizontal position to compute the prediction value of the processing block by referring to a block already processed corresponding to the processing block.

No. of Pages : 67 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION(19) INDIA		(21) Application No.1458/KOLNP/2014 A	
(22) Date of filing of Application :11/07/2014		(43) Publication Date : 26/09/2014	
(54) Title of the invention : TAMPER-RESISTANT DOSAGE FOR COMPOUND AND ANIONIC POLYMER		RM COMPRISING PHARMACOLOGICALLY ACTIVE	
(51) International classification	:A61K9/20,A61K31/135	(71)Name of Applicant :	
(31) Priority Document No	:12001301.6	1)GRÜNENTHAL GMBH	
(32) Priority Date	:28/02/2012	Address of Applicant :ZIEGLERSTRAβE 6, 52078	
(33) Name of priority country	:EPO	AACHEN, GERMANY	
(86) International Application No	:PCT/EP2013/053894	(72)Name of Inventor :	
Filing Date	:27/02/2013	1)BARNSCHEID,LUTZ	
(87) International Publication No	:WO 2013/127831	2)REDMER,JESSICA	
(61) Patent of Addition to Application	:NA	3)SCHWIER, SEBASTIAN	

4)--

:NA

:NA

:NA

20 wt.-%, based on the total weight of the pharmaceutical dosage form, and a nonionic surfactant.

The invention relates to a pharmaceutical dosage form having a breaking strength of at least 300 N and comprising a

pharmacologically active compound, an anionic polymer bearing carboxylic groups, wherein the content of the anionic polymer is \geq

Number

Filing Date

Filing Date

(57) Abstract :

(62) Divisional to Application Number

No. of Pages : 75 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :21/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : A HYDROGENATION CATALYST FOR CONVERTING A MIXTURE COMPRISING ACETIC ACID AND ETHYL ACETATE TO ETHANOL

(51) International classification	:B01J23/38,B01J23/652	(71)Name of Applicant :
(31) Priority Document No	:13/371,064	1)CELANESE INTERNATIONAL CORPORATION
(32) Priority Date	:10/02/2012	Address of Applicant :222 W.LAS COLINAS BLVD., SUITE
(33) Name of priority country	:U.S.A.	900N, IRVING, TEXAS 75039, U.S.A.
(86) International Application No	:PCT/US2012/066644	(72)Name of Inventor :
Filing Date	:27/11/2012	1)ZHOU,ZHENHUA
(87) International Publication No	:WO 2013/119306	2)WEINER,HEIKO
(61) Patent of Addition to Application	:NA	3)KUMAR,DHEERAJ
Number	:NA	4)TU,XIUOYAN
Filing Date	.INA	5)JOHNSTON,VICTOR J
(62) Divisional to Application Number	:NA	6)WOLLRAB,RADMILA
Filing Date	:NA	

(57) Abstract :

A hydrogenation catalyst and process using the catalyst for converting a mixture comprising acetic acid and ethyl acetate to ethanol at a first temperature, and the catalyst desorbs ethyl acetate, in the absence of hydrogen, at a second temperature that is greater than the first temperature. The catalyst has a suitable chemisorption of ethyl acetate at the first temperature in the absence of hydrogen. In one embodiment, the first temperature ranges from 125°C to 350°C and the second temperature ranges from 300°C to 600°C. The catalyst comprises one or more active metals or oxide thereof on a support that comprises tungsten or an oxide thereof. The one or more active metals are selected from the group consisting of cobalt, copper, gold, iron, nickel, palladium, platinum, iridium, osmium, rhenium, ruthenium, tin, zinc, lanthanum, cerium, manganese, chromium, vanadium, and molybdenum.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : BASE METAL FOR HIGH-TOUGHNESS CLAD STEEL PLATE GIVING WELD WITH EXCELLENT TOUGHNESS, AND PROCESS FOR PRODUCING SAID CLAD STEEL PLATE

(51) International classification	:C22C38/00,C22C38/14	(71)Name of Applicant :
(31) Priority Document No	:2012-016071	1)JFE STEEL CORPORATION
(32) Priority Date	:30/01/2012	Address of Applicant :2-3, UCHISAIWAI-CHO 2-CHOME,
(33) Name of priority country	:Japan	CHIYODA-KU, TOKYO 100-0011, JAPAN
(86) International Application No	:PCT/JP2013/000437	(72)Name of Inventor :
Filing Date	:28/01/2013	1)SHUNICHI TACHIBANA
(87) International Publication No	:WO 2013/114851	2)YOSHIHIRO YAZAWA
(61) Patent of Addition to Application	:NA	3)KEIICHIRO KISHI
Number	:NA	4)YOTA KURONUMA
Filing Date	.184	5)TOSHIYUKI HOSHINO
(62) Divisional to Application Number	:NA	6)KIMIHIRO NISHIMURA
Filing Date	:NA	7)HITOSHI SUEYOSHI

(57) Abstract :

A base metal for high-toughness clad steel plates that give welds with excellent toughness, characterized by containing, in terms of mass%, 0.030-0.10% C, 0.10-0.30% Si, 1.00-1.60% Mn, up to 0.015% P, up to 0.003% S, and less than 0.010% V and further containing one or more elements selected from 0.05-0.50% Mo, 0.010-0.060% Nb, 0.005-0.020% Ti, up to 0.040% Al, 0.0010-0.0040% Ca, and 0.0030-0.0060% N, with the remainder comprising Fe and unavoidable impurities. The base metal is further characterized by having a percent ductile fracture of 85% or higher in a -20°C drop weight tear test (DWTT) and having a value of vE-20°C, measured at a location 3 mm apart from the heat affected zone (HAZ), of 100 J or more.

No. of Pages : 29 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:2012-010561 :23/01/2012 :Japan	 (71)Name of Applicant : 1)JFE STEEL CORPORATION Address of Applicant :2-3, UCHISAIWAI-CHO 2-CHOME, CHIYODA-KU, TOKYO 100-0011, JAPAN (72)Name of Inventor : 1)HARAKO, DAISUKE 2)FUSHIWAKI, YUSUKE 3)SUZUKI, YOSHITSUGU 4)NAGATAKI, YASUNOBU
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(54) Title of the invention : ALLOYED HOT-DIP ZINC-COATED STEEL SHEET

(57) Abstract :

Provided are: an alloyed hot-dip zinc-coated steel sheet having excellent corrosion resistance, coating-adhering properties and hydrogen brittleness resistance; and a method for producing the steel sheet. The steel sheet comprises: a steel sheet containing 0.02 to 0.30% inclusive of C, 0.01 to 2.5% inclusive of Si, 0.1 to 3.0% inclusive of Mn, 0.003 to 0.08% inclusive of P, 0.01% or less of S and 0.001 to 0.20% inclusive of Al and additionally containing at least one selected from 0.03 to 0.40% inclusive of Ti, 0.001 to 0.2% inclusive of Nb, 0.001 to 0.2% inclusive of V, 0.01 to 0.5% inclusive of Mo and 0.001 to 0.2% inclusive of W; and a zinc coating layer arranged on the surface of the steel sheet and containing 7 to 15% of Fe. In the zinc coating layer, a carbide having an average particle diameter of 1 to 20 nm inclusive and comprising at least one element selected from Ti, Nb, V, Mo and W is contained at a density of 5 particles or more per section that is formed by partitioning the thickness of the coating layer in the thickness direction at 1- μ m intervals and also partitioning the cross section of the coating layer in a direction perpendicular to the thickness direction of the coating layer at 1- μ m intervals.

No. of Pages : 32 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :21/07/2014

(43) Publication Date : 26/09/2014

(51) International classification	:F04C18/16,F04C28/06	(71)Name of Applicant :
(31) Priority Document No	:2012/0119	1)ATLAS COPCO AIRPOWER
(32) Priority Date	:28/02/2012	Address of Applicant :NAAMLOZE VENNOOTSCHAP
(33) Name of priority country	:Belgium	BOOMSESTEENWEG 957, B-2610 WILRIJK, BELGIUM
(86) International Application No	:PCT/BE2012/000032	(72)Name of Inventor :
Filing Date	:27/06/2012	1)DESIRON ANDRIES JAN F.
(87) International Publication No	:WO 2013/126969	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Compressor device that is at least provided with a screw compressor (2) with a compression chamber (3) that is formed by a compression housing (4), with a drive motor (10) that is provided with a motor chamber (12) formed by a motor housing (11) and with an outlet (26) for the discharge of compressed air that is connected to a pressure vessel (32) via an outlet pipe (31), whereby the compression housing (4) and the motor housing (11) are connected directly to one another to form a compressor housing (48), whereby the motor chamber (12) and the compression chamber (3) are not sealed off from one another and whereby the outlet pipe (31) between the pressure vessel (32) and the screw compressor (2) is free of closing means.

No. of Pages : 46 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :21/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : ALPHA-AMINO BORONIC ACID DERIVATIVES, SELECTIVE IMMUNOPROTEASOME INHIBITORS

(51) International classification	:A61K31/69,A61P37/00	(71)Name of Applicant :
(31) Priority Document No	:11195107.5	1)ARES TRADING S.A.
(32) Priority Date	:22/12/2011	Address of Applicant : ZONE INDUSTRIELLE DE
(33) Name of priority country	:EPO	L'OURIETTAZ, CH-1170 AUBONNE, SWITZERLAND
(86) International Application No	:PCT/EP2012/076595	(72)Name of Inventor :
Filing Date	:21/12/2012	1)DOMINIQUE SWINNEN
(87) International Publication No	:WO 2013/092979	2)STEFANO CROSIGNANI
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)SEENISAMY, JEYAPRAKASHNARAYANAN 4)FEDERICA MORANDI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides compounds of Formula (I) as inhibitors of LMP7 for the treatment of autoimmune and inflammatory diseases. In formula (I), Rb and Rc are independently selected from one another from H or C1-C6-alkyl; whereby Rb and Rc may be linked to form a 5 or 6 membered-ring containing the oxygen atoms to which they are linked; Q denotes Ar, Het or cycloalkyl; R1 R2 independently from each other denotes H, ORa, Hal, C1-C6-alkyl wherein 1 to 5 H atoms may be independently replaced by OH or Hal; Y denotes CR 3R4, preferably CH2 or C(CH3)2; R 3, R4 independently of one another denote H or C1-C6-alkyl; L denotes L1 or L2 or alkyl; n is an integer selected from 0 to 3; L 1 is Q1-CO-M- wherein Q 1 is Ar or Het, preferably, phenyl, naphthyl or pyridine, optionally substituted with 1 to 5 groups independently selected from ORa, Hal, phenyl, and C1-C6-alkyl wherein 1 to 5 H atoms may be independently replaced by OH or Hal; L2 is Q2-M- wherein Q 2 is a fused bicyclic system containing 1 nitrogen atom and 1 to 3 additional groups independently selected from O, S, N, or CO, and wherein at least one of the rings is aromatic whereby the fused bicyclic system is optionally substituted with 1 to 5 groups independently selected from ORa, Hal, phenyl, and C1-C6-alkyl wherein 1 to 5 H atoms may be independently replaced by OH or Hal; or Q 2 is unsaturated or aromatic 5 membered-ring system containing 1 to 3 heteroatoms selected from N, O, S and CO, and optionally substituted with a phenyl ring or pyridine ring whereby phenyl ring and pyridine ring are optionally substituted with 1 to 4 groups independently selected from ORa, Hal, phenyl, and C1-C6-alkyl wherein 1 to 5 H atoms may be independently replaced by OH or Hal; M is a linear or branched alkylene having 1 to 5 carbon atoms wherein 1 or 2 H atoms may be replaced by OR a or a phenyl ring optionally substituted with 1 to 5 groups independently selected from Hal, ORa, and C1-C6-alkyl optionally substituted with 1 to 5 groups independently selected from OH, and Hal; or M denotes a cycloalkylene having 3 to 7 carbon atoms; or M denotes a thiazolidinyl group; R a is H or C1-C6-alkyl wherein 1 to 5 H atom may be independently replaced by OH or Hal; Ar denotes a 6 membered-aromatic carbocyclic ring optionally fused with another carbocyclic saturated, unsaturated or aromatic ring having 5 to 8 carbon atoms; Het denotes a 5- or 6-membered saturated, unsaturated or aromatic heterocyclic ring having 1 to 3 heteroatoms independently selected from N, N+O-, O, S, SO, and SO 2, and optionally fused with another saturated, unsaturated or aromatic ring having 5 to 8 atoms and optionally containing 1 to 3 heteroatoms selected from N, O, and S; Hal denotes CI, Br, I of F; preferably CI or F.

No. of Pages : 156 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 26/09/2014

	ONER	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F24F 1/30,F24F 1/16 :2011-280825 :22/12/2011 :Japan	(71)Name of Applicant : 1)DAIKIN INDUSTRIES, LTD. Address of Applicant :UMEDA CENTER BUILDING, 4-12, NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI, OSAKA 530-8323, JAPAN (72)Name of Inventor : 1)YASUTAKA OHTANI
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:30/11/2012 :WO 2013/094386 :NA :NA	1)YASUTAKA OHTANI 2)YOSHIO ORITANI 3)TAKUYA KAZUSA 4)MASANORI JINDOU
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	5)JUNICHI HAMADATE

(54) Title of the invention : AIR CONDITIONER

(57) Abstract :

The objective of the present invention is to prevent corrosion of aluminum liquid pipes and aluminum gas pipes extending from an aluminum heat exchanger. An aluminum heat-exchanger-side gas pipe (31) for circulating gaseous refrigerant and an aluminum heatexchanger-side liquid pipe (32) for circulating liquid refrigerant extend from the side of an aluminum outdoor heat exchanger (20). The heat-exchanger-side liquid pipe (32) extends from the side of the outdoor heat exchanger (20) below the heat-exchanger-side gas pipe (31). The aluminum heat-exchanger-side gas pipe (31) is connected to a copper gaseous refrigerant pipe (41) from above the copper gaseous refrigerant pipe (41). The aluminum heat-exchanger-side liquid pipe (32) is arranged in a region other than the region directly below the connecting part (45) between the heat-exchanger-side gas pipe (31) and the copper gaseous refrigerant pipe (41).

No. of Pages : 30 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 26/09/2014

(51) International classification	:A61G 10/02	(71)Name of Applicant :
(31) Priority Document No	:2012-004128	1)SHUGAKU LIMITED COMPANY
(32) Priority Date	:12/01/2012	Address of Applicant :25-13, NEGOYA, UEDAMACHI,
(33) Name of priority country	:Japan	IWAKI-SHI FUKUSHIMA 974-8261, JAPAN
(86) International Application No	:PCT/JP2013/050425	2)HATTORI CORPORATION
Filing Date	:11/01/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2013/105644	1)KAWAKAMI, YUKICHIKA
(61) Patent of Addition to Application	:NA	2)KAWAKAMI, YOSUKE
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(E7) Alterative et :		•

(54) Title of the invention : DEVICE FOR ENHANCING HEALING ABILITY OF LIVING ORGANISM

(57) Abstract :

A device for enhancing healing ability of living organism, which has an effect of healing a living organism by returning a tissue or organ of the body thereof, said tissue or organ being in an abnormal state, into the normal state without generating such a large difference in pressure as required for equalizing the pressure in the ears to the external pressure. The device for enhancing healing ability of living organism comprises a pressurizing means, a depressurizing means and a pressurization/depressurization controlling means, wherein a depressurization step for changing the atmosphere inside an airproof chamber, which can be airproofed, to a depressurized state and a pressurization step for changing the atmosphere from the depressurized state to the normal state are continuously and constantly repeated a preset number of times in a controlled manner by these means, and the minimum pressure in the depressurization step is equal to the pressure of the atmosphere at a height of 100 m or higher.

No. of Pages : 33 No. of Claims : 4

(21) Application No.1551/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/07/2014

(43) Publication Date : 26/09/2014

(51) International classification	:G06F19/00	(71)Name of Applicant :
(31) Priority Document No	:1202368.5	1)TRAKCEL LTD
(32) Priority Date	:10/02/2012	Address of Applicant :Biotec House, Central Park, Western
(33) Name of priority country	:U.K.	Avenue, Bridgend, Mid Glamorgan CF31 3RT, U.K.
(86) International Application No	:PCT/GB2013/050282	(72)Name of Inventor :
Filing Date	:07/02/2013	1)CHEN, Bin
(87) International Publication No	:WO 2013/117928	2)PEER, Akshay
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : TRACKING OF PHYSIOLOGICAL OR MEDICINAL SAMPLES

(57) Abstract :

A tracking device captures biometric and other data for a sample matched to a patient from whom biometric data has been stored. The sample can proceed to subsequent steps only if there is identity between the captured biometric data and the stored biometric data. Where there is identity, a first processing operation is performed. A tracking device captures biometric data, other data concerning the sample and the first processing operation; the captured biometric data is compared with biometric data in the data repository. The sample can proceed only if there is identity between the captured biometric data and the stored biometric data; where there is identity, a further processing operation is performed. A tracking device captures biometric data, other data concerning the sample and the further processing operation; the captured biometric data is compared with biometric data concerning the sample and the further processing operation; the captured biometric data is compared with biometric data repository. These steps are repeated as many times as needed.

No. of Pages : 23 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :23/07/2014

(54) Title of the invention : METHOD AND DEVICE FOR FIXING AND SYNCHRONISING ROTARY PISTONS IN A ROTARY PISTON PUMP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F04B 15/00 :10 2012 003 066.5 :17/02/2012 :Germany :PCT/DE2013/100056 :14/02/2013 :WO 2013/120488 :NA :NA :NA :NA	 (71)Name of Applicant : 1)NETZSCH MOHNOPUMPEN GMBH Address of Applicant :Gebrüder-Netzsch-Strasse 19, 95100 Selb, GERMANY (72)Name of Inventor : WEIGL, Stefan DENK, Reinhard KAMAL, Hisham STRASSL, Josef KURZ, Robert MURRENHOFF, Bernhard BOEHME, Thomas HERR, Gunther KNEIDL, Franz TO)TEKNEYAN, Mikael GRADL, Matthias WEBER, Erwin WILLIS, Roger KEIDL, Johann VERHOEVEN, Marcel
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(57) Abstract :

The invention relates to a method and to a device for fixing and synchronising rotary pistons in a rotary piston pump. The rotary pistons are housed in the pump chamber of the rotary piston pump. A shaft stub of each rotary piston is then pushed through a pump rear wall onto a drive shaft provided for the respective piston. The rotary pistons are aligned and synchronised in the pump chamber using a template, wherein the template is detachably fastened to a pump housing. After the synchronisation, the shaft stub of each rotary piston is non-positively connected to the respective drive shaft outside the pump chamber by means of a respective clamping apparatus.

No. of Pages : 21 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : APPARATUS AND METHODS FOR TREATING PULMONARY HYPERTENSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/576.318 :15/12/2011 :U.S.A. :PCT/US2012/069945 :14/12/2012 :WO 2013/090848 :NA :NA	 (71)Name of Applicant : 1)THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY Address of Applicant :1705 E1 CAMINO REAL, PALO ALTO, CALIFORNIA 94306 U.S.A. (72)Name of Inventor : 1)GNANASHANMUGAM, SWAMINADHAN 2)KOEHLER, JEREMY CHRISTOPHER 3)SUH, INSOO 4)COE, JONATHAN A.
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(57) Abstract :

A method is described for decreasing activity of at least one sympathetic nerve, nerve fiber or neuron innervating at least one blood vessel in the pulmonary vasculature of a patient to ameliorate pulmonary hypertension. In one embodiment, the method may involve advancing an intravascular treatment device to a target location in a target blood vessel within the pulmonary vasculature of the patient and using the treatment device to decrease activity of at least one sympathetic nerve, nerve fiber or neuron innervating the target blood vessel at or near the target location to ameliorate pulmonary hypertension.

No. of Pages : 86 No. of Claims : 46

(19) INDIA

(22) Date of filing of Application :21/07/2014

(43) Publication Date : 26/09/2014

(51) International classification	:B29D 30/20	(71)Name of Applicant :
(31) Priority Document No	:201110433490.0	1)YUAN, ZHONGXUE
(32) Priority Date	:22/12/2011	Address of Applicant :GAO HONG/R&D/MESNAC CO.
(33) Name of priority country	:China	LTD NO. 43 ZHENGZHOU ROAD, SIFANG QINGDAO,
(86) International Application No	:PCT/CN2012/086846	SHANDONG 266042 PEOPLE'S REPUBLIC OF CHINA
Filing Date	:18/12/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/091527	1)YUAN, ZHONGXUE
(61) Patent of Addition to Application	:NA	2)CHENG, JIGUO
Number		3)WU, SHOUTAO
Filing Date	:NA	4)YANG, HUILI
(62) Divisional to Application Number	:NA	5)SUN, MINGXIN
Filing Date	:NA	
		1

(54) Title of the invention : TIRE BUILDING MACHINE AND BOOST TURN-UP METHOD THEREOF

(57) Abstract :

The present invention provides a tire building machine and a boost turn-up method thereof. A mechanical boost turn-up method and device are used. Mechanical boost devices at two sides of a forming drum provide a capsule or a turn-up rod with an axial thrust simultaneously, evenly, and continuously to assist the capsule or the turn-up rod in completing the whole turn-up process, so as to implement an turn-up operation with a stable pressure and equilibrium distribution, thereby improving the tire blank forming quality. In the boost turn-up method, the building machine comprises a belt-layer drum borne and driven by a belt-layer drum chassis, and a forming drum borne and driven by a forming drum chassis. A first boost device is axially disposed at a side portion of the belt-layer drum, and a second boost device is axially disposed at a side portion of a tire blank in a turn-up manner, the first boost device and the second boost device push, in symmetry along a vertical centerline of the forming drum, the capsule or the turn-up rod from the two sides of the forming drum toward the center, and meanwhile, impose the same thrust to assist the implementation of the turn-up operation.

No. of Pages : 11 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :21/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : ONCE-THROUGH, TWIN-DRUM FORMING MACHINE FOR MOTOR TYRES AND METHOD THEREFOR

	D20D 20/17	
(51) International classification	:B29D 30/16	(71)Name of Applicant :
(31) Priority Document No	:201110456797.2	1)YUAN, ZHONGXUE
(32) Priority Date	:31/12/2011	Address of Applicant :MESNAC. CO. LTD/R&D/GAO
(33) Name of priority country	:China	HONG NO. 43 ZHENGZHOU ROAD, SIFANG QINGDAO,
(86) International Application No	:PCT/CN2012/087977	SHANDONG 266042 PEOPLE'S REPUBLIC OF CHINA
Filing Date	:31/12/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/097790	1)YUAN, ZHONGXUE
(61) Patent of Addition to Application	:NA	2)CHENG, JIGNO
Number		3)WU, SHOUTAO
Filing Date	:NA	4)SUN, MINGXIN
(62) Divisional to Application Number	:NA	5)ZHANG, HONGYE
Filing Date	:NA	

(57) Abstract :

The once-through, twin-drum forming machine for motor tyres and the method therefor according to the present invention provide a basic construction of a twin-drum triple-station forming machine. By means of respectively pre-preparing a bead ring and a belt layertread assembly, a forming drum able to move axially and bearing a carcass assembly enters a forming roll-extrusion station, thus effectively optimizing the entire manufacturing process, further shortening the time taken to prepare a single tyre blank, and increasing production efficiency. The forming machine comprises a main frame and a feeding frame. A belt layer drum ply station located at one side of a belt layer drum, a main feeding frame ply station located at one side of the forming drum, and a forming roll-extrusion station located at one side of a combined pressing roller are provided along the centreline of a main shaft of the main frame. The prepared belt layer-cap plies-tyre tread assembly and the sidewall-inner liner-carcass cord assembly are transported to the station and combined with the bead ring to perform the processes of turn-up forming and roll-extrusion of a tyre blank; the forming roll-extrusion station is located between the belt layer drum ply station and the forming roll-extrusion station.

No. of Pages : 13 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :25/02/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : FUEL INJECTION C	UNIKULLEK.	
(51) International algorithmation	:F02D	(71)Name of Applicant :
(51) International classification	41/00	1)YAMAHA HATSUDOKI KABUSHIKI KAISHA
(31) Priority Document No	:2013-	Address of Applicant :2500,SHINGAI,IWATA-
	060591	SHI,SHIZUOKA-KEN 438-8501, JAPAN
(32) Priority Date	:22/03/2013	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)YOKO FUJIME
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : FUEL INJECTION CONTROLLER.

(57) Abstract :

A fuel injection controller includes an oxygen sensor (33) for responding to an oxygen concentration inside an exhaust passage (43), and an injection amount control unit (50) programmed to control a fuel injection amount based on the output of the oxygen sensor (33). The injection amount control unit (50) includes an injection amount correction value computing unit (66) for determining an injection amount correction value (C) based on the output of the oxygen sensor (33), a short-time learning value computing unit (67) for determining a short-time learning value (S) based on the injection amount correction value (C), a long-time learning value computing unit (68) for determining a long-time learning value (L) based on the short-time learning value (S); a feedback correction amount computing unit (65, 71) for computing a feedback correction amount, an injection amount control value computing unit (69) for computing a control value of the fuel injection amount, and a long-time learning value holding unit (52N) for holding the long-time learning value (L).

No. of Pages : 59 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION	

(19) INDIA

(22) Date of filing of Application :18/07/2014

(54) Title of the invention : POWER CON	VERSION CIRCUIT.	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H02M 1/12 :2012-015428 :27/01/2012 :Japan	(71) Name of Applicant : 1)DAIKIN INDUSTRIES,LTD Address of Applicant :UMEDA CENTER BUILDING, 4- 12,NAKAZAKI-NISHI 2-CHOME,KITA-KU,OSAKA-SHI, OSAKA 530-8323,JAPAN (72) Name of Inventor : 1)YASUTAKA TAGUCHI
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A compensating current is outputted except during an interval where a leakage current is not pronounced, whereby losses resulting from the passage of the compensating current are reduced. A converter (11) to which an alternating current is inputted from an AC power supply (3) rectifies the alternating current to output it to a DC link (15). An inverter (14) is connected through the DC link (15) to the converter (11) and converts a direct current into an alternating current to output it to a load (4). A leakage current detector (21) outputs a detection current (Ib) corresponding to a leakage current (Ia) leaking from the load (4). A compensating current output end (223) is connected to a location (41) where the leakage current (Ia) leaks, and outputs a compensating current (Ic) compensating for the leakage current (Ia) in response to the detection current (Ib). A switch (8) sets whether to input the detection current (Ib) to the compensating current output section (22) or not.

No. of Pages : 24 No. of Claims : 10

(19) INDIA(22) Date of filing of Application :18/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : USE OF CYCLOHEXANOL DERIVATIVES AS ANTIMICROBIAL ACTIVE COMPOUNDS

(51) International classification	:A61K 8/00	(71)Name of Applicant :
(31) Priority Document No	:11010039.3	1)MERCK PATENT GMBH
(32) Priority Date	:21/12/2011	Address of Applicant :FRANKFURTER STRASSE 250
(22) Nome of priority, country	:EUROPEAN	64293 DARMSTADT, GERMANY
(33) Name of priority country	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/004980	1)RUDOLPH,THOMAS
Filing Date	:03/12/2012	2)MUELLER,TATJANA
(87) International Publication No	:WO 2013/091775	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the use of at least one cyclohexanol derivative of the formula (I) and/or (II) as antimicrobial active compound or as anti-acne, antidandruff, antiperspirant or deodorant active compound, to preparations comprising these compounds, and to specific cyclohexanol derivatives and to a process for the preparations thereof.

No. of Pages : 92 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :18/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : MODULAR TERMINAL BLOCK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/EP2013/052555 :08/02/2013 :WO 2013/117704 :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)CORRELL,Michael,Anthony 2)BARBER,Terry,Lee 3)BRAUNS,Michael
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(57) Abstract :

A terminal block for mounting on a DIN rail includes a plurality of stacked modules with each module having a contact body and an extender body mounted on the contact body. A circuit board or electronic component is mounted on the contact body and the extender body. Different size extender bodies may be mounted on a common contact body to accommodate mounting different size circuit boards or components on the block.

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :12/03/2013

(54) Title of the invention : A METHOD OF FABRICATING A THIN FILM AMORPHOUS SILICON SOLAR CELL

(51) International classification:C23C(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	 (71)Name of Applicant : (71)Name of Applicant : (71)TATA STEEL LIMITED Address of Applicant :JAMSHEDPUR-831001,INDIA Jharkhand India (72)Name of Inventor : 1)R.O. DUSANE (72)NOUMILYA NAYAK 3)ABHIJIT SANGLE 4)SURENDRA KUMAR SONI 5)PAVAN KUMAR BIJALWAN 6)BHAGWATI PRASAD 7)MONOJIT DUTTA
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(57) Abstract :

The invention relates to a method for fabricating a thin film solar cell. The method provides depositing an insulating barrier layer and active layers (n-i-p junction) on a metallic substrate by hot wire chemical vapour deposition (HWCVD) technique. The top transparent conducting Aluminium doped Zinc oxide layer is deposited by RF sputtering technique. The invention provides a cost effective method of manufacturing a solar cell using mild steel as substrate.

No. of Pages : 21 No. of Claims : 15

(22) Date of filing of Application :11/03/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD, DEVICE AND SYSTEM FOR CONTROLLING USE OF EXTERNAL DATA NETWORK VIA MOBILE ACCESS POINT

(31) Priority Document No :10-2013- 0027577	 (71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO., LTD. Address of Applicant :129, SAMSUNG-RO YEONGTONG- GU, SUWON-SI, GYEONGGI-DO 443-742, REPUBLIC OF KOREA (72)Name of Inventor : 1)KEUM-JU JANG 2)SU-YOUNG PARK 3)SUN-MIN HWANG 4)JU-SEUNG LEE
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(57) Abstract :

A method and a device for controlling external data network use via a mobile Access Point (AP) are provided. A host device set as the mobile AP determines whether a data-less mode is set, blocks a client device from using the external data network via the mobile AP, if the data-less mode is set, and permits the client device to use the external data network via the mobile AP, if the data-less mode is released. A client device connected to a mobile AP determines whether a data-less mode is set for a host device set as the mobile AP, if the client device is connected to the host device in a state of being connected to a wireless data network, maintains the connection to the wireless data network, if the data-less mode is set, and releases the connection to the wireless data network, if the data-less mode is released.

No. of Pages : 40 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :14/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR THE OPERATION OF A MARINE PROPELLER

(51) International classification	:B63H 1/18,B63H 21/22	(71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT
(31) Priority Document No	:102012201539.6	Address of Applicant :WITTELSBACHERPLATZ 2, 80333
(32) Priority Date	:02/02/2012	MÜNCHEN GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2013/051636	1)JOACHIM HOFFMANN
Filing Date	:29/01/2013	
(87) International Publication No	:WO 2013/113681	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

The invention relates to a method for the operation of a marine propeller (1) comprising the following steps: - detection, by means of a sensor (11), of noise on a solid body (1, 4, 8) caused by gas cavitation and/or pseudocavitation, - transmission of a measurement signal of the sensor (11) by means of a contactless transmission method from the sensor (11) to a signal processing unit, and - generation of control commands by the signal processing unit depending on the received measurement signal to change the propeller speed by means a drive motor and/or to change the angle of attack of the blade of the marine propeller (1) by means of an actuator.

No. of Pages : 23 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :14/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : APPARATUS AND METHOD FOR USING SOLAR RADIATION IN ELECTROLYSIS PROCESS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C25B 1/04,C25B 15/00 :217507 :12/01/2012 :Israel :PCT/IL2013/050034 :13/01/2013 :WO2013/105097 :NA :NA :NA	 (71)Name of Applicant : 1)YEDA RESEARCH AND DEVELOPMENT CO.LTD Address of Applicant :WEIZMANN INSTITUTE OF SCIENCE, P.O.BOX95, REHOVOT 76100, ISRAEL. (72)Name of Inventor : 1)JACOB KARNI 2)YURI ALIOSHIN 3)DAVID BANITT 4)DAVID SCHEINER 5)ROI HARPAZ 6)BARUCH FINAROV
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A solar-driven apparatus is provided having: a cavity having at least one optical window for collecting electromagnetic radiation associated with solar energy impinging on said at least one optical window; a reaction assembly located inside the cavity and adapted to enable carrying out electrolysis process of at least one raw fluid utilizing energy derived partially from the solar radiation and partially from an electric source; one or more ingress units operative to allow introduction of the raw fluid into the apparatus; and one or more egress units operative to allow exit of the electrolysis process products from the solar driven apparatus.

No. of Pages : 33 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :21/02/2014

(54) Title of the invention : GAS-INSULATED DEVICE FOR ELECTRICAL POWER AND OPERATION METHOD THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:2013- 054241	 (71)Name of Applicant : 1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1-1,SHIBAURA 1-CHOME, MINATO-KU, TOKYO 105-8001 JAPAN (72)Name of Inventor : 1)AKIRA YAMADA
Filing Date (87) International Publication No ((1) Patent of Addition to Application Number	:NA : NA	2)HISAO OOMURA 3)HIROFUMI OKABE
(61) Patent of Addition to Application Number Filing Date(62) Divisional to Application Number	:NA :NA :NA	4)KEI KAWASAKI 5)AMANE MAJIMA
Filing Date	:NA	

(57) Abstract :

A gas-insulated device for electrical power is disclosed that includes: a fixed contact unit and a movable contact unit which are disposed to face with each other in an airtight container filled with a carbon dioxide gas or a gas mixture including a carbon dioxide gas, serving as an arc extinguishing gas. The fixed contact unit includes a fixed arc contact, a fixed conduction contact disposed outside the fixed arc contact, and a conductive supporting member for electrically connecting between the fixed arc contact and the fixed conduction contact and supporting these contacts.

No. of Pages : 13 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :13/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A PROCESS FOR DEWATERING OF FURNACE SLUDGE INCLUDING GAS CLEANING PLANT ULTRAFINE PARTICLES TO PRODUCE SOLID CAKES WITH REDUCED MOISTURE APPLICABLE TO AGGLOMERATION PROCESS.

(51) International classification	:C02F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(33) Name of priority country	:NA	AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR-
(86) International Application No	:NA	831001, Jharkhand India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SUNIL KUMAR TRIPATHY
(61) Patent of Addition to Application Number	:NA	2)VEERENDRA SINGH
Filing Date	:NA	3)ASHIS KUMAR SATPATHY
(62) Divisional to Application Number	:NA	4)B. D. NANDA
Filing Date	:NA	

(57) Abstract :

The invention relates to a process for dewatering of furnace sludge including gas cleaning plant ultrafine particles to produce solid cakes with reduced moisture applicable to agglomeration process, comprising the steps of : conditioning the slurry in a condition tank by adding a pH regulator and stirring with the agitator to maintain a pH value less than 9; feeding the conditioned slurry in a flocculating tank and adding a known flocculent to form the floccule of ultra fine sludge particles; and pumping the flocculated slurry into a pressure filter at a pressure between 7-10 bars for solid liquid separation and allowing air at a pressure between 5-10 bars to pass for a period about 5-8 minutes to form solid cakes useable for agglomeration.

No. of Pages : 15 No. of Claims : 14

(22) Date of filing of Application :12/03/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : DISTRIBUTION CONTROL SYSTEM AND DISTRIBUTION CONTROL METHOD

(51) International classification	:H04N 5/00	(71)Name of Applicant :
(31) Priority Document No	:2013- 054413	1)RICOH COMPANY, LIMITED Address of Applicant :3-6, Nakamagome 1-Chome, Ohta-ku,
(32) Priority Date	:15/03/2013	Tokyo 143-8555 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)KASATANI KIYOSHI
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 distribution control system distributes data to a communication terminal through a communication network. The distribution control system includes a receiver configured to receive, from the communication terminal, transmission delay time information indicating transmission delay time from when the data is distributed by the distribution control system to when the data is received by the communication terminal; and a changing unit configured to change, based on the transmission delay time information received by the receiver, a parameter of reproduction quality when the data is reproduced by the communication terminal.

No. of Pages : 109 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :21/07/2014

(43) Publication Date : 26/09/2014

(51) International classification :G06F3/03,G06F3/041 (71)Name of Applicant : (31) Priority Document No :10-2012-0019351 1)SAMSUNG ELECTRONICS CO., LTD. (32) Priority Date Address of Applicant :129. SAMSUNG-RO. YEONGTONG-:24/02/2012 (33) Name of priority country GU, SUWON-SI GYEONGGI-DO 443-742, REPUBLIC OF :Republic of Korea (86) International Application No :PCT/KR2013/000939 KOREA Filing Date :06/02/2013 (72)Name of Inventor : (87) International Publication No :WO 2013/125804 1)LEE, KI WON (61) Patent of Addition to Application 2)KIM, SANG HEON :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD AND APPARATUS FOR MOVING CONTENTS IN TERMINAL

(57) Abstract :

Provided are a method and apparatus for moving contents on a screen in a terminal which allows a user to scroll in various directions within a contents page larger than a screen. An initial threshold region is established, which surrounds an initial touch point over displayed contents. A drag movement is detected from the initial touch point to a current touch point breaching the initial threshold region. The contents are moved in the direction of the drag movement if the current touch point is outside predetermined X and Y channels. The contents are moved in only the X or Y direction if the current touch point is within the X or Y channel, respectively. Thus, linear scroll of contents can be produced despite an unintentional nonlinear drag movement.

No. of Pages : 42 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :21/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : TETRAAZA-CYCLOPENTA[A]INDENYL AND THEIR USE AS POSITIVE ALLOSTERIC MODULATORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:C07D 471/14 :61/578,931 :22/12/2011 :U.S.A. :PCT/EP2012/004968 :30/11/2012 :WO 2013/091773 :NA :NA	 (71)Name of Applicant : 1)MERCK PATENT GMBH Address of Applicant :FRANKFURTER STRASSE 250, 64293 DARMSTADT, GERMANY (72)Name of Inventor : 1)SWINNEN, DOMINIQUE 2)MONTAGNE, CYRIL 3)POMEL, VINCENT 4)QUATTROPANI, ANNA
Filing Date (62) Divisional to Application Number	:NA :NA	5)MOLETTE, JEROME 6)GERBER, PATRICK
Filing Date	:NA	of the second seco

(57) Abstract :

The present invention provides compounds of Formula (I) as M1 receptor positive allosteric modulators for the treatment of diseases mediated by the muscarinic M1 mediator.

No. of Pages : 256 No. of Claims : 13

(21) Application No.1535/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/07/2014

(43) Publication Date : 26/09/2014

(51) International classification	:B65G 43/00	(71)Name of Applicant :
(31) Priority Document No	:12153974.6	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:06/02/2012	Address of Applicant :WITTELSBACHERPLATZ 2, 80333
(33) Name of priority country	:EPO	MÜNCHEN GERMANY
(86) International Application No	:PCT/EP2012/073433	(72)Name of Inventor :
Filing Date	:23/11/2012	1)WOLF-MARTIN RASENACK
(87) International Publication No	:WO 2013/117260	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NT A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METHOD FOR OPERATING A CONVEYOR INSTALLATION

(57) Abstract :

The invention relates to a method for operating a conveyor installation (2) comprising a belt (4) and at least one drive drum (6) for driving said belt (4), in which the torque (M) acting on the drive drum (6) is controlled, in order to alter the speed of the belt (4), within a time window (Δ t) that is defined by a first rotational speed (n1) of the drive drum (6) and a second rotational speed (n2) of the drive drum (6).

No. of Pages : 15 No. of Claims : 7

(21) Application No.1536/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/07/2014

(43) Publication Date : 26/09/2014

(51) International classification	:F24F 1/16	(71)Name of Applicant :
(31) Priority Document No	:2011-290085	1)DAIKIN INDUSTRIES, LTD.
(32) Priority Date	:28/12/2011	Address of Applicant :UMEDA CENTER BUILDING, 4-12,
(33) Name of priority country	:Japan	NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI,
(86) International Application No	:PCT/JP2012/083573	OSAKA 530-8323, JAPAN
Filing Date	:26/12/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/099903	1)TOMOHIRO MASUI
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : OUTDOOR UNIT FOR REFRIGERATION DEVICE

(57) Abstract :

A non-aluminum metal side plate and an aluminum or aluminum alloy bracket for attaching an aluminum or aluminum alloy heat exchanger are secured, and corrosion of the aluminum or aluminum alloy bracket is prevented. The attachment piece (53) of an aluminum bracket (50) is secured to a steel side plate (23) on the side of an air blower chamber. The steel side plate (23) on the side of the air blower chamber has an opening (233g) through which the attachment piece (53) of the aluminum bracket (50) penetrates. The attachment piece (53) of the aluminum bracket (50) is secured by penetrating the opening (233g). A resin cover (60) is disposed between the aluminum bracket (50) and the steel side plate (23) on the side of the air blower chamber and forms a predetermined space between the aluminum bracket (50) and the steel side plate (23) on the side of the air blower chamber.

No. of Pages : 39 No. of Claims : 7

(19) INDIA(22) Date of filing of Application :12/03/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : APPLICATIONS PRESENTATION METHOD AND SYSTEM OF MOBILE TERMINAL (51) International classification :G06F (71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO., LTD. :10-2013-(31) Priority Document No Address of Applicant :129. SAMSUNG-RO, YEONGTONG-0027157 :14/03/2013 GU, SUWON-SI, GYEONGGI-DO, REPUBLIC OF KOREA (32) Priority Date :Republic (72)Name of Inventor : (33) Name of priority country 1)JAESUNG KU of Korea (86) International Application No :NA 2)JOOHYUN KIM Filing Date :NA **3)JONGSANG WON** (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 applications presentation method and system is provided, the method and system including displaying, a map on a display when a map application is executed, the map scaled to a location range, searching via a processor for installed applications having location information corresponding to the location range among a plurality of applications stored in the mobile terminal, transmitting information identifying at least the location range and the installed applications to an application provision server, receiving information on non- installed applications having the location information corresponding to the location shaving the location information corresponding to the location range from the application provision server, and displaying icons including icons of the installed applications and icons of the non-installed applications on the map.

No. of Pages : 40 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :16/07/2014

(43) Publication Date : 26/09/2014

(51) International classification	:F23Q 7/00	(71)Name of Applicant :
(31) Priority Document No	:2012-075297	1)NGK SPARK PLUG CO., LTD.
(32) Priority Date	:29/03/2012	Address of Applicant :14-18, TAKATSUJI-CHO, MIZUHO-
(33) Name of priority country	:Japan	KU,NAGOYA-SHI,AICHI 467-8525. Japan
(86) International Application No	:PCT/JP2013/001751	(72)Name of Inventor :
Filing Date	:15/03/2013	1)KAZUTAKA EGUCHI
(87) International Publication No	:WO 2013/145612	2)SHUEI ISHII
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : GLOW PLUG AND FABRICATION METHOD FOR SAME

(57) Abstract :

Disclosed is a glow plug capable of, even when a housing of the glow plug is made relatively thin, more assuredly preventing deformation of front and rear body portions of the housing. A glow plug 1 has a housing 2 formed with a thread portion 5 and a tool engagement portion 6 and a heater 3. The housing 2 includes a press contact portion 7 brought into press contact with a plug seat surface of an internal combustion engine upon screwing the thread portion 5 into a mounting hole of the internal combustion engine, a front body portion 9 located between the press contact portion 7 and the thread portion 5 and a rear body portion 8 located between the tool engagement portion 6 and the thread portion 5. At least one of the front body portion 9 and the rear body portion 8 has a thickness smaller than or equal to a predetermined value and includes a plurality of reinforcing parts 9 A, 8 A provided intermittently in a circumferential direction of the housing 2 in the form of protrusions or recesses extending in the direction of an axis CL1.

No. of Pages : 31 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :16/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING VACUUM TUBES FOR SOLAR THERMAL INSTALLATIONS.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C03B 23/09 :102011122324.3 :23/12/2011 :Germany :PCT/DE2012/001222 :22/12/2012 :WO 2013/091611 :NA :NA :NA :NA	 (71)Name of Applicant : 1)DR. LAURE PLASMATECHNOLOGIE GMBH Address of Applicant :SCHWANENSTRASSE 12, 70329 STUTTGART. Germany (72)Name of Inventor : 1)LAURE, STEFAN
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(57) Abstract :

The invention relates to a method and to a device for producing vacuum tubes for solar thermal installations, wherein the vacuum tube comprises an outer tube and an inner tube arranged within the outer tube, and the gap between the outer tube and the inner tube is sealed with respect to the exterior and evacuated. An outer tube (4) is coated in a first vacuum unit (1) and an inner tube (5) is coated in a second vacuum unit (2). The coated outer tube (4) and the coated inner tube (5) are assembled in a third vacuum unit (3) and fused together at the ends. The third vacuum unit is connected to the first vacuum unit (1) and to the second vacuum unit (2), such that the outer tube (4) and the inner tube (5) are not exposed to the atmosphere throughout the entire production of the vacuum tubes.

No. of Pages : 32 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :16/07/2014

(54) Title of the invention : CHITOSAN DERIVED COMPOSITIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K 31/722 :61/588,783 :20/01/2012 :U.S.A. :PCT/US2013/021903 :17/01/2013 :WO/2013/109732 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TOMAS HODE Address of Applicant :COLUMBIA, MO 65211, U.S.A. 2)ROBERT E. NORDQUIST 3)WEI R. CHEN 4)RAOUL CARUBELLI 5)LUCIANO ALLERUZZO 6)PETER JENKINS 7)KRISTOPHER WAYNANT 8)JOSEPH RAKER (72)Name of Inventor : 1)TOMAS HODE 2)ROBERT E.NORDQUIST 3)WEI R.CHEN 4)RAOUL CARUBELLI 5)LUCIANO ALLERUZZO 6)PETER JENKINS
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(57) Abstract :

The present invention relates generally to therapeutic compositions comprising ehitosan- derived compositions used in connection with methods for treating neoplasms, such as for instance, malignant lung, thyroid and kidney neoplasms, and other types of malignant neoplasms, and other medical disorders.

No. of Pages : 63 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(12) Date of filing of Application :03/03/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : FE-BASED SINTERED ALLOY AND MANUFACTURING 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 		 (71)Name of Applicant : 1)HITACHI CHEMICAL COMPANY, LTD. Address of Applicant :9-2, MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO 100-6606, JAPAN (72)Name of Inventor : 1)HIROSHI OHMORI 2)YUJI YAMANISHI
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(57) Abstract :

An Fe-based sintered alloy, essentially consists of, in percentage by mass, Mn: 0.5 to 2.0, Mo: 0.3 to 1.6, Cu: 0.4 to 1.5, C: 0.4 to 0.7 and the balance of Fe plus unavoidable impurities; and has a metallic structure made of 5 to 70% of marterisite phase relative to a base material except pore and 25 to 90% of bainite phase relative to the base material except the pore.

No. of Pages : 44 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :14/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A FLOATING SOAP AND A PROCESS FOR THE PREPARATION THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:NA :NA	(71) Name of Applicant : 1)DEVIDAYAL SHARMA Address of Applicant :833-P BLOCK, NEW ALIPORE, KOLKATA-7000053, WEST BENGAL India (72) Name of Inventor : 1)DEVIDAYAL SHARMA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a process for the preparation of floating soap comprising the steps of preparing a mixture of coconut oil and a second oil and soap powder in a first container, preparing a solution of caustic soda in water in a second container, slowly adding the contents of the first container into the second container with constant stirring, to form a uniform mixture, allowing the mixture to stand till the mixture turns solid, heating the solid to melt the same and thereafter allowing the liquid to reach to a boil, allowing the temperature to slowly decrease to room temperature, while stirring continuously, allowing the mixture to stand and pouring the mixture into trays, again allowing the mixture to stand for 15 to 20 hours to obtain the floating soap cake.

No. of Pages : 10 No. of Claims : 10

(21) Application No.1500/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/07/2014

(43) Publication Date : 26/09/2014

 (86) International Application No Filing Date (87) International Publication No (87) International Publication Number (87) International Publication Publication Number (87) International Publication Publication	 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:14/01/2013 :WO 2013/107715 :NA :NA :NA	
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(54) Title of the invention : COIN AND METHOD FOR PRODUCING A COIN

(57) Abstract :

Coin, medal or casino token with a first side and a second side, comprising at least one first layer (1) made of a first material and at least one second layer (2) made of a second material, wherein the first layer (1) is between 10 μ m and 90 μ m, preferably 20 μ m thick. The invention further relates to a method for producing a coin wherein the coin is produced, more particularly punched, from a clad sheet-like composite material, and to a method for producing a coin wherein the coin is formed from a ring (5) and a core (4) arranged inside the ring, wherein the core and the ring are punched from a clad sheet-like composite material and subsequently the core (4) is inserted rotated into the ring (5) and is fixed therein.

No. of Pages : 34 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :17/07/2014

(43) Publication Date : 26/09/2014

(34) The of the invention . STRADDLEE	, vehicee	1
(51) International classification(31) Priority Document No	:B62J 35/00 :NA	(71)Name of Applicant : 1)YAMAHA HATSUDOKI KABUSHIKI KAISHA,
 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:NA :NA	Address of Applicant :2500 Shingai, Iwata-shi, Shizuoka-ker 438-8501 JAPAN (72)Name of Inventor : 1)SUZUKI,TAKUYA 2)TAKADA, KAZUYOSHI 3)IKEBE, SHOICHIRO
Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(54) Title of the invention : STRADDLED VEHICLE

(57) Abstract :

There is provided a saddle type vehicle (1) of an underbone type having a large gaseous fuel tank arranged in a space below a step board and allowing a rider to take a desirable riding posture, including: a saddle; a step board arranged forward and below the saddle and provided with a foot space, which is an area on which a foot of a rider is placed; and a gaseous fuel tank (4) having a cylindrical side surface, wherein the gaseous fuel tank (4) is oriented so that an axial line thereof extends in a front-back direction of the vehicle, and is arranged on a center axis of the vehicle in plan view, and is arranged so that the axial line is inclined so as to be lowered toward the vehicle front side and a projecting part, which corresponds to a part of the gaseous fuel tank (4), is positioned above a plane including the foot space in side view, and the foot space is provided on a lateral side of the projecting part.

No. of Pages : 28 No. of Claims : 9

(22) Date of filing of Application :17/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : CUTTING HEAD HAVING RESILIENT MALE COUPLNG MEMBER, CUTTING TOOL AND METHOD ASSEMBLY THEREOF.

(51) International classification	:B23B 51/02	(71)Name of Applicant :
(31) Priority Document No	:13/439,676	1)ISCAR LTD.
(32) Priority Date	:04/04/2012	Address of Applicant : P.O. BOX 11, 24959 TEFEN, ISRAEL,
(33) Name of priority country	:U.S.A.	Israel
(86) International Application No	:PCT/IL2013/050200	(72)Name of Inventor :
Filing Date	:06/03/2013	1)HECHT, Gil,
(87) International Publication No	:WO 2013/150517	2)BEN HAROUCHE, DAVID
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cutting head (122) has a resilient male coupling member (26). The cutting head (122) has a central resilience slit (50) that extends between two major surfaces (32) and opens out to the male coupling member (26) and at least one lateral resilience slit (52) that extends between the two major surfaces (32) and opens out to a base surface (36). The central resilience slit (50) and the at least one lateral resilience slit (52) each have forwardmost points (Pes, Pis), located forward of the base surface (36). Also, a cutting tool that has a tool holder with the cutting head (122) secured thereto. The tool holder has an insert pocket that includes a forward facing holder base abutment surface that has a female coupling member. In a locked position, the male coupling member (26) is resiliently retained in the female coupling member. All points on the male coupling member (26) are under deflection.

No. of Pages : 22 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :14/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : WAFER CARRIER WITH ADJUSTABLE WAFER HOLDER JIG FOR UNIFORM EDGE COVERAGE IN VACUUM DEPOSITION PROCESS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGIONAL OPERATIONS DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR, KARUNAMOYEE,SALTLAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI - 110049, INDIA. (72)Name of Inventor : 1)VINAYAN BHARDWAJ 2)SON PAL SINGH 3)SANDEEP CHANDRIL 4)NITIN GUPTA
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(57) Abstract :

The invention relates to an improved wafer carrier with adjustable wafer holder jig for uniform deposition in vacuum system, comprising : a steel body (1) having a plurality of fixed corners (4); at least two fixed arms (2) configured on a first side of the body (1) perpendicular to each other for holding at least one wafer in a slot for deposit ion of thin film layers; at least two movable arms (5) provided on a second side of the body (1) being perpendicular to each other and enabled to freely move in slot (6) corresponding to the size of the wafer; a lip (3) projecting upwardly around the periphery of the body (1); a control means (7) moves in tapered slot controlling the movement of a first movable arm (5), similar control means moves in tapered slot (8) controlling the movement of second movable arms can be moved in a way such that size variations in different wafers can be neutralized to increase active area of deposition.

No. of Pages : 10 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :24/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : APPARATUS AND METHOD FOR ESTIMATING SLAB SOLIDIFICATION STATE, CONTINUOUS CASTING APPARATUS AND CONTINUOUS CASTING METHOD, AND METHOD FOR PREDICTING FINAL **SOLIDIFICATION**

(51) International classification	·B22D11/16 B22D11/22	(71)Name of Applicant :
(31) Priority Document No	:2012-034409	1)JFE STEEL CORPORATION
(32) Priority Date	:20/02/2012	Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-
(32) Thority Date (33) Name of priority country		11
	:Japan	ku, Tokyo 100-0011, JAPAN
(86) International Application No	:PCT/JP2012/065059	(72)Name of Inventor :
Filing Date	:06/06/2012	1)Hiroyuki SHIMAMOTO
(87) International Publication No	:WO 2013/125058	2)Kazuya ASANO
(61) Patent of Addition to Application	:NA	3)Koichi TSUTSUMI
Number	:NA	4)Hiroshi MIZUNO
Filing Date	.1 17 1	5)Hiroshi MAEDA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The solidification state of a slab during continuous casting is estimated by means of a heat transmission model that uses heat flux, which is based at least on the cooling conditions of the secondary cooling, and the temperature distribution in the width direction of the slab is measured with a thermometer at a previously established measurement position in the longitudinal direction of the slab, which is the direction in which the slab is drawn out. The heat flux distribution of the heat flux in the width direction of the slab is corrected so that the estimated temperature at the measurement position, which is estimated with the heat-transmission model, and the temperature distribution in the width direction of the slab, measured with the temperature distribution measurement means, coincide, thereby making it possible to estimate the final solidification position and the final solidification shape in continuous casting more accurately.

No. of Pages : 86 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :24/07/2014

:NA

:NA

(43) Publication Date : 26/09/2014

(54) Title of the invention : Z-SHAPED STEEL SHEET PILE (51) International classification :E02D13/00,E02D5/04,E02D7/02 (71)Name of Applicant : (31) Priority Document No :2012-042793 **1)JFE STEEL CORPORATION** (32) Priority Date Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chivoda-:29/02/2012 (33) Name of priority country ku. Tokvo 100-0011 JAPAN :Japan (86) International Application (72)Name of Inventor : :PCT/JP2013/000740 1)Kunihiko ONDA No :12/02/2013 Filing Date (87) International Publication :WO 2013/128812 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application

(57) Abstract :

Filing Date

Number

The present invention provides a Z-shaped steel pile that exhibits excellent workability and that does not require a special installation machine. The Z-shaped steel pile (1) comprises a web section (3), flange sections (5a, 5b) that are formed at both ends of the web section (3), and joint sections (7a, 7b) that are formed on the ends of the flange sections (5a, 5b). Protrusions (11a, 11b) are provided to each of the outer surface sides of the flange sections (5a, 5b) of the Z-shaped steel pile and/or to both sides of the outer surface sides of the veb section.

No. of Pages : 37 No. of Claims : 6

		(21) Application No.1557/KOLNP/2014 A
(19) INDIA		
(22) Date of filing of Application :24/0	07/2014	(43) Publication Date : 26/09/2014
(54) Title of the invention : ARRANG SAMPLES BY MEANS OF LATERA		OR THE ELECTROCHEMICAL ANALYSIS OF LIQUID
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01N33/487,G01N27/327 :102012201843.3 :08/02/2012 :Germany :PCT/EP2013/051026 :21/01/2013 :WO 2013/117413 :NA :NA :NA	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2, 80333 München GERMANY (72)Name of Inventor : 1)Walter GUMBRECHT 2)Peter PAULICKA

(57) Abstract :

The invention relates to an arrangement (1) and to a method for the electrical detection of liquid samples (5) by means of lateral flow assays. The lateral flow assay comprises a membrane (4) that is arranged on a front side of a first carrier (2). The first carrier (2) is electrically insulating. On the front side of the first carrier (2) between the carrier (2) and the membrane (4), electrically conductive electrodes (3) are arranged in direct contact with the membrane (4).

No. of Pages : 30 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :24/07/2014

(43) Publication Date : 26/09/2014

1	(5A)	Title	of the	invention	D_N_D	LIGAND
(34) mue	or the	invention	P-IN-P	LIGAND

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:17/01/2013 :WO 2013/110170 :NA :NA	 (71)Name of Applicant : 1)NOVA CHEMICALS (INTERNATIONAL) S.A. Address of Applicant : Avenue de la Gare 12, CH-1700 Fribourg, Switzerland (72)Name of Inventor : 1)GAO, Xiaoliang 2)ZORICAK, Peter
Filing Date	:NA	

(57) Abstract :

A new P-N-P ligand is useful in ethylene oliogomenzation. The ligand is characterized by having at least one aromatic fiuorocarbyl alkoxide group bonded to a P atom, hi combination with 1) a source of chromium and 11) an activator such as methylalumoxane, the ligand of this invention may be used to prepare an oligomer product that contains a mixture of high purity alpha olefins, hi a preferred emobidment, the ligand of this invention enables a selective oligomerization in which the majority of the liquid product is a mixture of hexene and octene. The amount of byproduct polymer that is produced in preferred oligomerization reactions is advantegeously low.

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :13/03/2014

(54) Title of the invention : IMAGE DATA PROCESSING METHOD AND ELECTRONIC DEVICE SUPPORTING THE SAME

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H04N 21/00 :10-2013- 0027602 :14/03/2013 :Republic of Korea	 (71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO., LTD. Address of Applicant :129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA (72)Name of Inventor : 1)WOOYONG LEE
(86) International Application No Filing Date	:NA :NA	2)HYEONJAE BAK 3)JAEYUN SONG
(87) International Publication No	: NA	4)SANGHEUM CHO
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An electronic device processes image data using a plurality of image sensors and a control unit. The control unit, in response to receiving image data from one image sensor of the plurality of image sensors, establishes a single mode processing path for processing the received image data using a first processor corresponding to system processing unit via the single mode processing path. The control unit, in response to receiving the image data from two or more sensors of the plurality of image sensors, establishes a dual mode processing path for processing the image data using a second processor corresponding to a graphic processing unit, and processing the image data via the dual mode processing path.

No. of Pages : 32 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :22/07/2014

(43) Publication Date : 26/09/2014

· · /		
(51) International classification	:H02P 29/00	(71)Name of Applicant :
(31) Priority Document No	:2011-288954	1)DAIKIN INDUSTRIES LTD.
(32) Priority Date	:28/12/2011	Address of Applicant : UMEDA CENTER BUILDING,4-
(33) Name of priority country	:Japan	12,NAKAZAKI-NISHI 2-CHOME,KITA-KU,OSAKA-
(86) International Application No	:PCT/JP2012/083567	SHI,OSAKA 530-8323, JAPAN
Filing Date	:26/12/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/099900	1)TOSHIAKI SATO
(61) Patent of Addition to Application	:NA	2)SATOSHI YAGI
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : ACTUATOR CONTROL APPARATUS

(57) Abstract :

Provided is an actuator control device for causing the output of an actuator to track the command input from an upper-level control unit in an accurate manner. In a motor control device (100), a microcomputer (10) sets an upper-level target rotation speed of a brushless DC motor (50). In order to cause the actual rotation speed of the brushless DC motor (50) to track the upper-level target rotation speed, prior to the upper-level target rotation speed being inputted into a command input element (21) of a rotation speed control circuit (20), an intermediate control unit (30) creates a pseudo upper-level rotation speed obtained by increasing or decreasing the upper-level target rotation speed, and inputs the pseudo upper-level rotation speed and outputs a lower-level target rotation speed having a different value from the pseudo upper-level target rotation speed. The actuator control element (22) receives the input of the lower-level target rotation speed and controls the brushless DC motor (50) by PI control. The tracking element (23) causes the actual rotation speed of the brushless DC motor (50) by PI control.

No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :22/07/2014

(54) Title of the invention : GEARBOX HOUSING, GEARBOX UNIT WITH SUCH A GEARBOX HOUSING AND GEAR MOTOR WITH SUCH A GEARBOX UNIT

 classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F16H57/02,F16H57/04,F16H57/027 :12154054.6 :06/02/2012 :EPO :PCT/EP2013/050809 :17/01/2013 :WO 2013/117397 :NA :NA :NA	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2,80333 München Germany (72)Name of Inventor : 1)Wolfgang SCHNURR
(57) Abstract :		

(57) Abstract :

The invention relates to a gearbox housing (2) comprising a housing body (3) enclosing a housing interior and comprising a passage opening (6) for a gearbox output shaft surrounded by a connecting surface (7) wherein a plurality of bores (8 9 10 11 12) in the housing body and passing through the housing body wall are used to fill oil into or drain it out of the housing interior detect the oil level in the housing interior and vent the housing interior. The invention is based on the consideration of positioning the bores which are provided as an oil filling opening an oil draining opening a venting opening and a level measuring opening during operation in such a manner that they can be introduced into the housing body from two adjacent housing sides. This enables machining with a single clamping with the result that changeover times are unnecessary and the housing body is consequently easy to manufacture. The invention further relates to a gearbox unit and a gear motor provided with such a gearbox housing.

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A HEAT RESISTANT PAINT COMPOSITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:NA :NA :NA :NA	 (71)Name of Applicant : 1)TATA SPONGE IRON LIMITED Address of Applicant :P.O.: BILEIPADA JODA, DIST: KEONJHAR, ODISHA - 758 038, INDIA Orissa India 2)NOVOTA INDUSTRIES
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)PRAMANICK, ROBBIN 2)PATIL, S.N.
Filing Date	:NA	

(57) Abstract :

A heat resistant paint composition to coat on rotary kiln shell of sponge iron comprises by parts: i) Ceramic matrix- 20-80%; ii) Hollow Microspehere-5-40%; iii) Binders-0.5-20%; and suitable part percentages of water, deflocculant and additives and auxiliaries.

No. of Pages : 10 No. of Claims : 9

(22) Date of filing of Application :13/03/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : DISTRIBUTION CONTROL SYSYTEM, DISTRIBUTION SYSTEM, AND DISTRIBUTION CONTROL METHOD

(51) International classification(31) Priority Document No	:H04B 10/00 :2013-	(71) Name of Applicant : 1)RICOH COMPANY, LIMITED Address of Applicant :3-6, NAKAMAGOME 1-CHOME,
(32) Priority Date	054192 ·15/03/2013	OHTA-KU, TOKYO 143-8555 JAPAN (72)Name of Inventor :
(33) Name of priority country	:Japan	1)KASATANI KIYOSHI
(86) International Application No Filing Date	:NA :NA	
(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 :

A distribution control system includes a generating unit configured to generate image data from content data; a cutting-out unit configured to cut out part of the image data; a converting unit configured to convert the cut-out image data into transmission data; and a transmitting unit configured to transmit the transmission data to a communication terminal.

No. of Pages : 99 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :24/07/2014

(43) Publication Date : 26/09/2014

(51) International classification	:B65D51/20	(71)Name of Applicant :
(31) Priority Document No	:10 2012 006 934.0	1)ALFELDER KUNSTSTOFFWERKE HERM. MEYER
(32) Priority Date	:05/04/2012	GMBH
(33) Name of priority country	:Germany	Address of Applicant :Hildesheimer StraBe 78, 31061
(86) International Application No	:PCT/EP2013/057199	Alfeld/Leine, GERMANY
Filing Date	:05/04/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2013/150137	1)BAN, Nikolaus
(61) Patent of Addition to Application	:NA	2)ROTHWEILER, Peter
Number		3)ROHRKA, Heinz-Werner
Filing Date	:NA	4)KRÖGER, Rainer
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract :		

(54) Title of the invention : SEALING DISC FOR INDUCTION SEALING OF A CONTAINER

(57) Abstract :

The invention relates to a sealing disc (10) for sealing openings of containers, comprising a film (20) for the inductive introduction of heat into the sealing disc (10). The sealing disc (10) has an edge region (11). On the side of the film (20) intended to face the inside of the container (5), a sealing layer (25) is provided in order to provide a tight seal at the edge region (11) of the sealing disc (10) on the opening of the container (5). There are one or more layers (30) on the side of the film (20) facing away from the sealing layer (25). In addition, a handle (35) is configured as part of the sealing disc (10) and is used to open the opening of the container (5) that is sealed with the sealing disc (10). The layer or layers (30) on the side facing away from the sealing layer (25) are provided with tear lines (36) to form an outline of the handle (35). The tear lines (36) extend into the edge region (11) of the sealing disc (10).

No. of Pages : 26 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :24/07/2014

(43) Publication Date : 26/09/2014

(51) International classification	:B21D 5/01	(71)Name of Applicant :
(31) Priority Document No	:NA	1)YOROZU CORPORATION
(32) Priority Date	:NA	Address of Applicant :3-7-60, Tarumachi, Kohoku-ku,
(33) Name of priority country	:NA	Yokohama-shi, Kanagawa 2228560 JAPAN
(86) International Application No	:PCT/JP2012/051695	(72)Name of Inventor :
Filing Date	:26/01/2012	1)Masaki UENO
(87) International Publication No	:WO 2013/111308	2)Yuji SUENAGA
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METHOD FOR MANUFACTURING BENT HOLLOW PIPE

(57) Abstract :

Provided is a method for manufacturing a three-dimensionally curved pipe that has no gaps, uneven thickness, or the like at the contact sites of the distal ends of two flange portions when press working is completed, said method comprising: a step for forming an extruded portion, in a member to be processed, which extends in a curved manner while being pushed out in a third direction by means of press working in a third plane formed by a first direction and the third direction, forming extended portions that extend away from each other on two sides sandwiching the extruded portion of the member to be processed, and forming flange portions that are curved in the reverse direction to the extrusion direction of the extruded portion at the distal ends of the extruded portions; a step for molding the two flange portions so as to head toward each other by curving a curved portion between the extruded portions; a step for making both flange portions of a three-dimensionally curved portion, which are curved in the first plane and a second plane, approach each other using the two flange portions at other than the three-dimensionally curved portion; and a step for bringing the distal ends of the flange portions face to face.

No. of Pages : 39 No. of Claims : 4

(22) Date of filing of Application :13/03/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : DISTRIBUTION CONTROL SYSTEM, DISTRIBUTION SYSTEM, AND DISTRIBUTION 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 Filing Date 	13/00 :2013- 054395	 (71)Name of Applicant : 1)RICHO COMPANY, LIMITED Address of Applicant :3-6, NAKAMAGOME 1-CHOME, OHTA-KU, TOKYO 143-8555 JAPAN (72)Name of Inventor : 1)KASATANI KIYOSHI
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(57) Abstract :

A distribution control system is connected to one or more communication terminals that output image and/or sound data indicating at least one of an image and sound and transmits the image and/or sound data to the communication terminals. The distribution control system includes a browser management unit configured to start up a browser appropriate for the communication terminals; a browser configured to generate the image and/or sound data by rendering content data; and a transmitter configured to transmit the image and/or sound data to the communication terminals. The browser management unit is configured to start up the browser for open use when outputting the image and/or sound data permitted to be open to the other communication terminals. The browser for personal use when outputting the image and/or sound data not permitted to be open to the other communication terminals.

No. of Pages : 103 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :10/03/2014

:A61B (71)Name of Applicant : (51) International classification 18/00 **1)ERBE ELEKTROMEDIZIN GMBH** Address of Applicant :WALDHOERNLESTRASSE 17, :13 159 (31) Priority Document No 72072 TÜBINGEN. GERMANY 361.8 (32) Priority Date :15/03/2013 (72)Name of Inventor : **1)MARTINA HEIM** (33) Name of priority country :EPO (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : INSTRUMENT FOR VESSEL FUSION AND SEPARATION

(57) Abstract :

In the case of an instrument (10) for coagulation and fusion as well as for severing vessels, provision is made for two shanks (19, 20), between which a vessel is to be gripped and fused. A blade (21) for severing the coagulated and fused vessel is provided with an isolator (40), which isolates the blade (21) against at least one of the electrodes or shanks (19, 20), respectively. On the other hand, the blade (21) is preferably in mechanical contact with at least one of the electrodes or shanks (19, 20), respectively, so that a safe separation of the fused biological tissue or vessel, respectively, is attained. This concept can be used to increase the safety of surgery and to miniaturize the tool (18) towards smaller sizes.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : FREQUENCY RESPONSE OF VIBRATION SENSORS (51) International classification :H04N (71)Name of Applicant : (31) Priority Document No **1)FLUKE CORPORATION** :NA (32) Priority Date Address of Applicant :6920 SEA WAY BOULEVARD :NA (33) Name of priority country EVERETT, WASHINGTON 98023 U.S.A. :NA (86) International Application No (72)Name of Inventor : :NA **1)SHRIVASTAV PRABHAT** 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 :

Frequency compensation of a vibration sensor digitally in a time domain by using a high-pass filter roll-off slope is presented. The subject matter reduces the noise floor of an analog front end or analog domain portion of a circuit configured to enhance the frequency response of a vibration sensor. The present subject matter eliminates or reduces analog components and adds pieces of signal processing software to digitally enhance the frequency response of a vibration sensor so as to reduce component costs.

No. of Pages : 21 No. of Claims : 20

(22) Date of filing of Application :13/03/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : DISTRIBUTION CONTROL SYSTEM, DISTRIBUTION SYSTEM, AND DISTRIBUTION 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 Filing Date 	13/00 :2013- 054427	 (71)Name of Applicant : 1)RICOH COMPANY, LIMITED Address of Applicant :3-6, NAKAMAGOME 1-CHOME, OHTA-KU, TOKYO 143-8555 JAPAN (72)Name of Inventor : 1)KASATANI KIYOSHI
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(57) Abstract :

A distribution control system that is connected to one or more communication terminals that output image (sound)data and transmits the image (sound) data to the terminals. The system includes a browser management unit configured to start up a browser appropriate for the terminals; a browser configured to generate the image (sound) data by rendering content data; a transmitter configured to transmit the image (sound) data to the communication terminals; and a receiver configured to receive sensor information detected by a sensor included in the terminals. The browser is configured to process the received sensor information by a first processor that is installed in the browser as standard or a second processor that processes the sensor information that is unable to be processed by the first processor. The transmitter is configured to transmit the image (sound) data processed by the browser in accordance with the sensor information to the terminals.

No. of Pages : 104 No. of Claims : 6

(22) Date of filing of Application :19/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A METHOD TO MAINTAIN OPTIMUM SUPER HEAT DURING STEEL CASTING BASED ON AN ACCURATE PREDICTION OF TURN DOWN TEMPERATURE

(51) International classification	:c22B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant : TATA STEEL LIMITED RESEARCH
(33) Name of priority country	:NA	AND DEVELOPMENT AND SCIENTIFIC SERVICES
(86) International Application No	:NA	DIVISION, JAMSHEDPUR-831001, Jharkhand India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ANURAG TRIPATHI
(61) Patent of Addition to Application Number	:NA	2)S K AJMANI
Filing Date	:NA	3)AKHILESH KUMAR MISHRA
(62) Divisional to Application Number	:NA	4)J. B. SINGH
Filing Date	:NA	5)UMESH KUMAR SINGH

(57) Abstract :

The invention relates to a method to maintain optimum super heat during steel casting based on an accurate prediction of turn down temperature. The current invention proposes a novel method of using turn down temperature as a controlling variable to maintain desired super heat during casting. The invention can be used for predicting turn down temperature by considering all the operations happing in the route of ladle.

No. of Pages : 19 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :14/03/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : SUSPENDED CEILING-MOUNTABLE ENCLOSURE

(51) International classification	:H02G 3/00	(71)Name of Applicant :
(31) Priority Document No	:61/785,135	1)RGB SYSTEMS, INC.
(32) Priority Date	:14/03/2013	Address of Applicant :1025 EAST BALL ROAD, ANAHEIM,
(33) Name of priority country	:U.S.A.	CALIFORNIA 92805 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)WILLIAM C STEWART, JR.
(87) International Publication No	: NA	2)MICHAEL HUDSON
(61) Patent of Addition to Application Number	:NA	3)DALE VIPATAPALIN
Filing Date	:NA	4)TUAN TRAN
(62) Divisional to Application Number	:NA	5)ANDREW C EDWARDS
Filing Date	:NA	

(57) Abstract :

The present invention is a ceiling-mountable enclosure comprising a support frame, a lightweight inner enclosure, and a back box configured for installation in a suspended ceiling. The apparatus of the present invention includes a removable device door configured to be mounted to the support frame. Electrical and signal wires are routed through conduit access plates provided at the back box. Electrical or other equipment is mounted to a removable device door. The removable device door with mounted equipment is attached to the support frame, then rotated upwards to fit flush with the ceiling and fastened to the support frame. A variety of power receptacles are provided that are configured to be mounted to either the back box, the inner enclosure, or the removable device door. The enclosure includes a cooling system comprising an electrically powered fan and air ducts integrated into the inner enclosure.

No. of Pages : 45 No. of Claims : 20

(21) Application No.1507/KOLNP/2014 A

(22) Date of filing of Application :17/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : COLOUR CHANGING COMPOSITION IN O/W EMULSION FORM

(51) International classification :A61Q5/06,A61K8/97,A61K8/34 (71)Name of Applicant : (31) Priority Document No :PCT/CN2012/070480 1)L'OREAL (32) Priority Date :17/01/2012 Address of Applicant :14 rue Royale, F-75008 Paris FRANCE (33) Name of priority country (72)Name of Inventor : :China (86) International Application 1)CHAI, Yihao :PCT/CN2013/070571 No 2)LIU, XUEDONG :16/01/2013 Filing Date 3)GUAN,WEIYI (87) International Publication No:WO 2013/107354 4)YU,QING (61) Patent of Addition to **5)CHEN,JING** :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A changing colour composition for caring for and/or making up keratin materials on the form of an O/W emulsion comprising in a physiologically acceptable medium at least a) microcapsules containing releasable colorant(s) said microcapsules comprising: a core comprising one organic material at least one layered coating surrounding said core the layered coating comprising at least one polymer at least one colorant and advantageously at least one lipid based material b) at least 5% by weight more preferably at least 8% by weight and advantageously at least 10% by weight relative to the weight of the composition of an aqueous phase comprising water and at least one compound chosen from polyols glycols C C monoalcohols and mixtures thereof c) non entrapped Ti0 and d) an O/W emulsifier.

No. of Pages : 107 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :17/07/2014

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61K8/11,A61Q19/00 :PCT/CN2012/070486 :17/01/2012 :China :PCT/CN2013/070564	 (71)Name of Applicant : 1)L'OREAL Address of Applicant :14 rue Royale, F-75008 Paris FRANCE (72)Name of Inventor : 1)LEMOINE, Cyril
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	3)CHEN,JING 4)YU,QING
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : COLOUR CHANGING COMPOSITION

(57) Abstract :

A changing colour composition for caring for and/or making up keratin materials is disclosed. The composition comprises in a physiologically acceptable medium at least: a) microcapsules containing releasable colorant(s) said microcapsules comprising: a core comprising one organic material at least one layered coating surrounding said core the layered coating comprising at least one polymer at least one colorant and advantageously at least one lipid based material b) at least 3% by weight preferably at least 5 by weight more preferably at least 8% by weight and advantageously at least 10% by weight relative to the weight of the composition of an aqueous phase comprising water and at least one compound chosen from polyols glycols and C C monoalcohols and mixtures thereof c) at least one hydrophilic gelifying agent d) and optionally 0.1 to 70% by weight relative to the weight of the composition of additional cosmetic ingredient(s) selected from volatile and non volatile silicon or hydrocarbon oils surfactants filler thickening agents film forming agents polymers preservatives silicon elastomer self tanning agents additional non entrapped colorants cosmetic actives pH regulators perfumes and mixtures thereof.

No. of Pages : 106 No. of Claims : 36

(22) Date of filing of Application :13/03/2014

(54) Title of the invention : SELECTIVELY ACTIVATING A/V WEB PAGE CONTENTS IN ELECTRONIC DEVICE

(51) International classification	:H04N 21/00	(71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO., LTD.
(31) Priority Document No	:10-2013- 0027997	Address of Applicant :129, SAMSUNG-RO, YEONGTONG- GU, SUWON-SI, GYEONGGI-DO 443-742, KOREA
(32) Priority Date	:15/03/2013	(72)Name of Inventor :
(33) Name of priority country	:Republic of Korea	1)GEON-SOO KIM
(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 method of processing a web page in an electronic device. HTML code of a received web page is analyzed to identify the presence of an HTML tag relating to audio contents of the web page. The method identifies whether the HTML tag indicates that the audio contents are set to be played automatically. If so, automatic play of the audio contents is preventable, and the web page is displayed along with a generated interface through which playing of the audio contents is controllable.

No. of Pages : 28 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :20/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : COOLANT DELIVERY DEVICE FOR CUTTING TOOLS (51) International classification :F16C (71)Name of Applicant : (31) Priority Document No **1)HUANG HSIEN-JEN** :NA (32) Priority Date Address of Applicant :NO. 3-1, GONGYE 18TH RD., :NA (33) Name of priority country TAIPING DIST., TAICHUNG CITY, R.O.C. Taiwan :NA (86) International Application No :NA (72)Name of Inventor : Filing Date :NA **1)HUANG HSIEN-JEN** (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 coolant delivery device having ball-socket joint structure is provided. A socket has a through hole along its axial direction, which communicates with a ball-shape cavity formed on the upper part of the socket. An O-ring for. sealing is provided in an annular undercut formed at the bottom of the inner edge of the ball-shape cavity, and an O-ring for fixing is assembled at the top end of the ball-shape cavity. A sprinkle head has an integral combination of an upper ball base and a lower ball base which is capable of rotational motion around many axes, Thus, the orientation of a nozzle projecting outward from the upper ball can be adjust at any angle by the rotational motion of the lower ball base in the ball-shape cavity, so as to allow coolant ejected out of the nozzle aiming at target zone precisely.

No. of Pages : 12 No. of Claims : 3

(22) Date of filing of Application :13/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : RECOMMENDING RELEVANT AND PERSONALIZED CONTENT ACCESSING KEYWORDS FOR USERS OF A TEXT MESSAGING SERVICE BASED GLOBAL TEXTSITE PLATFORM

(57) Abstract :

A method and system for recommending relevant and personalized content retrieving keywords to users of a text messaging service (TMS) based content platform. Embodiments of the invention provide a discovery mechanism for introducing registered keywords identifying published information in the TMS based content platform that may be of interest to the user. In particular, the solution is hybrid in nature combining various sources of recommendations (e.g., based on past usage patterns, emerging trends, expert suggestions, etc.) to select recommended keywords. Based on this keyword discovery/recommendation mechanism, users with a basic phone and without smartphone data plans can discover contents through a TMS based content platform.

No. of Pages : 67 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :13/03/2014

(54) Title of the invention : ELECTRONIC DEVICE AND METHOD FOR PROCESSING IMAGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:U.S.A. :NA :NA : NA :NA	 (71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO., LTD. Address of Applicant :129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, REPUBLIC OF KOREA (72)Name of Inventor : 1)WOO-HYUN BAEK
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electronic device includes a first image sensor generating first image data, a second image sensor generating second image data, at least one processor processing the first image data and the second image data, and a display displaying at least one image of the first image data and the second image data and the display is configured to display at least one image data on the basis of the time stamps. An operating method of an electronic device includes generating first image data and second image data by using a first image sensor and a second image sensor, respectively, and displaying at least one image data on a display on the basis of the time stamp.

No. of Pages : 52 No. of Claims : 15

(12) Date of filing of Application :18/03/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR MANUFACTURING A COMMUTATOR USING A BRAZING AND SOLDERING 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 	:201310091498.2 :20/03/2013 :China :NA	 (71)Name of Applicant : 1)JOHNSON ELECTRIC S.A. Address of Applicant :BAHNHOFSTRASSE 18, CH-3280 MURTEN SWITZERLAND 2)SHENZHEN JOINT WELDING MATERIAL CO. LTD. (72)Name of Inventor : 1)ZOU ZHIPING
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		2)GUO JIANJUN 3)TO CHIHANG 4)ZHENG ZONGHUI

(57) Abstract :

A commutator (10) comprising a plurality of commutator bars (12) formed from a graphite structure (30) and a metal sheet (20) having soldered to the graphite structure (30) includes a brazing process followed by a soldering process. The brazing process includes applying a brazing material the graphite structure (30) and brazing at an elevated temperature to form a brazing layer (40). The soldering process includes applying a solder material to the brazing layer (40), placing the metal sheet (20) on the solder material, and soldering to form a solder layer (50) affixing the metal sheet (20) to the graphite structure (30). A plurality of grooves (70) are cut in the graphite structure (30) and the metal sheet (20) to form the commutator bars (12) arranged in an intermittent ring or circle.

No. of Pages : 24 No. of Claims : 21

(21) Application No.83/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :20/01/2014

(54) Title of the invention : PORTING SYSTEM FOR A TURBO-CHARGED LOOP SCAVENGED TWO-STROKE ENGINE		
(51) International classification	:F02B 37/00	(71)Name of Applicant : 1)GM GLOBAL TECHNOLOGY OPERATIONS LLC
(31) Priority Document No	:13/838401	Address of Applicant :300 GM RENAISSANCE CENTER,
(32) Priority Date	:15/03/2013	DETROIT, MICHIGAN 48265-3000, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)ROBERT D. STRAUB
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 porting system for a turbo-charged loop scavenged two-stroke engine includes a cylinder including a cylinder wall and a cylinder head. At least one inlet port is provided in the cylinder wall. The at least one inlet port is arranged a first distance from the cylinder head and fluidically connected to a compressor portion of a turbo-charger. A first exhaust port is provided in the cylinder wall. The first exhaust port is arranged a second distance from the cylinder head and is fluidically connected to a turbine portion of the turbo-charger through first exhaust passage. A second exhaust port is provided in the cylinder wall. The second exhaust port is arranged a third distance from the cylinder than the second distance and the second exhaust passage is fluidically connected to a second exhaust port of a second exhaust port.

No. of Pages : 19 No. of Claims : 7

(19) INDIA(22) Date of filing of Application :22/07/2014

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:24F1/16 :2011-290082 :28/12/2011	 (71)Name of Applicant : 1)DAIKIN INDUSTRIES, LTD. Address of Applicant :Umeda Center Building, 4-12, Nakazaki-Nishi 2-Chome,Kita-ku,Osaka-shi Osaka 530-8323, Japan (72)Name of Inventor : 1)HOSHIKA Keitarou 2)ONO Takashi 3)ANDOU Hiroki 4)MASUI Tomohiro 5)KUROISHI Masashi 6)ITOU Satoshi 7)SHIMODA Junichi
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(54) Title of the invention : OUTDOOR UNIT FOR REFRIGERATION APPARATUS

(57) Abstract :

In order to prevent the corrosion of an aluminum bracket for attaching an aluminum heat exchanger an aluminum bracket (40) is joined and fastened by an iron male screw (80) and an iron attachment plate (70) and affixed to a steel side plate (23) of a ventilator chamber. The outer diameter of the male screw (80) is smaller than the dimensions of a through hole (43a) in the bracket (40). The aluminum bracket (40) is joined to the ventilator chamber side plate (23) with a resin cover (60) interposed therebetween and is supported by the resin cover (60) in a non contact state of not contacting the iron male screw (80) which passes through the through hole (43a) of an attachment part (43).

No. of Pages : 41 No. of Claims : 6

		(21) Application No.1550/KOLNP/2014 A
(19) INDIA		
(22) Date of filing of Application :22/07/20)14	(43) Publication Date : 26/09/2014
(54) Title of the invention : FLUX COLLE MANUFACTURING SOLENOID VALV		ONNECTED PORTIONS AND METHOD OF G 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 	:H01F7/08 :61/604,081 :28/02/2012 :U.S.A. :PCT/US2013/026829 :20/02/2013 :WO 2013/130316 :NA :NA :NA	 (71)Name of Applicant : 1)EATON CORPORATION Address of Applicant :1000 Eaton Boulevard, Cleveland, OH 44122 U.S.A. (72)Name of Inventor : 1)BAMBER, Daniel 2)DAYTON, Robert

(57) Abstract :

An apparatus such as for a solenoid valve assembly includes a substantially annular flux collector (12) that has a first arced portion (10) and at least one additional arced portion (14). The first arced portion and the at least one additional arced portion are cooperatively configured to interlock with one another to form the substantially annular flux collector. A method (200) of manufacturing a solenoid valve assembly using the annular flux collector is also provided.

No. of Pages : 22 No. of Claims : 15

(22) Date of filing of Application :12/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : AN IMPROVED AXIAL REACTION FAN WITH ENHANCED AERODYNAMIC PERFORMANCE (51) International classification :F04D (71)Name of Applicant : (31) Priority Document No :NA (71)BHARAT HEAVY ELECTRICALS LIMITED

(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant : REGION CAL OPERATIONS
(33) Name of priority country	:NA	DIVISION (ROD) PLOT NO:9/1, DJBLOCK 3RD FLOOR
(86) International Application No	:NA	KARUNAMOYEE,SALTLAKE CITY, KOLKATA-700091
Filing Date	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(87) International Publication No	: NA	FORT, NEW DELHI - 110049, West Bengal India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAGAVAIAH BABU
(62) Divisional to Application Number	:NA	2)KUPPUSWAMY KARUNANITHI
Filing Date	:NA	

(57) Abstract :

(19) INDIA

The invention relates to an improved BLADE PROFILE FOR Axial reaction Fan with enhanced aerodynamic performance,

comprising : a rotor assembly having an impeller hub accommodating at least one fan blade disposed on a shaft arranged over a blade bearing means; a main bearing assembly supporting the rotor assembly; and an outlet guide vane disposed adjacent to the impeller to guide fluid flow and recover the kinetic energy of the fluid leaving the impeller; the improvement is characterized in that the at least one fan blade is profiled to produce aerodynamic parameters of flow co-efficient (ϕ) and pressure coefficient ψ of 0.3125 and 0.4936 respectively with 87% efficiency (η), and in that the outlet guide vane is configured, with a radius of curvature enabled to stream line the flow to improve efficiency of the fan.

No. of Pages : 13 No. of Claims : 3

(54) Title of the invention : OUTDOOR UNIT FOR REFRIGERATION APPARATUS

(22) Date of filing of Application :14/07/2014

(43) Publication Date : 26/09/2014

:F24F 1/56,F24F (71)Name of Applicant : (51) International classification 1)DAIKIN INDUSTRIES, LTD. 1/16 Address of Applicant :UMEDA CENTER BUILDING, 4-12, (31) Priority Document No :2011-290084 (32) Priority Date :28/12/2011 NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI, (33) Name of priority country OSAKA 530-8323, JAPAN :Japan (86) International Application No :PCT/JP2012/083574 (72)Name of Inventor : Filing Date :26/12/2012 **1)KEITAROU HOSHIKA** (87) International Publication No :WO 2013/099904 2)TOMOHIRO MASUI (61) Patent of Addition to Application **3)TAKASHI ONO** :NA Number 4)HIROKI ANDOU :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Provided is an outdoor unit that is for a refrigeration apparatus, uses an aluminum or aluminum-alloy heat exchanger, and is unlikely to be affected by metal corrosion. An outdoor unit (20) for an air conditioner (1) is provided with a steel casing (50), and an aluminum or aluminum-alloy outdoor heat exchanger. The casing (50) includes a top plate (57), and at least the undersurface of the top plate (57) is coated.

No. of Pages : 20 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :14/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : GENERAL STRATEGY FOR ANTIBODY LIBRARY SCREENING.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:11009901.7 :16/12/2011 :EPO :PCT/EP2012/005162 :14/12/2012 :WO 2013/087215 :NA :NA	 (71)Name of Applicant : 1)MERCK PATENT GMBH Address of Applicant :FRANKFURTER STRASSE 250, 64293 DARMSTADT, GERMANY (72)Name of Inventor : 1)STEFAN BECKER 2)TIM HEISELER 3)ALEXANDER MAASS 4)HARALD KOLMAR
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(57) Abstract :

A generally applicable method for the selective covalent attachment of a reporter molecule to a replicating entity that allows one to obtain specific binders from a single round of library screening is disclosed. For example, selective biotinylation of phage particles and yeast cells displaying a binder to any given target can be achieved via application of a coupled enzyme reaction that includes a peroxidase, an oxidase and a catalase.

No. of Pages : 48 No. of Claims : 18

		(21) Application No.1544/KOLNP/2014 A	
		(43) Publication Date : 26/09/2014	
(54) Title of the invention : AXIAL FLOW	W FAN	Τ	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (57) Abstract : 	:F04D 29/32 :2011-288206 :28/12/2011 :Japan :PCT/JP2012/083576 :26/12/2012 :WO 2013/099905 :NA :NA :NA :NA	 (71)Name of Applicant : 1)DAIKIN INDUSTRIES LTD. Address of Applicant :UMEDA CENTER BUILDING,4- 12,NAKAZAKI-NISHI 2-CHOME,KITA-KU,OSAKA- SHI,OSAKA 530-8323, JAPAN (72)Name of Inventor : 1)AZUMI KOJIMA 2)YUUTA YOKOYAMA 	

(57) Abstract :

A hub (71) of an axial-flow fan (70) has an outer perimeter cylinder (72) and a lid (73). The outer perimeter cylinder (72) is a portion having an opening (72a) in the axial center, a plurality of blades (91) being formed so as to project from the outer perimeter edge. The lid (73) is a portion extending from the outer perimeter cylinder (72) toward the boss (81) so as to cover the opening (72a) of the outer perimeter cylinder (72), and connecting the boss (81) and the outer perimeter cylinder (72) together. Reinforcing ribs (74, 75) for reinforcing the connection between the hub (71) and the boss (81) are integrally resin-molded together with the hub (71) and the boss (81) on both axial-direction sides of the lid (73).

No. of Pages : 30 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION		(21) Application No.1545/KOLNP/2014 A	
(19) INDIA			
(22) Date of filing of Application :22/07/2	2014	(43) Publication Date : 26/09/2014	
(54) Title of the invention : AXIAL FLO	W FAN		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F04D 29/38 :2011-288207 :28/12/2011 :Japan :PCT/JP2012/083577 :26/12/2012 :WO 2013/099906 :NA :NA :NA	 (71)Name of Applicant : 1)DAIKIN INDUSTRIES LTD. Address of Applicant :UMEDA CENTER BUILDING,4- 12,NAKAZAKI-NISHI 2-CHOME,KITA-KU,OSAKA- SHI,OSAKA 530-8323, JAPAN (72)Name of Inventor : 1)AZUMI KOJIMA 2)YUUTA YOKOYAMA 	

(57) Abstract :

An axial-flow fan (70) is an axial-flow fan having blades (91) in which recessed parts (101) that are recessed toward the front edges are formed in the rear edges, rounded stress-relieving parts (105) being formed in the positive pressure surface sides and negative pressure surface sides of front-edge-side edge parts of the recessed parts (101) in a cross- sectional view of the blades (91).

No. of Pages : 19 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :16/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : THERMOPLASTIC RESIN COMPOSITION AND METHOD FOR PRODUCING 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 	:C08L23/02,C08L77/00 :2011-282234 :22/12/2011 :Japan :PCT/JP2012/083369 :21/12/2012 :WO 2013/094764 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TOYOTA BOSHOKU KABUSHIKI KAISHA Address of Applicant :1-1, Toyoda-cho, Kariya-shi, Aichi 4488651 Japan 2)KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO (72)Name of Inventor : 1)KITO Masayuki 2)KAWADA Jumpei 3)MOURI Makoto 4)WATANABE Osamu 5)KATO Makoto
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(57) Abstract :

The purpose of the present invention is to provide a thermoplastic resin composition having excellent rigidity and impact resistance and a method for producing the same. The thermoplastic resin composition is obtained by mixing a polyolefin resin (such as a polypropylene resin) a polyamide resin (such as nylon 11 resin) and a compatibilizer (such as maleic anhydride modified EPR maleic anhydride modified EBR). The thermoplastic resin composition is characterized in having a resin phase separate structure as observed under an electron microscope wherein the resin phase separate structure consists of a continuous phase and a disperse phase dispersed in the continuous phase there is a microdisperse phase in the disperse phase and the average diameter of the microdisperse phase is 5 to 1 200 nm.

No. of Pages : 42 No. of Claims : 3

(22) Date of filing of Application :14/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A PROCESS FOR RECOVERY OF ENRICHED CHROMIUM CONCENTRATE FROM CHROMITE TAILINGS, WHICH ELIMINATES THE ABOVE DRAWBACKS

(51) International classification	:C22B34/32	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(33) Name of priority country	:NA	AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR-
(86) International Application No	:NA	831001, Jharkhand India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)LOPAMUDRA PANDA
(61) Patent of Addition to Application Number	:NA	2)VEERENDRA SINGH
Filing Date	:NA	3)P.K. BANERJEE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Huge amount of chromite processing plant tailings are getting deposited in the tailing pond. These tailings contain substantial amount of chromite value in them which are ultra-fine particles. Ultra-fine chromite tailings cannot be effectively up-graded by conventional beneficiation method, because of the smaller particle size. The present invention provides a process for up-gradation of chromite values in the tailings. In the inventive process selective flocculation is applied for pre concentration of chromite values and the further enrichment of the chromite value is achieved by applying a step of magnetic separation. In the selective flocculation process degraded wheat starch can be used as flocculent and sodium hexa-meta phosphate as the dispersing agent. The process enriches the chromite value to around twice the value of chromite present in the tailings.

No. of Pages : 14 No. of Claims : 8

(22) Date of filing of Application :13/03/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : DISTRIBUTION CONTROL SYSTEM, DISTRIBUTION SYSTEM, AND DISTRIBUTION 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 Filing Date 	:H01R 13/00 :2013- 054366 :15/03/2013 :Japan :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)RICOH COMPANY, LIMITED Address of Applicant :3-6, Nakamagome 1-Chome, Ohta-ku, Tokyo, 143-8555 JAPAN (72)Name of Inventor : 1)KASATANI,KIYOSHI
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(57) Abstract :

A distribution control system is connected to a plurality of communication terminals that output image and/or sound data indicating at least either one of an image and sound and transmits the image and/or sound data to the communication terminals. The distribution control system includes a browser management unit is configured to start up a browser appropriate for the communication terminals; a browser configured to generate the image and/or sound data by rendering content data; a transmitter configured to transmit the image and/or sound data to the communication terminals; and a receiver configured to receive input information from the communication terminals. The transmitter is configured to transmit the image and/or sound data updated by the browser in accordance with the input information to the communication terminals.

No. of Pages : 102 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :13/03/2014

(54) Title of the invention : DISTRIBUTION CONTROL SYSTEM AND DISTRIBUTION SYSTEM

 (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No (72) Name of Inventor : (73) Name of Inventor : (74) Name of Inventor : (74) Name of Inventor : (74) Name of Inventor : (75) Name of Inventor : (72) Name of Inventor : (73) Name of Inventor : (74) Name of Inventor : (74) Name of Inventor : (75) Name of Inventor : (76) Name o
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(57) Abstract :

A distribution control system includes a generating unit configured to generate video frame data and sound frame data from content data; a first converting unit configured to convert the video frame data into first transmission data to be transmitted through a communication network by encoding the video frame data; a second converting unit configured to convert the sound frame data into second transmission data to be transmitted through the communication network by encoding the sound frame data; and a transmitting unit configured to transmit the first transmission data to a first communication terminal connected to the communication network and transmits the second transmission data to a second communication terminal connected to the communication network.

No. of Pages : 106 No. of Claims : 6

(22) Date of filing of Application :14/03/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : SEPARATOR, SEPARATING DEVICE WITH SUCH A SEPARATOR, AND VACUUM CLEANER, ESPECIALLY WET VACUUM CLEANER, WITH SUCH A SEPARATOR OR SUCH A SEPARATING DEVICE

(51) International classification	:A47L 9/00	(71)Name of Applicant :
(31) Priority Document No	:10 2013 005 306.4	1)PROAIR GMBH GER, TEBAU Address of Applicant :REUTE 17/1, 88260 ARGENBÜHL-
(32) Priority Date		EGLOFS, GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)PAUL ROTH
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 separator has a cover part from which webs are projecting which are positioned along the circumference of the cover part at a spacing one behind the other with formation of through openings. At least some of the webs are without connection with each other at the end that is facing away from the cover part. The webs are designed transversely to the longitudinal direction to be elastically yielding. The webs are positioned in their mounting position with radial pretension on a spider which is fixedly seated on the motor shaft of the vacuum cleaner. Due to centrifugal forces occurring in operation of the vacuum cleaner as a result of the high rotary speed of the motor shaft, the webs of the separator are positioned with their free ends under high force on the spider. The separator is thus reliably entrained by the spider by friction.

No. of Pages : 41 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :22/03/2013

(54) Title of the invention : FIXTURE FOR SAFE ROAD TRANSPORT OF LP ROTOR OF 660MW STEAM TURBINE

		(71)Name of Applicant :
	:G08G	
(51) International classification	1/00	Address of Applicant :REGIONAL OPERATIONS
(31) Priority Document No	:NA	DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(32) Priority Date	:NA	KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091,
(33) Name of priority country	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(86) International Application No	:NA	FORT, NEW DELHI - 110049, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DYOTAN KUMAR RAY
(61) Patent of Addition to Application Number	:NA	2)MANEESH BATRANI
Filing Date	:NA	3)ALOK KUMAR SINGH
(62) Divisional to Application Number	:NA	4)JATINDER MOHAN
Filing Date	:NA	5)MUKESH KUMAR VERMA
		6)SURYA PAL SINGH SENGAR

(57) Abstract :

The invention relates to an improved carrier device for safe surface transportation of rotors for high capacity steam turbine, comprising a base frame fabricated from two square beams wherein each beam is manufactured from two square channels; four vertical channels are welded to said square channels of the base frame for supporting the total weight of the rotor; at least four stiffeners are welded to said vertical beams and the base frame to prevent axial movement of the rotor during surface transportation; at least four cross angles are welded to the vertical beams including the base frame to restrict a lateral movement of the rotor; and two semi circular wooden blocks placed in two steel pockets fabricated on top of said vertical channels.

No. of Pages : 11 No. of Claims : 3

(22) Date of filing of Application :15/03/2013

(54) Title of the invention : CONTROLLED RELEASE PHARMACEUTICAL DOSAGE FORMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61K 8/00 :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)MEDICIS PHARMACEUTICAL CORPORATION Address of Applicant :7720, NORTH DOBSON ROAD, SCOTTSDALE, ARIZONA 85256, U.S.A. (72)Name of Inventor : 1)BAKAN, DOUG 2)WORTZMAN, MITCHELL
(87) International Publication No	: NA	3)CHANDRAN, SAJEEV
(61) Patent of Addition to Application Number	:NA	4)KULKARNI, SHIRISH
Filing Date	:NA	5)DESHMUKH, ASHISH, ASHOKRAO
(62) Divisional to Application Number	:NA	6)BHUTADA, PRAVIN, MEGHRAJJI
Filing Date	:NA	

(57) Abstract :

The present disclosure provides novel controlled release pharmaceutical dosage form, methods of making the same, and methods of using the same to treat dermatological conditions.

No. of Pages : 95 No. of Claims : 40

(54) Title of the invention : ELECTRICAL MACHINES AND METHODS OF ASSEMBLING THE SAME

(51) International classification	:H05K 7/00	(71)Name of Applicant :
(31) Priority Document No	:13/838, 432	1)REGAL BELOIT AMERICA, INC Address of Applicant :200 STATE STREET BELOIT,
(32) Priority Date	:15/03/2013	WISCONSIN 53511 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)CLENDENEN DAVID A
Filing Date	:NA	2)MARKS MICHAEL A
(87) International Publication No	: NA	3)LYTLE PETER B.
(61) Patent of Addition to Application Number	:NA	4)KINGREY HAROLD CLIFTON
Filing Date	:NA	5)RICHARDVILLE STEVEN P.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A housing for enclosing electronics of a motor having an axis of rotation is provided. The housing includes an end cap having an outer surface and an inner surface. A control board is coupled to the inner surface, wherein the printed circuit board includes a first side, a second side and an edge located between the first side and the second side. The housing further includes a first circuit coupled to the first side which includes a plurality of first electrical components. Each first electrical component includes a tab extending beyond the edge. A second circuit is coupled to the second side and a fastener assembly is coupled to the tab and the inner surface.

No. of Pages : 24 No. of Claims : 20

(22) Date of filing of Application :18/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : AN IMPROVED PROCESS TO PRODUCE HOT ROLLED DUAL PHASE (DP) STEEL WITH A MIXED MICROSTRUCTURE OF ABOUT 85-90% POLYGONAL FERRITE AND 10-15% MARTENSITE TO DELIVER A MINIMUM 600 MPA

(51) International classification:C21D(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	 (71)Name of Applicant : (71)Name of Applicant : (Address of Applicant :C/O. TATA STEEL LIMITED Address of Applicant :C/O. TATA STEEL LIMITED RESEARCH AND DEVELOPMENT AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR-831001, Jharkhand India (72)Name of Inventor : (73)BASUDEV BHATTACHARYA (74)ARUNANSU HALDER (75)SOURAV DAS (75)SAURABH KUNDU
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(57) Abstract :

The invention relates to a method for producing hot rolled dual phase (DP) steel at room temperature wherein at least 85 - 90% of austenite is transformed to ferrite during a two stage cooling step carried-out subsequent to the finish rolling operation to a temperature where the remaining 1-15% austenite sets directly transformed to martensite leading to a mixed final microstructure of about 85 - 90% ferrite along with 10 - 15% martensite starting from a steel with a chemical composition as C-0.06-0.07, Mn-1.0-1.5, Si-0.1-0.4, P-0.02 max, S-0.005max, Cr-0.06-0.7, A1-0.02-0.04, N-0.004max.

No. of Pages : 11 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :18/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : DYNAMIC M	IOUNTING SYSTEM	
 (54) Title of the invention : DYNAMIC M (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H05K 7/20 :61/588,716 :20/01/2012 :U.S.A.	 (71)Name of Applicant : 1)PEM MANAGEMENT,INC Address of Applicant :103 FOULK ROAD,SUITE 108,WILMINGTON, DELAWARE 19803,U.S.A. (72)Name of Inventor : 1)STOTZ,JR. 2)ROBERT F.,
Filing Date	:NA	

(57) Abstract :

A dynamic mounting system couples a first object to a second object by the attachment of a threaded member to a threaded receiving member on the second object to a predetermined depth to cause a biased compression member to exert a predetermined clamping force holding the first object to the second. The first object may be a heat sink in communication with a heat- generating component such as a processor mounted on the second object such as a circuit board. The predetermined depth is reached by advancing the threaded member until its threads pass beyond threads on the receiving member. The predetermined depth of threaded member biases the compression member to maintain a clamping force between the first and second objects within a desired range of temperature.

No. of Pages : 16 No. of Claims : 12

(22) Date of filing of Application :18/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : MANUFACTURING DEVICE AND MANUFACTURING METHOD FOR UNEQUAL LEG AND UNEQUAL THICKNESS ANGLE STEEL

(57) Abstract :

In a rolling mill outlet-side guide 20, side guides 21 and 22 and side rollers 23 and 24 restrict movement of unequal leg and unequal thickness angle steel 10 in the ±Y direction. A table roller or the like restricts movement of the unequal leg and unequal thickness angle steel 10 in the downward direction (-Z direction) that is generated by restriction of the movement in the \pm Y direction. A holddown roller 27 restricts movement of the unequal leg and unequal thickness angle steel 10 in the upward direction (+Z direction) that is generated by restriction of the movement in the $\pm Y$ direction. This prevents generation of bending and distortion of the unequal leg and unequal thickness angle steel 10 immediately after rolling so as to guide the unequal leg and unequal thickness angle steel 10 to a subsequent caliber stably so as to be engaged.

No. of Pages : 24 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :29/11/2013

(54) Title of the invention : TIRE/WHEEL STRUCTURE		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F03D 3/00 :102109562 :18/03/2013 :Taiwan :NA :NA :NA :NA :NA :NA :NA :NA :NA	

(57) Abstract :

A tire/wheel structure includes a body, such as an automobile tire, and guide blocks mounted to two sidewalls of the body in a circumferentially arranged cascade series. Each guide block has a side facing a forward rotation direction of the body and forming at least one inclined guide face in such a way that the inclined guide face and an adjacent one of the guide blocks define therebetween a wind-assisting groove, whereby when the body is in a forward rotating condition, the inclined guide faces of the guide blocks and the wind-assisting grooves help enhance airflow guiding, reduce wind resistance, and generating an assistive driving force and when the inclined guide faces of the guide blocks and the wind-assisting grooves are moved to a position in a lower half of the circumference of the body, a follow-the-trend driving assisting force and a moving stabilizing effect are achieved.

No. of Pages : 22 No. of Claims : 5

(22) Date of filing of Application :14/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : DOMESTIC APPLIANCE HAVING A PLURALITY OF DISPLAYS AND ACTUATION METHOD FOR SAID DOMESTIC APPLIANCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	3/20 :10 2012 202 037.3	 (71)Name of Applicant : 1)BSH BOSCH UND SIEMENS HAUSGER, TE GMBH Address of Applicant :CARL-WERY-STR.34, 81739 MÜNCHEN GERMANY (72)Name of Inventor : 1)AINÖDER, ANDREAS
(62) Divisional to Application NumberFiling Date	:NA :NA	

(57) Abstract :

The invention relates to a domestic appliance (1) having a display device (5) for displaying images and having a microprocessor (9) which is designed to provide an image signal (11) which characterizes an image which is to be displayed on the display device (5), wherein the display device (5) has at least two separate displays (6, 7, 8) and the domestic appliance (1) has an image splitter (13)which differs from the microprocessor (9) and is connected between the microprocessor (9) and the display device (5) and is designed to receive the image signal (11) from the microprocessor (9), to split the same image signal (11) into at least two image signal elements (17, 18, 19) which each characterize an element of the image which is to be displayed, and to output the at least two image signal elements (17, 18, 19) to the respective displays (6, 7, 8) and, in this way, to display the image in split form on the at least two displays (6, 7, 8).

No. of Pages : 14 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :14/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : PDE9 INHIBITORS WITH IMIDAZO TRIAZINONE BACKBONE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:PCT/CN2012/070718 :26/01/2012 :China :PCT/EP2013/051451 :25/01/2013 :WO 2013/110768 :NA :NA	 (71)Name of Applicant : 1)H. LUNDBECK A/S Address of Applicant :OTTILIAVEJ 9, DK-2500 VALBY, DENMARK (72)Name of Inventor : 1)SVENSTRUP, NIELS 2)SIMONSEN, KLAUS B†K 3)RASMUSSEN, LARS KYHN 4)JUHL, KARSTEN 5)LANGGRD, MORTEN
(62) Divisional to Application Number	:NA	6)WEN, KATE
Filing Date	:NA	7)WANG, YAZHOU

(57) Abstract :

This invention is directed to compounds, which are PDE9 enzyme inhibitors. The invention provides a pharmaceutical composition comprising a therapeutically effective amount of a compound of the invention and a pharmaceutically acceptable carrier. The present invention also provides processes for the preparation of the compounds of formula (I). The present invention further provides a method of treating a subject suffering from a neurodegenerative disorder comprising administering to the subject a therapeutically effective amount of a compound of formula (I). The present invention further provides a compound of formula (I). The present invention further provides a compound of formula (I) for use in a method of treating a subject suffering from a psychiatric disorder comprising administering to the subject a therapeutically effective amount of a compound of formula (I).

No. of Pages : 94 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :22/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : AN INTEGRATED PROCESS FOR IRON ORE SLIME LEACHING

(51) International classification	:C22B15/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant : JAMSHEDPUR-831001, Jharkhand
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)S. K. SRIRAMOJU
(87) International Publication No	: NA	2)R. K. LINGAM
(61) Patent of Addition to Application Number	:NA	3)A. SURESH
Filing Date	:NA	4)S. N. GURU LAKSHMI
(62) Divisional to Application Number	:NA	5)P. S. DASH
Filing Date	:NA	6)P. K. BANERJEE

(57) Abstract :

The invention relates to an integrated process to treat iron ore slimes using chemical leaching method, the process comprising the steps of leaching of high alumina iron ore slime to recover iron values using hydrochloric acid leaving alumina and silica rich material in the solid; precipitation of the recovered iron rich solid at a pH of 4-4.5 using quick lime (CaO); and regeneration of hydrochloric acid by addition of sulphuric acid to the spent solution.

No. of Pages : 13 No. of Claims : 5

(22) Date of filing of Application :18/03/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : METHOD FOR AFFIXING A METAL SHEET TO A GRAPHITE STRUCTURE USING A BRAZING AND SOLDERING PROCESS

(57) Abstract :

An assembly comprises a graphite structure (10), a metal sheet (40), a brazing layer (20) disposed on a surface of the graphite structure (10). The brazing layer (20) is formed by brazing a brazing material on the surface of the graphite structure (10), and a solder layer (30) disposed on a surface of the brazing layer (20) and binding the metal sheet (40) to the brazing layer (20). A method for affixing a metal sheet (40) to a carbon structure (10) and a method for metalizing a surface of a graphite structure (10) are also provided.

No. of Pages : 18 No. of Claims : 30

(22) Date of filing of Application :13/03/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : DISTRIBUTION CONTROL SYSTEM, DISTRIBUTION SYSTEM, AND DISTRIBUTION CONTROL METHOD

(51) International classification	:H01R	(71)Name of Applicant :
	13/00	1)RICOH COMANY, LIMITED
(31) Priority Document No	:2013-	Address of Applicant :3-6, NAKAMAGOME 1-CHOME,
(51) Thomy Document No	053941	OHTA-KU, TOKYO 143-8555 JAPAN
(32) Priority Date	:15/03/2013	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)KASATANI KIYOSHI
(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 distribution control system includes a managing unit configured to manage sites where communication terminals are positioned; a generating unit configured to generate distribution data; a converting unit configured to convert the distribution data into transmission data; and a transmitting unit configured to transmit the distribution data to one or more communication terminals that are managed to be positioned at a same site by the managing unit.

No. of Pages : 104 No. of Claims : 9

(22) Date of filing of Application :22/03/2013

(54) Title of the invention : A MULTI LAYERED LOOPED FIELD COIL DEVICE FOR SALIENT POLE SYNCHRONOUS MACHINE

(51) International classification:H02K3(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(63) Date:NA(64) Patent of Addition to Application Number:NA(65) Divisional to Application Number:NAFiling Date:NA(61) Patent of Addition Number:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA	 (71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGIONAL OPERATIONS DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR, KARUNAMOYEE,SALTLAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI - 110049, INDIA. (72)Name of Inventor : 1)ARUN KUMAR SINGH 2)MANISH NARAYAN 3)NISHEETH KHARE 4)VIPUL AGARWAL
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(57) Abstract :

The invention relates to a multi layered looped field coil device for salient pole synchronous machine, comprising: a coil produced on a former through edge wise winding of a flat copper strip, the produced coil matchingly disposed over the insulated poles, wherein the number of turn of the coil is selected according to desired excitation value and wherein the coil-turns are alternatively finned to increase heat transfer area; and at least two end connectors rigidly connected on straight portion of the coil and formed of a profiled copper sheet with thickness identical to the field turn of coil.

No. of Pages : 8 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :21/07/2014

(43) Publication Date : 26/09/2014

(34) The of the Invention . ELECTRO-H	I DRAULIC SERVO VA	
(51) International classification	:F15B 13/044	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MOOG INC.,
(32) Priority Date	:NA	Address of Applicant : A NEW YORK CORPORATION
(33) Name of priority country	:NA	HAVING A PRINCIPLE PLACE OF BUSINESS LOCATED AT
(86) International Application No	:PCT/US2012/024547	SENECA AND JAMISON ROAD, EAST AURORA, NEW
Filing Date	:09/02/2012	YORK 14052, U.S.A.
(87) International Publication No	:WO 2013/119240	(72)Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)KOPP, JOHN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
Filing Date	:NA	

(54) Title of the invention : ELECTRO-HYDRAULIC SERVO VALVE

(57) Abstract :

A valve (210) comprising a motor (221) having an output shaft (231) orientated about a motor axis (230), a hydraulic valve having a drive spool (224) configured to move from a first position to a second posi not tion, a mechanical linkage (222) between the output shaft (231) and the drive spool (224) having a sleeve (232) mechanically coupled to the output shaft (231), a pole shaft (233) configured for sliding en not gagement in a direction generally perpendicular to the motor axis, a link (235) connected to the pole shaft (233) by a pivot joint (234), a drive shaft (252) coupled to the link (235) and rotatable about a drive axis, the drive shaft (252) having an end portion to engage and ap not ply a force to the spool (224), and a spring (223) to provide a bias be not tween the pole shaft (233) and the sleeve (232), such that a distance between the motor axis and the pivot joint multiplied by a distance between the drive axis and the applied force is less than a distance between the drive axis and the pivot joint.

No. of Pages : 40 No. of Claims : 35

(22) Date of filing of Application :14/03/2014

(54) Title of the invention : OBJECT CONTROL METHOD AND APPARATUS OF USER DEVICE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:10-2013- 0027600	 (71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO.,LTD Address of Applicant :129, SAMSUNG-RO,, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742 REPUBLIC OF KOREA (72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)JINYOUNG JEON 2)JIYOUNG KANG
(87) International Publication No	: NA	3)DAESUNG KIM
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)JINYONG KIM 5)BOYOUNG LEE
(62) Divisional to Application Number Filing Date	:NA :NA	6)SEUNGKYUNG LIM

(57) Abstract :

An object control method and apparatus of the user device using hovering gestures are provided. The object control method includes displaying at least one object on a display screen, detecting a multi-finger hovering gesture for selecting the object on the display screen, activating a camera upon detection of the multi- finger hovering gesture, recognizing a hand in a picture input through the camera, and entering, when the hand disappears out of a viewing angle of the camera, a file transfer standby state for transmitting the selected object.

No. of Pages : 38 No. of Claims : 25

(22) Date of filing of Application :17/07/2014

(43) Publication Date : 26/09/2014

(57) Abstract :

An air conditioning indoor unit (10) is provided with: a horizontal blade (31) for modifying the up/down direction flow of blown air; a Coanda blade (32) for cooperating with the horizontal blade (31) to make the blown air into Coanda airflow along an outside surface (32a) of the Coanda blade (32) by means of the Coanda effect; and a control part (40) which can adjust the relative angle of the Coanda blade (32) and the horizontal blade (31) in such a way as to selectively use either a first airflow state in which the relative angle of the Coanda blade (32) and the horizontal blade (31) is adjusted to a given angle in a first angle range in order to generate Coanda airflow in essentially the whole region of the outside surface (32a) of the Coanda blade (32) and a second airflow state in which said relative angle is adjusted to a given angle in a second angle range which is larger than the first angle range so that Coanda airflow is not generated.

No. of Pages : 39 No. of Claims : 7

(21) Application No.1506/KOLNP/2014 A

(22) Date of filing of Application :17/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : COLOUR CHANGING COMPOSITION IN GEL FORM

(51) International classification :A61K8/02,A61K8/11,A61Q19/00 (71)Name of Applicant : (31) Priority Document No PCT/CN2012/070476 (1) L'OREAL

(31) Priority Document No	:PCT/CN2012/070476	1)L'OREAL
(32) Priority Date	:17/01/2012	Address of Applicant :14 rue Royale, F-75008 Paris FRANCE
(33) Name of priority country	:China	(72)Name of Inventor :
(86) International Application	:PCT/CN2013/070570	1)ZHU, Rong
No	:16/01/2013	2)LIU, XUEDONG
Filing Date	.10/01/2013	3)CHU, JUAN
(87) International Publication	:WO 2013/107353	4)YU,QING
No	. WO 2013/10/333	5)CHEN,JING
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.NA	
(62) Divisional to Application	:NA	
Number		
Filing Date	:NA	

(57) Abstract :

A changing colour composition in the form of a gel for caring for and/or making up keratin materials is disclosed. The composition comprises in a physiologically acceptable medium a) from 0.1 to 10% by weight preferably from 0.5 to 10% more preferably from 1 to 5% by weight relative to the weight of the composition of microcapsules containing releasable colorant(s) said microcapsules comprising: a core comprising one organic material at least one layered coating surrounding said core the layered coating comprising at least one polymer at least one colorant and advantageously at least one lipid based material b) at least 3% by weight preferably at least 5% by weight more preferably at least 8% by weight and advantageously at least 10% by weight relative to the weight of the composition of an aqueous phase comprising water and at least one compound chosen from polyols glycols and C2 C8 monoalcohols and mixtures thereof and c) at least one hydrophilic gelifying agent.

No. of Pages : 89 No. of Claims : 18

(22) Date of filing of Application :14/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : CONTEXT-BASED TAGGING OF PHOTOGRAPHIC IMAGES BASED ON RECORDED AUDIO AT TIME OF IMAGE CAPTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04N5/225 :NA :NA :NA :NA :NA : NA :NA :NA :NA	 (71)Name of Applicant : 1)MOTOROLA MOBILITY LLC Address of Applicant :600 NORTH US HIGHWAY 45, LIBERTYVILLE, ILLINOIS 60048 U.S.A. (72)Name of Inventor : 1)RAGHAVAN, KRISHNAN 2)SHANBHOGUE A, HARIPRASAD
(61) Patent of Addition to Application Number	:NA	2)SHANBHOGUE A, HARIPRASAD
(62) Divisional to Application NumberFiling Date	:NA :NA :NA	

(57) Abstract :

A device includes an image capturing component, a timer, a communication mechanism that enables the device to communicate with at least one second device; and a processor. The processor executes an image capture utility that configures the device to: activate the timer to begin tracking a time sequence that extends to an end time following capture of the image; generate an audio capture activation (ACA) signal and transmit the audio capture activation signal via the communication mechanism to the at least one second device; capture the image during the time sequence; receive from the at least one second device content that represents audio that was captured at the at least one second device during the time sequence; link the received content with the image; and store the content linked image as an audio-context-tagged image. During image display, an audio content tag and timeline are displayed as tags in the image.

No. of Pages : 67 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :23/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : FIBER OPTI	C ADAPTER BLOCK	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G02B6/38,G02B6/36 :61/587,245 :17/01/2012 :U.S.A.	 (71)Name of Applicant : 1)ADC TELECOMMUNICATIONS, INC. Address of Applicant :1050 Westlakes Drive, Berwyn, Pennysylvania 19312, U.S.A. (72)Name of Inventor : 1)HOLMBERG, Matthew

(57) Abstract :

A fiber optic adapter block is disclosed. The fiber optic adapter block includes at least three fiber optic adapters provided in a stacked arrangement extending widthwise in a longitudinal direction, wherein every other adapter of the at least three fiber optic adapters is staggered in a front to back direction with respect to an adjacent adapter such that front ends of the every other adapter of the at least three fiber optic adapters are aligned at a first depth and a front end of the adjacent adapter is at a second depth that is different than the first depth.

No. of Pages : 22 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :24/07/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : ULTRASONIC FLAW-DETECTION METHOD, ULTRASONIC FLAW-DETECTION DEVICE, AND METHOD FOR PRODUCING PIPE 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 	:G01N 29/04 :2012-017895 :31/01/2012 :Japan :PCT/JP2012/061836 :09/05/2012 :WO 2013/114639 :NA :NA :NA	 (71)Name of Applicant : 1)JFE STEEL CORPORATION Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 JAPAN (72)Name of Inventor : 1)IIZUKA, Yukinori 2)OZEKI, Takafumi 3)MATSUI, Yutaka
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(57) Abstract :

In order to provide an ultrasonic flaw-detection method, an ultrasonic flaw- detection device, and a method for producing a pipe material that enable detection of a recessed defect, even a shallow, overlapping defect, occurring on an inner surface of a metal pipe material such as for a steel pipe, the present invention is provided with the following: a waveform memory (11) for acquiring and retaining the waveform data of an echo signal from when a steel pipe (1) and an ultrasonic probe (2), which emits ultrasonic signals toward an inner surface (B) of the steel pipe (1), are moved relatively; a signal analysis unit (12) for calculating, on the basis of the retained waveform data, the path length until reception of the echo signal coming from the inner surface (B) as well as the rate of change in the path length; and a defect detection unit (13) for detecting a defect (BW) on the inner surface (B) on the basis of the path length and the rate of change in the path length.

No. of Pages : 48 No. of Claims : 15

(22) Date of filing of Application :18/03/2013

(54) Title of the invention : AN AYURVEDIC MEDICINAL FORMULATION FOR THE REMOVAL OF STONES FROM KIDNEY AND GALL BLADDER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)DURGA PRASAD RAO Address of Applicant :C/o P. BHASKAR SURYA APARTMENTS FLAT 3-A, 3rd FLOOR, 400 BAMACHARAN Rd., BEHALA. KOLKATA. West Bengal India (72)Name of Inventor : 1)DURGA PRASAD RAO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an ayurvedic medicinal formulation for the treatment of stones in kidney and gall bladder, comprising kelakand, patharchalla leaves, alumn powder, nirmali seed paste.

No. of Pages : 8 No. of Claims : 4

(22) Date of filing of Application :20/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A SYSTEM FOR EFFECTIVE HEAT TRANSFER BY DIRECT 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 	:B01D53/78, B01D53/14, B64D13/00, B01D53 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)TATA STEEL LIMITED Address of Applicant :RESEARCH AND DEVELOPMENT AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR- 831001, Jharkhand India (72)Name of Inventor : 1)SUDIPTA SIKDAR 2)ABHIK ROY CHAUDHURY
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(57) Abstract :

The invention relates to a heat transfer system comprising an insulated enclosure made of metallic and asbestos materials having associated different ancillary materials, two moving copper plates (auxiliary heating) and one fixed steel plate (test plate), the moving plates fixed to a moving fixture and the fixed plate is fixed and hung from the frame as shown in the diagram, a pneumatic mechanism connected to the moving plates (auxiliary heating) that makes them to move back and forth; wherein the back and forth movement causes the moving copper plates to get attached/ touched to the surface of the fixed plate and/for move them away from the test plate as desired by the operator.

No. of Pages : 23 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :14/03/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : MODULAR SURFACE MOUNTABLE ENCLOSURE (51) International classification :H02G 3/00 (71)Name of Applicant : (31) Priority Document No 1)RGB SYSTEMS, INC. :61/785,398 (32) Priority Date :14/03/2013 Address of Applicant :1025 EAST BALL ROAD, ANAHEIM, (33) Name of priority country CALIFORNIA 92805 U.S.A. :U.S.A. (86) International Application No :NA (72)Name of Inventor : Filing Date :NA **1)MATTHEW SOPER** (87) International Publication No : NA 2)OSBALDO RODRIGUEZ (61) Patent of Addition to Application Number :NA **3)DAVY NGET** Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A modular, customizable, versatile, easy to use, easy to install, aesthetically pleasing surface mountable enclosure is presented. In one or more embodiments, the enclosure includes a modular housing that is configured to be gangable with one or more other housings to provide a range of sizes and configurations. In one or more embodiments, the modular housing of the invention is configured to accept a variety of interchangeable cassettes or modules that provide a variety of cable and power connections or other resources. In one or more embodiments, the modular housing of the invention includes an articulating lid mechanism that is configured to smoothly open and slide neatly out of the way while occupying a reduced volume than the lid mechanisms of the prior art. In one or more embodiments, the enclosure includes cam driven mounting clamps that allow the enclosure to be quickly and easily secured to a table top or other mounting surface.

No. of Pages : 63 No. of Claims : 20

(22) Date of filing of Application :12/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : PROCESS FOR PREPARATION OF LOW FERRIC ALUM FROM WASTE OR LOW GRADE ALUMINIUM DROSS

(51) International classification:c22E(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	 (71)Name of Applicant : (71)NATIONAL ALUMINIUM COMPANY LIMITED Address of Applicant :NALCO BHAWAN, P/1, NAYAPALLI, BHUBANESWAR-751061 ORISSA India 2)JAWAHARLAL NEHRU ALUMINIUM RESEARCH DEVELOPMENT & DESIGN CENTRE (72)Name of Inventor : 1)BINUTA PATRA 2)P. BANDOPADHYAYA 3)DR. B.K. SATPATHY 4)DR. UPENDRA SINGH 5)DR. J. MUKHOPADHYAY
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(57) Abstract :

A process of preparation of low ferric alum from waste or low grade aluminium dross (non-conventional raw material) which comprises of the following: crushing of the low grade dross containing 10-20% aluminium to a size of < 1 mm introducing the fine dross in to a reaction chamber containing required quantity and concentration of sulphuric acid to form the alum, subjecting the alum to the step of filtration and to from the cake of alum.

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION (19) INDIA		(21) Application No.280/KOL/2014 A
(22) Date of filing of Application :11/03/2014		(43) Publication Date : 26/09/2014
(54) Title of the invention : MANUFACTURING NE DYSPROSIUM OR TERBIUM	D-FE-B MAG	NETS USING HOT PRESSING WITH REDUCED
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:61/793,167	
(32) Priority Date	:15/03/2013	Address of Applicant :300 GM RENAISSANCE CENTER,
(33) Name of priority country	:U.S.A.	DETROIT, MICHIGAN 48265-3000, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)YUCONG WANG
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	

(57) Abstract :

Filing Date

Filing Date

A method of making a magnetic material for a permanent magnet using hot-pressing or die-upset methods, or both, by combining two powders and optimizing grain boundary diffusion of Dy or Tb. The method can include making magnetic material for a permanent magnet using hot pressing using a core powder containing Nd, Fe and B and a surface powder containing Dy or Tb in metallic alloy form, combining the materials, forming a solid material in a shaped mold under a magnetic field in vacuum, heating the solid material, hot pressing it to form a magnetic material in a die, heat treating it if necessary, and then cooling it.

:NA

:NA

:NA

No. of Pages : 34 No. of Claims : 10

(62) Divisional to Application Number

(22) Date of filing of Application :13/03/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : DISTRIBUTION CONTROL SYSTEM, DISTRIBUTION SYSTEM, AND DISTRIBUTION CONTROL METHOD

(62) Divisional to Application Number :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 	:H01R 13/00 :2013- 054191 :15/03/2013 :Japan :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)RICOH COMPANY, LIMITED Address of Applicant :3-6, Nakamagome 1-Chome, Ohta-ku, Tokyo, 143-8555 JAPAN (72)Name of Inventor : 1)KASATANI,KIYOSHI
Filing Date :NA	(62) Divisional to Application Number	:NA	

(57) Abstract :

A distribution control system includes a generating unit configured to generate image data from content data; a converting unit configured to convert the image data into transmission data; a transmitting unit configured to transmit the transmission data to a plurality of communication terminals; and a creating/selecting unit configured to newly create the converting unit to be assigned to each of the communication terminals or select the converting unit out of converting units already created.

No. of Pages : 105 No. of Claims : 15

(22) Date of filing of Application :14/03/2013

(54) Title of the invention : DEVICE FOR REAL-TIME RECORDING OF AUDIO FOR INSERTION IN PHOTOGRAPHIC IMAGES

(51) International classification	:G10L19/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MOTOROLA MOBILITY LLC
(32) Priority Date	:NA	Address of Applicant :600 NORTH US HIGHWAY 45,
(33) Name of priority country	:NA	LIBERTYVILLE, ILLINOIS 60048 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAGHAVAN, KRISHNAN
(87) International Publication No	: NA	2)SHANBHOGUE A, HARIPRASAD
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An audio capture device includes a microphone, a timer, a communication mechanism that enables the device to communicate with other devices, and a processor. The processor executes an audio capture utility, which configures the device to, in response to receiving an incoming audio capture activation (ACA) request signal from a first device: initiate the timer to begin tracking a local time sequence; activate the microphone to begin recording surrounding audio during the local time sequence; turn off the microphone at one of (a) a preset end time of the local time sequence and (b) receipt of an incoming terminate audio capture (TAC) signal from the first device; and transmit, to the first device or another device an outgoing message packet containing the identity of the device recording the surrounding audio and at least one of (a) the surrounding audio recorded and (b) a textual representation of the surrounding audio.

No. of Pages : 67 No. of Claims : 20

(22) Date of filing of Application :19/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A METHOD TO REDUCE PHOSPHORUS CONTENT OF SLAG GENERATED FROM BASIC OXYGEN FURNACE PROCESS OF STEEL MAKING, TO LESS THAN 1 %

(51) International classification :c22B	(71)Name of Applicant :
(31) Priority Document No :NA	1)TATA STEEL LIMITED
(32) Priority Date :NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(33) Name of priority country :NA	AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR-
(86) International Application No :NA	831001, Jharkhand India
Filing Date :NA	(72)Name of Inventor :
(87) International Publication No : NA	1)DILIP MAKHIJA
(61) Patent of Addition to Application Number :NA	2)KOUSHIK CHAKRAVARTY
Filing Date :NA	3)ABHAY SHANKAR PATRA
(62) Divisional to Application Number :NA	4)TAMAL KANTI GHOSH
Filing Date :NA	

(57) Abstract :

The present invention relates to development of a process to lower the phosphorus content of steel slag. It involves air cooling of the steel slag, crushing and magnetic separation of metallic from steel slag, grinding and gravity separation and finally physico-chemical separation stage to lower the phosphorus from the non-magnetic fraction. The invented process is capable of treating the air cooled slag containing 45% CaO, 4% MgO, 20% Fe, 4% Free lime, 15.5% SiO2, 2.5% AI2O3 and 1.8% P to produce a final product containing 57.5% CaO, 2.1% AI2O3, 0.8% P, 18% SiO2,6% MgO and 2.2% Fe. The final yield of the phosphorus deficient product is 47.4% of the total slag feed. Overall with the invented process it is possible to lower the phosphorus from steel slag to less than 1% by adopting processes involving gravity separation and froth flotation. The final concentrate containing 0.8% P is well below the acceptable P specifications required for fluxing application in iron ore sintering. The presence of 57% CaO equally compares with the CaO available from limestone which is mostly used as a fluxing agent in iron ore sintering.

No. of Pages : 17 No. of Claims : 13

(22) Date of filing of Application :14/03/2014

(54) Title of the invention : NIGHT VISION DISPLAY OVERLAID WITH SENSOR DATA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G02B 23/00 :13/826,675 :14/03/2013 :U.S.A. :NA :NA	 (71)Name of Applicant : 1)EXELIS INC. Address of Applicant :1650 TYSONS BLVD. SUITE 1700 MCLEAN, VIRGINIA 22102 U.S.A. (72)Name of Inventor : 1)DAVID B. KAPLAN 2)JEFF LYNAM
(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 :

Sensor data indicative of a user's environment is received from a sensor. A video signal is generated which comprises a visual representation of the sensor data. The video signal is combined with a night vision view of the user's environment to overlay the visual representation of the sensor data over the nigh vision view of the user's environment. The overlaid night vision view of the user's environment is displayed to the user.

No. of Pages : 22 No. of Claims : 20

(22) Date of filing of Application :25/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : AN IMPROVED HYBRID INSULATION SYSTEM FOR STATOR WINDING OF INDUCTION MOTORS.

:H02K	(71)Name of Applicant :
:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
:NA	Address of Applicant : REGIONAL OPERATIONS
:NA	DIVISION(ROD), PLOT NO.9/1 DJBLOCK 3RD FLOOR,
:NA	KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091,
:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
: NA	FORT, NEW DELHI - 110049, INDIA.
:NA	(72)Name of Inventor :
:NA	1)BHARAT ARORA
:NA	2)BISHWANATH ORAON
:NA	3) BHUPENDRA NARAYAN JENA
	:NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract :

The invention relates to an improved hybrid insulation system for stator winding of induction motors manufactured under vacuum pressure impregnation technique, with improvement is characterized in that tip height of the stator slots and typical shape of the wedges is selected at lower values compared to those of corresponding capacity of known induction motors such that magnetizing current is reduced and resultant power factor improved; non-magnetic wedges replaced with magnetic wedges to reduce magnetic noise, each copper conductors insulated with resin-rich tapes with thickness decided on voltage level of the motor; consolidated stack prepared based on insulated conductors further insulated using resin poor tapes; stator coils after housing resin rich material disposed below the magnetic wedges with magnetic putty provided to fill the wedge space; and separators disposed between the top and bottom stator coils.

No. of Pages : 11 No. of Claims : 2

(22) Date of filing of Application :18/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : WEED CONTROL USING D-NAPROPRAMIDE COMPOSITION

	4.013.1	
(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)UNITED PHOSPHORUS LIMITED
(32) Priority Date	:NA	Address of Applicant : AGROCHEMICAL PLANT,
(33) Name of priority country	:NA	DURGACHAK HALDIA-721 602, MIDNAPORE DIST. WEST
(86) International Application No	:NA	BENGAL,INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SHROFF, JAIDEV RAJNIKANT
(61) Patent of Addition to Application Number	:NA	2)SHROFF, VIKRAM RAJNIKANT
Filing Date	:NA	3)HELLER, JEAN-JACQUES
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a herbicidal composition comprising herbicidally effective amount of D-Napropamide useful for selective control of dicotyledonous weed.

No. of Pages : 47 No. of Claims : 11

(22) Date of filing of Application :14/03/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : BIDIRECTIONAL INPUT UNIDIRECTIONAL OUTPUT DRIVEN VEHICLE HAVING CLUTCH DEVICE AT LOAD END

(31) Priority Document No:1.(32) Priority Date:1.(33) Name of priority country:U(86) International Application No:NFiling Date:N(87) International Publication No: N(61) Patent of Addition to Application Number:NFiling Date:N	3/834,079 5/03/2013 J.S.A.	 (71)Name of Applicant : 1)TAI-HER YANG Address of Applicant :NO. 59, CHUNG HSING 8 ST., SI-HU TOWN, DZAN-HWA, R.O.C. Taiwan (72)Name of Inventor : 1)TAI-HER YANG
	JA JA	

(57) Abstract :

The present invention is provided with a manual input device capable of bidirectional inputting, the output end thereof is served to output to the input end of a bidirectional input unidirectional output transmission device, the output end of the bidirectional input unidirectional output transmission device performs output in a constant rotating direction, so a loading wheel set can be driven through an engaging or releasing operational clutch device (70), and when the loading wheel set performs reverse driving in the opposite rotating direction for the purpose of reverse linking, the load is released by the engaging or releasing operational clutch device (70), thereby preventing the transmission wheel system of the bidirectional input unidirectional output driven vehicle having clutch device at load end from being locked.

No. of Pages : 59 No. of Claims : 8

(22) Date of filing of Application :24/03/2014

(54) Title of the invention : APPARATUS AND METHOD FOR INITIALLY DRIVING A SENSORLESS BLDC 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 Filing Date 	:10-2013- 0031664	 (71)Name of Applicant : 1)LG ELECTRONICS INC. Address of Applicant :128, YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL, 150-721, REPUBLIC OF KOREA (72)Name of Inventor : 1)KANG KYELYONG 2)KIM JAEMIN 3)HU JINSEOK 4)PARK SHINHYUN
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(57) Abstract :

Provided is a sensorless BLDC motor apparatus for providing a drive current allowing the rotor of the BLDC motor to be aligned in a predetermined direction during an initial position setting section (or for a first period of time), and providing a drive current allowing a frequency thereof to be varied at predetermined time intervals so as to accelerate the rotational speed of the BLDC motor during an open loop section (or for a second period of time), and a method using the same.

No. of Pages : 58 No. of Claims : 20

(21) Application No.48/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :11/01/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : EXTENDED-RANGE ELECTRIC VEHICLE WITH SUPERCAPACITOR RANGE EXTENDER (51) International classification :H01G 9/00 (71)Name of Applicant : (31) Priority Document No :13/803000 1)GM GLOBAL TECHNOLOGY OPERATIONS LLC (32) Priority Date :14/03/2013 Address of Applicant :300 GM Renaissance Center, Detroit, Michigan 48265-3000, U.S.A. (33) Name of priority country :U.S.A. (86) International Application No (72)Name of Inventor : :NA **1)RAVIKANTH G V** Filing Date :NA (87) International Publication No : NA 2)KUMPATLA V NAIDU (61) Patent of Addition to Application Number :NA **3)AWADESH TIWARI** Filing Date :NA 4)AUROBBINDO LINGEGOWDA (62) Divisional to Application Number :NA 5)VISWA MADAN PULAVARTHI Filing Date :NA

(57) Abstract :

A vehicle includes an engine, traction motor, final drive assembly, battery pack, and a supercapacitor module electrically connected to the battery pack. The vehicle also has first and second clutches and a controller. The clutches have opposite apply states. The first clutch connects an engine driveshaft to the motor to establish a neutral-charging mode. The second clutch connects an output shaft of the motor to the final drive assembly to establish a drive mode. The controller selects between the drive and neutralcharging modes in response to input signals. The drive mode uses energy from the supercapacitor module and battery pack to power the traction motor. The neutralcharging mode uses output torque from the engine to charge the supercapacitor module and battery pack. The clutches may be pnemauically-actuated, and the vehicle may be characterized by an absence of planetary gear sets.

No. of Pages : 18 No. of Claims : 9

(19) INDIA(22) Date of filing of Application :15/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR AUDIOVISUAL COMMUNICATION

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GENERAL INSTRUMENT CORPORATION
(32) Priority Date	:NA	Address of Applicant :101 TOURNAMENT DRIVE,
(33) Name of priority country	:NA	HORSHAM, PA 19044 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AYOUB RAMY S.
(87) International Publication No	: NA	2)GIRISH PRAVEEN
(61) Patent of Addition to Application Number	:NA	3)HEMMIGE HARSHITHA SAMPATH KUMAR
Filing Date	:NA	4)KARUPPIAH SADEESH KUMAR
(62) Divisional to Application Number	:NA	5)THAGADUR NATARAJU MANOHAR
Filing Date	:NA	

(57) Abstract :

A method and system for audiovisual communication is disclosed.

No. of Pages : 42 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :13/03/2014

(54) Title of the invention : ANTI-DECOUPLING MEMBER FOR CONNECTOR COMPONENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:H01R 13/00 :61/779,447 :13/03/2013 :U.S.A.	 (71)Name of Applicant : 1)AMPHENOL CORPORATION Address of Applicant :358 HALL AVENUE WALLINGFORD, CONNECTICUT 06492 U.S.A. (72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)ARCYKIEWICZ ROBERT R.
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

A coupling member for a connector component that includes an inner sleeve configured to surround a shell and that sleeve is rotatable with respect to the shell in a tightening direction to mate with the mating component and a release direction opposite the tightening direction. The inner sleeve has an interface portion and an engagement member. A spring member is wrapped around the shell adjacent the inner sleeve. The spring member has a first tab end that engages the engagement member. When the inner sleeve is rotated with respect to the shell in the tightening direction, the inner sleeve pushes the first tab of the spring member, thereby loosening the spring member around the shell allowing the inner sleeve to rotate in the tightening direction to engage the mating connector component. The first tab end of the spring member prevents the inner sleeve from rotating in the release direction.

No. of Pages : 19 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :22/03/2013

(43) Publication Date : 26/09/2014

(54) Title of the invention : A LOW COST OPERATIONAL METHOD OF DOUBLY FED INDUCTION GENERATORS (DFIG) WITHOUT USE OF POWER ELECTRONIC DEVICES TO ACHIEVE HIGH POWER DENSITY, HIGH TORQUE AND HIGH EFFICIENCY

(51) International classification	·H02P9/42	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant : REGIONAL OPERATIONS
(33) Name of priority country	:NA	DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(86) International Application No	:NA	KARUNAMOYEE,SALTLAKE CITY, KOLKATA-700091,
Filing Date	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(87) International Publication No	: NA	FORT, NEW DELHI - 110049, INDIA.
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)G RAMAKRISHNA
(62) Divisional to Application Number	:NA	2)DR JL BHATTACHARYA
Filing Date	:NA	

(57) Abstract :

The invention relates to a low cost operational method of doubly fed induction generators(DFIG) without use of power electronic devices to achieve high power density, high torque and high efficiency, comprising the steps of providing a DFIG machine having three phase windings in the stator and rotor, the stator winding and the rotor windings being respectively fed from mains and a low frequency source via a set of slip rings matching the slip-frequency of the machine; providing an auxiliary slip-ring type induction machine coupled to the DFIG machine; a phase shifting transformer (PST) connected to the stator of the auxiliary machine and receiving power from the mains at a voltage and frequency identical to that supplied to the DFIG, wherein the PST comprises two windings in each phase which are connected in a zig-zag configuration to effect a phase change, and a plurality of tapings on the winding to control the phase angle, wherein the magnitude of the voltage fed to the stator of the auxiliary induction motor is controlled by a step-up transformer having tapings on its winding, wherein said controlling of phase angle and magnitude of the voltage fed to the auxiliary induction motor is effected by an on board tap changer in combination with a programmable logic controller (PLC), and wherein a slip frequency voltage depending on said phase angle, voltage magnitude, and speed is induced in the rotor windings of the auxiliary induction motor which in turn is fed to the rotor windings of the DFIG machine to allow corresponding change in the speed and power factor of the DFIG machine.

No. of Pages : 17 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :17/03/2014

(54) Title of the invention : TOPICAL COMPOSITIONS OF FLUNISOLIDE AND METHODS OF TREATMENT

(51) Intermetional classification	AC112 21/00	(71)Nama of Annihomt
(51) International classification	:A61K 31/00	(71)Name of Applicant :
(31) Priority Document No	:303/KOL/2013	1)VALEANT
(32) Priority Date	:15/03/2013	Address of Applicant :7720 NORTH DOBSON ROAD,
(33) Name of priority country	:India	SCOTTSDALE, ARIZONA 85256 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DOUGLAS ANTHONY BAKAN
(87) International Publication No	: NA	2)STEVEN B. NEWHARD
(61) Patent of Addition to Application Number	:NA	3)NILENDU SEN
Filing Date	:NA	4)AMOL SUBHASH MANDHARE
(62) Divisional to Application Number	:NA	5)TUSHAR DEORAM JADHAV
Filing Date	:NA	6)MUKESH KUMAR

(57) Abstract :

Provided herein are compositions and methods for treating or preventing a skin disease or skin condition on the skin of a subject by administering a topical flunisolide composition comprising a therapeutically effective amount of flunisolide and a solubilizing agent that solubilizes the flunisolide.

No. of Pages : 77 No. of Claims : 45

(21) Application No.1524/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/07/2014

(43) Publication Date : 26/09/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:2011-290120 :28/12/2011 :Japan :PCT/JP2012/083584 :26/12/2012 :WO 2013/099911 :NA :NA	 (71)Name of Applicant : 1)DAIKIN INDUSTRIES LTD. Address of Applicant :Umeda Center Building,4-12,Nakazaki- Nishi 2-Chome,Kita-ku,Osaka shi,Osaka 530-8323,JAPAN (72)Name of Inventor : 1)OHTANI Yasutaka 2)ORITANI Yoshio 3)KAZUSA Takuya 4)JINDOU Masanori 5)HAMADATE Junichi
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : HEAT EXCHANGER AND REFRIGERATION DEVICE

(57) Abstract :

Provided are a heat exchanger and a refrigeration device with which the drainage performance above a cap member can be ensured while maintaining excellent adhesion between the cap member and header collecting pipe main bodies. This outdoor heat exchanger (20) is equipped with header collecting pipes (22 23) that are connected to flat perforated pipes (21b) to which multiple heat transfer fins (21a) are joined and the header collecting pipes (22 23) are equipped with a header collecting pipe main body (50) and with baffles (60) serving as partition plates. The header collecting pipe main bodies (50) are arranged such that the longitudinal direction thereof is the vertical direction. The baffles (60) are provided as cap members closer to the inside than the upper end of the header collecting pipe main bodies (50). The header collecting pipe main bodies (50) have a pipe end portion (53) that extends farther upward than the baffles (60) serving as cap members. A drainage groove (52) is formed in a part of the pipe end portion (53).

No. of Pages : 46 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :27/02/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : STEAM TURBINE		
(51) International classification	:F01D 5/00	(71)Name of Applicant :
(31) Priority Document No	:2013- 049321	1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1-1, SHIBAURA 1-CHOME,
(32) Priority Date	:12/03/2013	MINATO-KU, TOKYO 105-8001, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)TADAYUKI HASHIDATE
Filing Date	:NA	2)JUNICHI TOMINAGA
(87) International Publication No	: NA	3)SHINICHIRO OHASHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A steam turbine 10 according to an embodiment includes: a casing 20 having a turbine rotor 22; a diaphragm outer ring 23 arranged at an inner side of the casing 20, and having a hollow part 30 inside thereof; a diaphragm inner ring 24 arranged at an inner side of the diaphragm outer ring 23; and a stationary blade 25 joined to the diaphragm outer ring 23 by welding and supported between the diaphragm outer ring 23 and the diaphragm inner ring 24. A non-joint part 61 existing at a part of a joint part 60 between the diaphragm outer ring 23 and the stationary blade 25, and in which an end part at an outer diameter side of the stationary blade 25 is not welded to the diaphragm outer ring 23; and a suction part 40 collecting waterdroplet or a water film from the non-joint part 61 are included.

No. of Pages : 32 No. of Claims : 18

(22) Date of filing of Application :13/03/2014

(43) Publication Date : 26/09/2014

(54) Title of the invention : DISTRIBUTION CONTROL SYSTEM, DISTRIBUTION SYSTEM, AND DISTRIBUTION 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 	:H01R 13/00 :2013- 054408 :15/03/2013 :Japan :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)RICOH COMPANY, LIMITED Address of Applicant :3-6, NAKAMAGOME 1-CHOME, OHTA-KU, TOKYO 143-8555 JAPAN (72)Name of Inventor : 1)KASATANI KIYOSHI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A distribution control system includes a generating unit configured to generate image data from content data; a converting unit configured to divide the image data into a plurality of pieces of divided image data and converts the pieces of divided image data into a plurality of pieces of transmission data; and a transmitting unit configured to transmit the pieces of transmission data to different communication terminals.

No. of Pages : 105 No. of Claims : 9

(22) Date of filing of Application :18/03/2013

(54) Title of the invention : 'A CRYOGENIC ALLOY STEEL GRADE WITH LEAN CHEMISTRY APPLICABLE FOR ROOM TEMPERATURE AND LOW TEMPERRATURE PRODUCTS'

(51) International classification	:C22C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :C/O. TATA STEEL LIMITED
(33) Name of priority country	:NA	RESEARCH AND DEVELOPMENT AND SCIENTIFIC
(86) International Application No	:NA	SERVICES DIVISION, JAMSHEDPUR-831001,. Jharkhand
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)TAPAS CHANDA
Filing Date	:NA	2)SHYAM CHOUDHARY
(62) Divisional to Application Number	:NA	3)SHUBHAJIT MITRA
Filing Date	:NA	4)SAURABH KUNDU

(57) Abstract :

The invention relates to a cryogenic alloy steel grade with lean chemistry applicable for room temperature and low temperature products produced by processing a steel composition consisting of: ID- Bainitic_Alloy_987, C(wt%)0.093, Mn(wt%)1.55, S(wt%)0.010, P(wt%)0.011, Si(wt%).240, Nb(wt%).028, B,ppm 20, Al(wt%).002, Ti(wt%).015, N,ppm 72. wherein the alloy has 500MPa yield strength and 800 MPa UTS with 40% total elongation at room temperature, the notch strength ratio (Notch sensitivity radio, NSR) at room temperature being 3.1.

No. of Pages : 17 No. of Claims : 11

AMENDMENT UNDER SEC. 57

An application for change of address for service from D.P. Ahuja & Co., 53 Syed Amir Ali Avenue, Calcutta-700019 to L.S. DAVAR & CO. 32, Radha Madhab Dutta Garden Lane, Kolkata–700 010, in respect of Patent No. 210102 (1030/KOLNP/2003) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

PUBLICATION U/R 84[3] IN RESPECT OF APPLICATION FOR <u>RESTORATION OF PATENTS</u>

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patents under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under rule 85 of the Patents Rules, 2003.

Patent No.	Applicants	Title	Date of Cessation	Appropriate Office
199393	ABB REASERCH LTD.	A fossil fuel-fired steam generator and a silicon carbide photodiode based flame scanner therefor.	31/01/2009	KOLKATA

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.	IN/PCT/2002/1235/KOL	231409	ARKION LIFE SCIENCES	METHOD OF DETERRING BIRDS FROM PLANT AND STRUCTURAL SURFACES	20/06/2014	Kolkata

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 Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Approp riate Office
1	262767	2153/DELNP/2007	23/08/2005	23/08/2004	PHARMACEUTICALLY ACCEPTABLE DIKETOPIPERAZINE SALT FOR DRUG DELIVERY	MANNKIND CORPORATION	03/08/2007	DELHI
2	262768	7190/DELNP/2006	31/05/2005	31/05/2004	COMBINATIONS COMPRISING ANTIMUSCARINIC AGENTS AND BETA- ADRENERGIC AGONISTS	LABORATORIOS ALMIRALL, S.A.	24/08/2007	DELHI
3	262769	1503/DELNP/2009	21/12/2007	25/12/2006	HARD COATING FILM EXCELLENT IN LUBRICATION CHRACTERISTICS, PROCESS FOR FORMATION THEREOF, AND TOOL FOR THE PLASTIC WORKING OF METAL	HITACHI METALS LTD.	19/06/2009	DELHI
4	262771	953/DELNP/2007	15/06/2005	05/08/2004	' A PROCESS FOR THE PRODUCTION OF ALKYLENE GLYCOL FROM ALKYLENE OXIDE'	SAUDI BASIC INDUSTRIES CORPORATION	03/08/2007	DELHI
5	262773	2759/DELNP/2007	20/09/2005	13/10/2004	PROCESS AND APPARATUS FOR THE CONTINUOUS PRODUCTION OF A THIN METAL STRIP	SIEMENS VAI METALS TECHNOLOGIES GMBH & CO	03/08/2007	DELHI
6	262774	3545/DELNP/2009	12/10/2007	01/12/2006	COMPOSITE OXIDE FOR EXHAUST GAS PURIFYING CATALYST	DOWA ELECTRONICS MATERIALS CO., LTD.	16/04/2010	DELHI
7	262775	1893/DELNP/2009	05/10/2007	06/10/2006	FUNCTIONAL GRAPHENE-RUBBER NANOCOMPOSITIONS	THE TRUSTEES OF PRINCETON UNIVERSITY	20/08/2010	DELHI
8	262777	2618/DELNP/2007	13/10/2005	15/10/2004	A FOUNDRY MIX	ASHLAND LICENSING AND INTELLECTUAL PROPERTY	03/08/2007	DELHI
9	262779	3883/DELNP/2004	30/05/2003	06/06/2002	SAFETY SHIELD FOR MEDICAL NEEDLES	TYCO HEALTHCARE GROUP LP	20/11/2009	DELHI
10	262794	5394/DELNP/2006	05/04/2005	26/04/2004	A DIACETAL COMPOUND	MILLIKEN & COMPANY	03/08/2007	DELHI

11	262795	3153/DELNP/2007	21/12/2004	21/12/2004	AN APPARATUS FOR HANDLING SWITCHING OF DATA PACKETS IN A COMMUNICATION SYSTEM,A METHOD AND SYSTEM THEREOF	TELEFONAKTIEBOLAGE T LM ERICSSON (PUBL)	31/08/2007	DELHI
12	262796	3865/DELNP/2007	24/04/2001	24/04/2000	METHOD OF TREATING HYDROCARBON CONTAINING FORMATION IN SITU	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	31/08/2007	DELHI
13	262799	2686/DELNP/2006	23/10/2003	23/10/2003	METHOD AND ARRANGEMENT FOR POLLING MANAGEMENT	TELEFONAKTIEBOLAGE T LM ERICSSON (PUBL)	10/08/2007	DELHI
14	262803	1471/DEL/2004	09/08/2004	30/09/2003	BEARING STRUCTURE FOR CRANKSHAFT IN INTERNAL COMBUSTION ENGINE	HONDA MOTOR CO., LTD.	21/07/2006	DELHI
15	262804	1161/DEL/2008	09/05/2008 16:51:25		A PROCESS FOR PREPARATION OF DIFLUOROACETYL FLUORIDE AND ITS DERIVATIVES	SRF LIMITED	26/09/2008	DELHI
16	262805	1200/DEL/2007	04/06/2007 18:05:55		CABLE LEAD-THROUGH DEVICE	ROXTEC AB	16/01/2009	DELHI
17	262806	1626/DEL/2007	01/08/2007 11:45:26		PYRROLO [2,1-C] [1,4] BENZODIAZEPINE- GLYCOSIDE PRODRUG USEFUL AS A SELECTIVE ANTI TUMOR AGENT	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	03/04/2009	DELHI
18	262810	9543/DELNP/2007	25/05/2006	27/05/2005	TWEAK BINDING ANTIBODIES	BIOGEN IDEC MA INC.	15/02/2008	DELHI
19	262811	10207/DELNP/200 7	20/06/2006	21/06/2005	FLAVOR AND FRAGRANCE COMPOSITION	TAKASAGO INTERNATIONAL CORPORATION	04/07/2008	DELHI
20	262813	2338/DEL/2005	01/09/2005		A METHOD OF STAINING PROTEINS USING ALTA	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	31/07/2009	DELHI
21	262814	4461/DELNP/2009	10/01/2008	12/02/2007	A PROCESS FOR PRODUCING AN ETHYLBENZENE PRODUCT	EXXONMOBIL CHEMICAL PATENTS INC.	04/12/2009	DELHI
22	262818	3368/DELNP/2006	08/12/2004	11/12/2003	PROCES FOR THE PREPARATION OF BLOCK COMPOLYMERS	ARKEMA FRANCE	31/08/2007	DELHI
23	262820	648/DEL/2007	23/03/2007 16:30:33		A TANNING COMPOSITION AND A PROCESS FOR THE PREPARATION THEREOF	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	26/12/2008	DELHI
24	262822	1874/DEL/2008	07/08/2008	04/03/2008	METHOD OF PRODUCING TAT-HOXB4H PROTEIN	TAIWAN ADVANCE BIO- PHARM INC.	18/09/2009	DELHI

		1.			1	1		
25	262826	696/DEL/2007	30/03/2007		A PROCESS FOR THE PREPARATION OF POLYMER COATED NANOPARTICLE	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	26/12/2008	DELHI
26	262827	1316/DEL/2004	16/07/2004		FIBRE FUEL DISTRIBUTOR	BHARAT HEAVY ELECTRICALS LTD.	19/06/2009	DELHI
27	262828	8775/DELNP/2008	20/04/2007	21/04/2006	LIQUID COMPOSITION OF PHENYLEPHRINE HYDROCHLORIDE AND PHENYLEPHRINE HYDROBROMIDE	THE PROCTER & GAMBLE COMPANY	22/05/2009	DELHI
28	262829	110/DEL/2005	17/01/2005		HEATSINK ADAPTER REMOVAL TOOL FOR BALL GRID ARRAYS	CENTRE FOR DEVELOPMENT OF TELEMATICS	02/10/2009	DELHI
29	262830	1503/DELNP/2004	06/11/2002	06/11/2001	A FUEL INCLUDING PARTICLES OF CERIUM OXIDE	ENERGENICS EUROPE LIMITED	16/03/2007	DELHI
30	262834	1156/DEL/2005	06/05/2005	27/10/2005	SYSTEM FOR BALANCING THE LOAD FOR HEADS FOR MOTION PICTURES OR TELEVISION SHOOTINGS	CARTONI S.P.A.	04/05/2007	DELHI
31	262835	665/DELNP/2007	27/07/2005	29/07/2004	A DOCK LEVELER WITH FORMED FRONT HEADER	RITE-HITE HOLDING CORPORATON	03/08/2007	DELHI
32	262836	6676/DELNP/2006	11/05/2005	11/05/2004	ORAL CARE TOOTHBRUSH	COLGATE-PALMOLIVE COMPANY	31/08/2007	DELHI
33	262840	9148/DELNP/2007	26/04/2006	23/05/2005	A PROCESS FOR PRODUCING DIACETONEACRYLAMID E	DSM FINE CHEMICALS AUSTRIA NFG GMBH & CO.KG	18/01/2008	DELHI
34	262847	654/DEL/2007	23/03/2007 16:45:12		AN IMPROVED PROCESS FOR THE PRODUCTION OF PHENOL BY LIQUID PHASE SELECTIVE HYDROXYLATION OF BENZENE USING HYDROGEN PEROXIDE AS THE OXIDANT AND VANADYL PYROPHOSPHATE AS THE CATALYST	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	03/04/2009	DELHI
35	262848	3294/DELNP/2005	04/11/2002	05/11/2001	AN AUTOMATED BANKING MACHINE APPARATUS	DIEBOLD INCORPORATED	13/04/2007	DELHI
36	262849	448/DELNP/2007	29/08/2005	29/11/2004	A PROCESS COMPRISING INTRODUCING AN OXIDANT STREAM	GRUPO PETROTEMEX, S.A. DE C.V.	17/08/2007	DELHI
37	262850	4297/DELNP/2007	25/11/2005	26/11/2004	A PROCESS FOR PRODUCING A CRYSTALLINE METALLOSILICATE COMPOSITION AND THE CRYSTALLINE METALLOSILICATE COMPOSITION THEREOF	TOTAL RAFFINAGE MARKETING	31/08/2007	DELHI

38	262852	375/DEL/2005	21/02/2005	02/03/2004	ADVANCED NAVIGATION TECHNIQUES FOR PORTABLE DEVICES	MICROSOFT CORPORATION	31/08/2007	DELHI
39	262853	2556/DEL/2006	28/11/2006	28/11/2005	PROCESS FOR EXTRACTION OF NICKEL, COBALT, AND OTHER BASE METALS FROM LATERITE ORES BY USING HEAP LEACHING AND PRODUCT CONTAINING NICKEL, COBALT, AND OTHER METALS FROM LATERITE ORES.	VALE S.A	24/08/2007	DELHI
40	262854	342/DELNP/2005	29/07/2003	31/07/2002	DELIVERY DEVICE AND CONTAINER PROVIDED WITH THE SAME	OTSUKA PHARMACEUTICAL CO., LTD.	03/04/2009	DELHI
41	262855	2245/DELNP/2007	29/09/2005	29/09/2004	PURIFICATION OF A BULK OF FACTOR VII POLYPEPTIDE BY FRACTIONATED ELUTION FROM AN ANION-EXCHANGE MATERIAL	NOVO NORDISK HEALTH CARE AG	03/08/2007	DELHI
42	262856	1629/DELNP/2008	22/08/2006	23/08/2005	METHOD AND APPARATUS FOR ACCESSING AN UPLINK RANDOM ACCESS CHANNEL IN A SINGLE CARRIER FREQUENCY DIVISION MULTIPLE ACCESS SYSTEM	INTER DIGITAL TECHNOLOGY CORPORATION	25/07/2008	DELHI
43	262858	6140/DELNP/2005	30/05/2003	30/05/2003	A METHOD FOR ADJUSTING TRANSMITTING WINDOW IN A RADIO LINK CONTROL LAYER	ZTE CORPORATION	11/07/2008	DELHI
44	262859	2532/DELNP/2005	19/12/2003	19/12/2002	A Rice Transplanter	YANMAR AGRICULTURAL EQUIPMENT CO., LTD	13/04/2007	DELHI
45	262860	2783/DELNP/2008	29/09/2006	13/10/2005	PROCESS FOR PREPARING A POLYISOCYANURATE POLYURETHANE MATERIAL	HUNTSMAN INTERNATIONAL LLC.	08/08/2008	DELHI
46	262861	5601/DELNP/2007	28/08/2006	22/12/2005	CONTAMINATED FLUID RECOVERY APPARATUS	BUNRI INCORPORATION	17/08/2007	DELHI
47	262862	2575/DEL/2005	23/09/2005	29/09/2004	A VALVE FOR CONTROLLING A PRESSURIZED FLUID	MAC VALVES, INC.	31/07/2009	DELHI
48	262863	931/DELNP/2008	26/07/2006	01/08/2005	METHOD AND APPARATUS FOR CONTROL OF ENHANCED DEDICATED CHANNEL TRANSMISSIONS	INTER DIGITAL TECHNOLOGY CORPORATION	27/06/2008	DELHI

49	262864	2525/DEL/2005	16/09/2005		QUATERNARY AMINE ACRYLATE COPOLYMER AND A PROCESS OF PREPARATION THEREOF	INDIAN INSTITUTE OF TECHNOLOGY	02/10/2009	DELHI
50	262865	1967/DEL/2007	17/09/2007 13:12:33	18/09/2006	VACUUM SWITCH	SCHALTBAU GMBH	12/09/2008	DELHI
51	262866	4888/DELNP/2007	10/01/2006	21/01/2005	METHOD AND DEVICE FOR DIMMING LIGHTING CONTROL DEVICES TO A PREDEFINED LEVEL		17/08/2007	DELHI
52	262867	4735/DELNP/2006	23/02/2005	26/02/2004	TRACER-CONTAINING COMPOSITIONS AND METHOD FOR MAKING THE SAME	E. I. DU PONT DE NEMOURS AND COMPANY	24/08/2007	DELHI
53	262868	2815/DELNP/2006	30/12/2003	30/12/2003	PNEUMATIC TIRE AND PROCESS FOR ITS MANUFACTURE	PIRELLI PNEUMATICI S.P.A	03/08/2007	DELHI
54	262869	665/DEL/2004	02/04/2004		An automatic weighing gravimetric feeder	BHARAT HEAVY ELECTRICALS LIMITED	02/06/2006	DELHI
55	262877	8848/DELNP/2007	24/05/2006	30/05/2005	METHOD FOR DISPERSING CARBON NANOTUBES IN A POLYMER MATRIX	NANOCYL S.A.	27/06/2008	DELHI
56	262878	248/DEL/2008	29/01/2008 15:24:57	08/10/2007	REACTION CASSETTE FOR MEASURING THE CONCENTRATION OF GLYCATED HEMOGLOBIN AND MEASURING METHOD THEREOF	INFOPIA CO., LTD.	08/05/2009	DELHI
57	262879	2792/DEL/2005	19/10/2005		MICRONUTRIENTS ENRICHED UREA	ADITYA BIRLA NUVO LIMITED	19/06/2009	DELHI
58	262881	9167/DELNP/2007	17/05/2006	17/05/2005	MULTIMODE LAND MOBILE RADIO	M/A-COM, INC.	18/01/2008	DELHI
59	262884	2944/DELNP/2007	12/10/2005	29/10/2004	A COMPOSITION FOR TREATING METAL SURFACE TO FORM A CONVERSION OR PASSIVATION COATING	CHEMETALL CORPORATION	17/08/2007	DELHI
60	262888	4363/DELNP/2007	09/12/2005	23/12/2004	METHOD FOR SYNTHESISING A SUPPORTED CATALYST WITH A VIEW TO THE PRODUCTION OF CARBON NANOTUBES	NANOCYL S.A	24/08/2007	DELHI
61	262889	3207/DELNP/2006	03/12/2004	05/12/2003	ARTERIAL PRESSURE- BASED, AUTOMATIC DETERMINATION OF A CARDIOVASCULAR PARAMETER	EDWARDS LIFESCIENCES CORPORATION	24/08/2007	DELHI
62	262891	7051/DELNP/2007	23/03/2006		INTEGRATED SYSTEM FOR COLLECTING, PROCESSING AND TRANSPLANTING CELL SUBSETS INCLUDING ADULT STEM CELLS FOR REGENERATIVE MEDICINE ent Office Journal 26/09/2	BIOSAFE S.A.	43	DELHI

63	262898	6883/DELNP/2007	06/03/2006	07/03/2005	GASTRORESISTANT PHARMACEUTICAL FORMULATIONS CONTAINING RIFAXIMIN	ALFA WASSERMANN S.P.A	11/07/2008	DELHI
64	262899	3489/DELNP/2006	26/11/2004	26/11/2003	METHOD AND APPARATUS FOR ULTRASONIC DETERMINATION OF HEMATOCRIT AND HEMOGLOBIN CONCENTRATIONS	SEPARATION TECHNOLOGY, INC.	31/08/2007	DELHI
65	262903	3645/DELNP/2007	18/11/2005	18/11/2004	COLORANT COMPOSITIONS	MILLIKEN & COMPANY	31/08/2007	DELHI
66	262907	2653/DELNP/2008	06/09/2006	06/09/2005	METHODS AND VECTORS FOR TRANSFORMING PLANT CELLS	MONSANTO TECHNOLOGY LLC	25/07/2008	DELHI
67	262910	8446/DELNP/2007	24/04/2006	29/04/2005	MAC MULTIPLEXING AND TFC SELECTION PROCEDURE FOR ENHANCED UPLINK	INTER DIGITAL TECHNOLOGY CORPORATION	04/07/2008	DELHI
68	262912	5906/DELNP/2007	06/02/2006	08/02/2005	A METHOD OF DETERMINING SUCCESSFUL RECEIPT AT A MOBILE TERMINAL	NOKIA SIEMENS NETWORKS GMBH & CO. KG	24/08/2007	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 Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	169917	74/BOM/1989	21/03/1989		COSMETIC COMPOSITION	HINDUSTAN LEVER LIMITED	27/05/1989	MUMBAI
2	172482	103/BOM/1990	07/05/1990		DETERGENT COMPOSITIONS IN BAR FORM	HINDUSTAN LEVER LIMITED	17/07/1990	MUMBAI
3	172680	369/BOM/1992	24/11/1992		PROCESS FOR THE PREPARATION OF COMPOSITE PHARMACEUTICAL PREPARATION CONTAINING PEFLOXACIN.	WOCKHARDT LIMITED	23/01/1993	MUMBAI
4	1/6//81	20/MUMNP/20 09	29/06/2007	30/06/2006	METHODS FOR THE PREPARATION OF BIOLOGICALLY ACTIVE COMPOUNDS IN NANOPARTICULATE FORM	ICEUTICA PTY LTD	10/04/2009	MUMBAI
5	1/6//84	803/MUMNP/2 009	07/10/2007	28/09/2006	A PHARMACEUTICAL COMPOSITION FOR JOINT LUBRICATION	HADASIT MEDICAL RESEARCH SERVICES & DEVELOPMENT LIMITED, TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD., YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM	22/05/2009	MUMBAI
6	262784	1082/MUMNP/ 2009	23/11/2007	05/12/2006	ORAL CARE PRODUCT	HINDUSTAN UNILEVER LIMITED	19/11/2010	MUMBAI
7	262790	1703/MUMNP/ 2007	03/04/2006	21/09/2005	A SPINDLE STOPPING MECHANISM FOR YARN PRODUCING MACHINE	SANKO TEKSTIL ISLETMELERI SAN. VE TIC. A.S.	23/11/2007	MUMBAI
8	262793	1628/MUM/200 7	24/08/2007		A BUILDER BAG	FLEXITUFF INTERNATIONAL LIMITED	19/06/2009	MUMBAI
9	262797	1655/MUM/200 6	06/10/2006		PROCESS OF PREPARING CRYSTALLINE PREGABALIN	CADILA HEALTHCARE LIMITED	15/08/2008	MUMBAI
10	262798	547/MUM/2006	07/04/2006		A HIGH TEMPERATURE GENERATOR FOR A VAPOUR ABSORPTION HEAT PUMP	THERMAX LIMITED		MUMBAI

262807	98/MUM/2008	14/01/2008 15:44:06		FUNCTIONALIZED BIS- HOMOCUBYL SYSTEMS AS NOVEL LIGANDS AND CATALYSTS IN ASYMMETRIC REACTIONS	INDIAN INSTITUTE OF TECHNOLOGY	02/10/2009	MUMBAI
262808	487/MUM/2010	24/02/2010 15:01:14		ELECTRICALLY INSULATING, FLAME RETARDANT TAPE AND THE PROCESS OF MANUFACTURING THE SAME	PRS SOLUTIONS PRIVATE LIMITED	28/05/2010	MUMBAI
262809	2505/MUM/200 7	20/12/2007	28/12/2006	METHOD FOR OPERATING AN OBJECT- BASED CONFIGURATION SYSTEM FOR FIELD DEVICES OF AUTOMATION TECHNOLOGY	CODE WRIGHTS GMBH	05/06/2009	MUMBAI
262823	1092/MUM/200 7	08/06/2007		A NOVEL COMPOSITION OF NON-AQUEOUS TOPICAL SOLUTION	PATEL KETAN R.,PATEL, KETAN R	19/06/2009	MUMBAI
262837	366/MUM/2008	20/02/2008 14:59:45		AN IMPROVED PROCESS FOR PREPARATION OF TETRAHYDRO-N-{3- (METHYLAMINO)PROPYL}- 2-FURAN CARBOXAMIDE	UNICHEM LABORATORIES LIMITED	09/10/2009	MUMBAI
262838	534/MUM/2009	12/03/2009 15:43:21		EXTENDED RELEASE FORMULATION OF CYCLOBENZAPRINE	MACLEODS PHARMACEUTICALS LIMITED	19/11/2010	MUMBAI
262842	1358/MUMNP/ 2009	18/01/2008	26/01/2007	SHADING COMPOSITION	HINDUSTAN UNILEVER LIMITED	06/05/2011	MUMBAI
262843	2128/MUMNP/ 2007	19/06/2006	20/06/2005	WASTE GAS TREATMENT PROCESS INCLUDING REMOVAL OF MERCURY	CANSOLV TECHNOLOGIES INC.	08/02/2008	MUMBAI
262845	2561/MUM/201 0	16/09/2010 12:02:24		CATALYST COMPOSITION (ICAT-3) COMPRISING OF TRANSITION METALS SUPPORTED ON A ACIDIFIED ANATASE TITANIA	YADAV GANAPATI DADASAHEB	15/10/2010	MUMBAI
262846	495/MUMNP/2 009	22/10/2007	23/10/2006	1,5-DIPHENYL-3- BENZYLAMINO-1,5- DIHYDROPYRROLIDIN-2- ONE AS CB1 RECEPTOR MODULATORS	ELI LILLY AND COMPANY	22/05/2009	MUMBAI
262880	140/MUMNP/2 007	28/07/2005	04/08/2004	A PAPERMAKER'S FABRIC	ALBANY INTERNATIONAL CORP.	03/08/2007	MUMBAI
262883	385/MUM/2008	25/02/2008		COOLING SYSTEM FOR AN INTERNAL COMBUSTION ENGINE	TATA MOTORS LIMITED	18/04/2008	MUMBAI
262890	2452/MUM/200 8	20/11/2008 15:38:16	26/02/2008	PAPER SHEET TRANSPORT MECHANISM AND PAPER HANDLING DEVICE	HITACHI-OMRON TERMINAL SOLUTIONS CORP	04/09/2009	MUMBAI
262893	1988/MUMNP/ 2008	27/03/2006	27/03/2006	WAVEGUIDE JUNCTION	TELEFONAKTIEBOLAGE T LM ERICSSON (PUBL)	24/10/2008	MUMBAI
	262808 262809 262823 262837 262837 262838 262842 262843 262845 262845 262845 262845 262845	/ 262823 1092/MUM/200 262823 366/MUM/2008 262837 366/MUM/2009 262838 534/MUM/2009 262842 1358/MUMNP/ 262843 2128/MUMNP/ 262843 2128/MUMNP/ 262843 2128/MUMNP/ 262845 2561/MUM/201 262846 495/MUMNP/2 262880 140/MUMNP/2 262883 385/MUM/2008 262883 385/MUM/2008	262807 98/MUM/2008 15:44:06 262808 487/MUM/2010 24/02/2010 262809 2505/MUM/2000 20/12/2007 262823 1092/MUM/200 08/06/2007 262823 1092/MUM/2008 20/02/2008 262837 366/MUM/2008 20/02/2008 262838 534/MUM/2009 12/03/2009 262842 1358/MUM/2009 15:43:21 262843 2128/MUMNP/ 18/01/2008 262843 2128/MUMNP/ 19/06/2006 262845 2561/MUM/201 16/09/2010 262846 495/MUMNP/2 22/10/2007 262880 140/MUMNP/2 28/07/2005 262883 385/MUM/2008 25/02/2008 262883 385/MUM/2008 25/02/2008 262890 2452/MUM/200 20/11/2008	262807 98/MUM/2008 15:44:06 262808 487/MUM/2010 24/02/2010 262809 2505/MUM/2000 20/12/2007 28/12/2006 262823 1092/MUM/2000 08/06/2007 2 262837 366/MUM/2008 20/02/2008 1 262838 534/MUM/2009 12/03/2009 1 262842 1358/MUMN2009 12/03/2009 1 262843 2128/MUMNP/ 18/01/2008 26/01/2007 262843 2128/MUMNP/ 19/06/2006 20/06/2005 262843 2561/MUM/201 16/09/2010 12/03/2006 262846 495/MUMNP/2 22/10/2007 23/10/2006 262883 385/MUM/2008 25/02/2008 14/08/2004 262883 385/MUM/2008 25/02/2008 26/02/2008 262883 385/MUM/2008 25/02/2008 26/02/2008 262883 1988/MUM/2008 25/02/2008 26/02/2008	26280798/MUM/200814/01/200814/01/2008HOMOCUBYL SYSTEMS AS NOVEL LIGANDS AND CATALYSTS IN ASYMMETRIC REACTIONS262808487/MUM/201024/02/2010ELECTRICALLY INSULATING, FLAME RETARDANT TAPE AND THE PROCESS OF AMAUTACTURING THE SAME2628092505/MUM/20020/12/200728/12/2006METHOD FOR OPERATING AN OBJECT- BASED CONFIGURATION SYSTEM FOR FIELD DEVICES OF AUTOMATION TECINIOLOGY2628231092/MUM/20086/06/200728/12/2006ANOVEL COMPOSITION OF NON-AQUEDUS TOPICAL SOLUTION262837366/MUM/200820/02/2008AN IMPROVED PROCESS FOR PREPARATION OF TETRAHYDRO-N-{3- (METHYLAMINO)PROPYL})- 2-FURAN CARBOXAMIDE262843236/MUM/200912/03/2009S/01/2007SHADING COMPOSITION REMOVAL OF MERCURY2628432128/MUMNP/ 200718/01/200826/01/2007SHADING COMPOSITION REMOVAL OF MERCURY2628452561/MUM/20116/09/2010 20/0720/06/2005RATALYST COMPOSITION (ICAT-13 COMPRISING OF TRANSTION METALS SUPPORTED ON A ACIDIFED ANATASE TITIANIA262846140/MUMNP/ 20/0722/10/200723/10/2006COOLING SYSTEM FOR AN ACIDIFED ANATASE TITIANIA262848140/MUMNP/228/07/200504/08/2004A PAPERMAKER'S FABRIC262848140/MUMNP/228/07/200504/08/2004A PAPERMAKER'S FABRIC262843185/MUM/200825/02/200864/08/2004A PAPERMAKER'S FABRIC262844140/MUMNP/228/07/200504/08/2004A PAPERMAKER'S FABRIC262845140/MUM	26280798/MUM/200814/0 1/2008HOMOCUEYL SYSTEMS AS NOVEL LIGANDS AND CATALYSTS IN NOVEL LIGANDS AND CATALYSTS IN NOVEL LIGANDS AND CATALYSTS IN NSULATING, FLAME RETARDANT TAPE AND THE PROCESS OF MANUFACTURING THE SAMEINDIAN INSTITUTE OF TECHNOLOGY262808487/MUM/20024/02/2010 15:01:14ELECTRA EAATING RETARDANT TAPE AND THE PROCESS OF ANDER TARDANT TAPE AND THE PROCESS OF MANUFACTURING THE SAMEPRS SOLUTIONS PRIVATE LIMITED2628092505/MUM/200 20/12/200728/12/2006RETHED DEVICES OF AUTOMATION SOLUTIONCODE WRIGHTS GMBH AUTOMATION SYSTEM FOR FIELD DEVICES OF NON-AQUEOUS TOPICAL SOLUTIONCODE WRIGHTS GMBH AUTOMATION OF TETRA/HYDRO-N.12262837366/MUM/200820/02/2008 14:59/45AN IMPROVED PROCESS FOR PREPARATION OF TETRA/HYDRO-N.2 -VECRA CARBOXAMUNOPRO OF TETRA/HYDRO-N.2 -VECRA CARBOXAMUNOPRO PROCESS INCLUDINGMACLEODS HARMACEUTICALS LIMITED262843534/MUM/200912/03/2009 15:43:21SCHEDED RELEASE FOR INLATION OF TETRA/HYDRO-N.2 -VECRA CARBOXAMUNMACLEODS HARMACEUTICALS LIMITED262843534/MUM/20012/03/2009 15:43:21SCHEDED RELEASE FOR INLATION OF TETRA/HYDRO-N.2 -VECRA CARBOXAMUNMACLEODS HARMACEUTICALS LIMITED2628435261/MUM/20116/09/2010 20/02/20SHADING COMPOSITION CATALYST COMPOSITION CATALYST COMPOSITION CATALYST COMPOSITION HITMOCALOR PARA CODED RELEASE POR UNAL OF MARCURAR RECHANDAL OF MARCURAR RECHANDAL OF MARCURAR CODED RELEASE SUPPORTED ON A ACCIDED PLANTASE TITANA2628432561/MUM/20<	26280798/MUM/200814/01/2008H/IDMOCUBYL_SYSTEMS AS NOVEL LIGANDS AND ASYMMERIC REACTIONSINDIAN INSTITUTE OF DOLL/200902/10/2009262808487/MUM/201024/02/2010Image: Construction of the process of process o

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25	262895	1151/MUMNP/ 2007	08/02/2006	23/02/2005	METHOD AND APPARATUS FOR CHANNEL ESTIMATION TO ELECTRO - MAGNETIC WAVE MULTI PATH BETWEEN SENDER AND RECEIVER BY USING CHIRP SIGNAL	ORTHOTRON CO., LTD.	12/10/2007	MUMBAI
26	262896	2434/MUM/200 8	18/11/2008 15:58:02	04/12/2007		HEIMBACH GMBH & CO KG	19/06/2009	MUMBAI
27	262902	476/MUM/2006	29/03/2006		A PROCESS FOR THE PURIFICATION OF ROPINIROLE HYDROCHLORIDE	ALEMBIC LIMITED	21/12/2007	MUMBAI
28	262909	1547/MUM/200 7	10/08/2007			INDIAN OIL CORPORATION LIMITED	29/05/2009	MUMBAI
29	262942	1557/MUMNP/ 2008	31/01/2007		CACHE LOCKING WITHOUT INTERFERENCE FROM NORMAL ALLOCATION	QUALCOMM INCORPORATED	26/09/2008	MUMBAI
30	262943	1610/MUMNP/ 2010	18/12/2008	28/12/2007	REINFORCED TUBE	SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION	19/11/2010	MUMBAI

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Ser ial Nu mb er	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	262785	1759/CHENP/2007	13/10/2005	27/10/2004	FLUID CONTAINER COMPOSED OF TWO PLATES	KONINKLIJKE PHILIPS ELECTRONICS N. V.	31/08/2007	CHENNAI
2	262786	2557/CHE/2008	20/10/2008		A GEOMETRIC CONSTRUCTION DEVICE FOR VISUALLY IMPAIRED AND METHODS THEREOF	INDIAN INSTITUTE OF SCIENCE	30/04/2010	CHENNAI
3	262788	4182/CHENP/2008	27/04/2007	16/06/2006	A MOBILE COMMUNICATIONS SYSTEM AND A MOBILE TERMINAL	MITSUBISHI ELECTRIC CORPORATION	13/03/2009	CHENNAI
4	262789	5312/CHENP/2008	22/03/2007	12/04/2006	VARIABLE MULTIPLE PARISON EXTRUSION HEAD HAVING AN ELECTRICALLY OPERATED ACTUATOR	TECHNE TECHNIPACK ENGINEERING ITALIA S.P.A.	20/03/2009	CHENNAI
5	262791	3650/CHENP/2008	07/12/2006	16/12/2005	A METHOD AND AN INSTALLATION FOR PRODUCING METAL STRIP BY DIRECT STRAND REDUCTION	SMS SIEMAG AKTIENGESELLSCHAF T	13/03/2009	CHENNAI
6	262792	4085/CHENP/2007	07/04/2006	11/04/2005	METHOD AND CATALYST FOR PRODUCING A CRUDE PRODUCT HAVING A REDUCED MCR CONTENT AND A METHOD OF MAKING THE CATALYST	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	23/11/2007	CHENNAI
7	262801	4383/CHENP/2007	05/04/2006	05/04/2005	AUTOMATIC PURGING AND EASY DISPENSING AEROSOL VALVE SYSTEM	Precision Valve Corporation	25/01/2008	CHENNAI
8	262802	281/CHENP/2007	04/07/2005	22/07/2004	A REFRIGERATION APPLIANCE	WHIRLPOOL CORPORATION	24/08/2007	CHENNAI
9	262812	1232/CHENP/2007	25/08/2005	25/08/2004	2-(5-Bromo-4-(4- cyclopropylnaphthalen-1- yl)-4H-1,2,4-triazol-3- ylthio)acetic acid, methyl ester, and 2-chloro-4- sulfamoylphenyl amide	ARDEA BIOSCIENCES, INC.,	31/08/2007	CHENNAI

10	262815	1535/CHENP/2007	15/09/2005	15/09/2004	METHOD FOR BLOCKING NETWORK SELECTION REDIRECTION ATTEMPTS IN ROAMING	StarHome GmbH	31/08/2007	CHENNAI
11	262816	1581/CHE/2005	31/10/2005	01/11/2004	A NETWORK ARCHITECTURE	LUCENT TECHNOLOGIES INC.	25/01/2008	CHENNAI
12	262817	6509/CHENP/2008	20/06/2007	20/06/2006	MULTICAST/BROADCAS T REPORTING FOR WIRELESS NETWORKS	Qualcomm Incorporated	03/04/2009	CHENNAI
13	262819	2736/CHE/2008	07/11/2008 16:04:06		SYSTEM AND METHOD FOR DOWNLOADING CONTENT ASSOCIATED WITH OPTICAL MEDIA	DELL PRODUCTS L.P.	14/05/2010	CHENNAI
14	262821	1845/CHENP/2007	24/10/2005	28/10/2004	DATA PROCESSING SYSTEM AND METHOD	KONINKLIJKE PHILIPS ELECTRONICS N.V.	31/08/2007	CHENNAI
15	262824	3257/CHENP/2007	24/01/2006	25/01/2005	METHOD FOR MAKING A RESERVOIR CONTAINING AN ACTIVE SUBSTANCE DIFFUSED THROUGH THE RESERVOIR AND INSTALLATION THEREOF	BAYER SHERING PHARMA AKTIENGESELLSCHAF T	16/11/2007	CHENNAI
16	262825	2486/CHENP/2008	23/11/2006	23/11/2006	ARRANGEMENT FOR PROCESSING DUST	SANDVIK MINING AND CONSTRUCTION OY	12/09/2008	CHENNAI
17	262831	957/CHE/2005	19/07/2005		A PROCESS FOR THE PREPARATION OF TELMISARTAN	MYLAN LABORATORIES LTD	27/07/2007	CHENNAI
18	262832	4221/CHENP/2007	23/02/2006	23/02/2005	DISPLAY METHODS AND APPARATUS	PIXTRONIX, INC	21/12/2007	CHENNAI
19	262833	1097/CHENP/2008	23/02/2006	23/02/2005	A PORTABLE DEVICE	PIXTRONIX, INC	12/09/2008	CHENNAI
20	262839	2533/CHENP/2007	23/11/2005	23/11/2004	ARRANGEMENT IN CONNECTION WITH AN OSCILLATOR CYLINDER	POLARTEKNIK PMC OY AB	07/09/2007	CHENNAI
21	262841	3168/CHE/2008	17/12/2008	19/12/2007	MOTORCYCLE FRONT COWL STRUCTURE	HONDA MOTOR CO., LTD.	09/04/2010	CHENNAI
22	262844	6487/CHENP/2008	12/06/2007	16/06/2006	A METHOD FOR TRANSMITTING PILOT ON REVERSE LINK IN A WIRELESS COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	27/03/2009	CHENNAI
23	262851	341/CHENP/2007	22/07/2005	26/07/2004	A METHOD FOR SEPARATING MAGNETIC PARTICLES SUSPENDED IN A FLUID AND DEVICE THEREOF	BIOMERIEUX B.V.	24/08/2007	CHENNAI
24	262857	4851/CHENP/2007	29/03/2006	29/03/2005	TRANSMISSION RATE CONTROL METHOD, MOBILE STATION AND RADIO NETWORK CONTROLLER	NTT DoCoMo, Inc.	25/01/2008	CHENNAI

25	262874	3541/CHENP/2007	21/02/2006	01/03/2005	A SYSTEM AND METHOD FOR A UV CURABLE INK HAVING INFRARED SENSITIVITY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P	16/11/2007	CHENNAI
26	262876	4351/CHENP/2007	20/02/2006	02/03/2005	URETHANE MODIFIED WATER-REDUCIBLE ALKYD RESINS	Allnex Austria GmbH,	25/01/2008	CHENNAI
27	262882	1894/CHE/2008	06/08/2008	08/08/2007	A METHOD OF CONTROLLING AN IMAGE PROCESSING APPARATUS	CANON KABUSHIKI KAISHA	21/08/2009	CHENNAI
28	262892	3273/CHENP/2007	27/01/2006	27/01/2005	PROCESS FOR PREPARATION OF ARIPIPRAZOLE FORM X	SANDOZ AG	16/11/2007	CHENNAI
29	262894	2739/CHE/2008	07/11/2008 16:31:42		A METHOD FOR PROCESSING A PLURALITY OF INTERNET PROTOCOL (IP) PACKETS OF A DIGITAL VIDEO BROADCAST-RETURN CHANNEL VIA SATELLITE (DVB- RCS)HUB	INDIAN SPACE RESEARCH ORGANISATION	14/05/2010	CHENNAI
30	262897	2154/CHENP/2007	17/10/2005	18/10/2004	A METHOD OF CONTROLLING ACTION OF A SYSTEM	MANTHATRON-IP LIMITED	07/09/2007	CHENNAI
31	262904	2817/CHENP/2007	24/11/2005	25/11/2004	STABILIZED CALCIUM PHOSPHATE COMPLEXES	THE UNIVERSITY OF MELBOURNE	07/09/2007	CHENNAI
32	262905	2579/CHENP/2008	25/10/2006	25/10/2005	METHOD AND SYSTEMS FOR PROVIDING MEDIA CONTENT DELIVERY AUDIT AND VERIFICATION SERVICES	TEKELEC , INC.	06/03/2009	CHENNAI
33	262906	1844/CHE/2006	05/10/2006		METHOD FOR ALLOCATING GAP PATTERNS IN A WIRELESS COMMUNICATION ENVIRONMENT	SAMSUNG R&D INSTITUTE INDIA - BANGALORE PRIVATE LIMITED	28/11/2008	CHENNAI
34	262911	1816/CHENP/2008	20/10/2006	21/10/2005	A QAM MODULATION AND DEMODULATION METHOD	NEC CORPORATION	09/01/2009	CHENNAI
35	262920	817/CHENP/2007	26/07/2005	27/07/2004	ARRANGEMENT FOR AND METHOD OF INSTALLING BUILDING ELEMENTS	IHC HOLLAND IE B.V.	24/08/2007	CHENNAI
36	262922	2114/CHE/2007	20/09/2007		TECHNIQUES FOR MODIFYING A QUERY BASED ON QUERY ASSOCIATIONS	YAHOO! INC.	11/09/2009	CHENNAI
37	262925	2364/CHENP/2007	27/10/2005	02/11/2004	BUCKLE FOLDING MACHINE	ZECHNER, KARL	07/09/2007	CHENNAI

38	262927	4327/CHENP/2006	25/05/2005	26/05/2004	PROCESS FOR THE COMPLETE COMBUSTION AND OXIDATION OF THE MINERAL FRACTION OF WASTE TREATED IN DIRECT INCINERATION- VITRIFICATION APPARATUS	COMMISSARIAT A l'ENERGIE ATOMIQUE,COMPAGNI E GENERALE DES MATIERES NUCLEAIRES	29/06/2007	CHENNAI
39	262928	3371/CHENP/2007	01/02/2006	02/02/2005	AUSTENETIC STEEL HAVING HIGH STRENGTH AND FORMABILITY AND A METHOD FOR ITS PRODUCTION	CORUS STAAL BV	16/11/2007	CHENNAI
40	262929	4140/CHENP/2007	24/04/2006	22/04/2005	A METHOD OF PRODUCING METHANE FROM A SUBSURFACE IN SITU CONVERSION PROCESS	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V	16/11/2007	CHENNAI
41	262930	7082/CHENP/2008	10/07/2007	10/07/2006	FREQUENCY HOPPING IN AN SC-FDMA ENVIRONMENT	Qualcomm Incorporated	21/08/2009	CHENNAI
42	262931	4931/CHENP/2007	27/04/2006	02/05/2005	A REWINDER MACHINE FOR THE PRODUCTION OF ROLLS OF WEB MATERIAL AND A METHOD FOR MANUFACTURING ROLLS OF WEB MATERIAL	FABIO PERINI S.P.A.	25/01/2008	CHENNAI
43	262937	372/CHENP/2009	30/08/2006	30/08/2006	A SPHERICAL PUZZLE WITH ROTATABLE SEGMENTS	MADHAVAN, MURALIDHARAN	05/06/2009	CHENNAI
44	262940	2490/CHE/2007	01/11/2007		METHOD OF SHARING INFORMATION AMONG A PLURALITY OF NODES IN A COMMUNICATION NETWORK	SAMSUNG R&D INSTITUTE INDIA- BANGALORE PRIVATE LIMITED	11/09/2009	CHENNAI
45	262941	1014/CHE/2006	09/06/2006		METHOD FOR INDICATING STATUS OF AN UNIVERSAL PLUG AND PLAY (UPnP) DEVICE TO A REMOTE DEVICE IN AN EXTERNAL NETWORK	SAMSUNG R& D INSTITUTE INDIA BANGALORE PRIVATE LIMITED	21/12/2007	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.

Seria l Num ber	Patent	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	262780	744/KOLNP/2007	26/08/2005	27/08/2004	CYCLOPAMINE ANALOGUES	INFINITY PHARMACEUTICALS, INC.	13/07/2007	KOLKATA
2	262782	819/KOLNP/2008	19/06/2006	25/08/2005	METHOD AND APPARATUS FOR SCHEDULING TRANSMISSIONS TO A GROUP OF COMMUNICATION RECEIPIENTS	MOTOROLA MOBILITY, INC.	19/12/2008	KOLKATA
3	262787	912/KOLNP/2008	11/08/2006	01/09/2005	A PROCESS FOR PREPARING AN ALKOXYLATION CATALYST	SASOL NORTH AMERICA INC.	19/12/2008	KOLKATA
4	262800	2154/KOLNP/2008	27/11/2006	28/11/2005	FORMALDEHYDE-FREE PHENOLIC RESIN BINDER	SAINT-GOBAIN ISOVER	16/01/2009	KOLKATA
5	262870	206/KOLNP/2007	27/07/2005	29/07/2004	STIMULATOR HANDPIECE FOR AN EVOKED POTENTIAL MONITORING SYSTEM	WARSAW ORTHOPEDIC, INC.	29/06/2007	KOLKATA
6	262871	684/KOL/2008	07/04/2008 15:54:30	21/05/2007	8-SPEED TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	05/06/2009	KOLKATA
7	262872	262/KOL/2008	14/02/2008	26/02/2007	ELECTRICALLY-VARIABLE TRANSMISSION HAVING TWO FORWARD LOW RANGE ELECTRICALLY VARIABLE-MODES AND A REVERSE ELECTRICALLY VARIABLE-MODE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	05/09/2008	KOLKATA
8	262873	3516/KOLNP/200 6	13/05/2005	02/06/2004	FILTER ELEMENT	HYDAC FILTERTECHNIK GMBH	15/06/2007	KOLKATA
9	262875	1588/KOLNP/200 9	22/11/2007	27/11/2006	HYDROGENATION OF ESTERS WITH RU/BIDENTATE LIGANDS COMPLEXES	FIRMENICH SA	29/05/2009	KOLKATA
10	262885	2863/KOLNP/200 8	13/02/2006	13/01/2006	HYBRID VIDEO DECODER AND ENCODER FOR IMPLEMENTING METHODS OF GENERATING AND DECODING OF A PICTURE REPRESENTED IN A REPRESENTATION	FRAUNHOFER- GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	06/02/2009	KOLKATA

11	262886	720/KOL/2008	15/04/2008	19/06/2007	A ROCKER ARM ASSEMBLY IN A VALVE TRAIN OF AN INTERNAL COMBUSTION ENGINE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	05/06/2009	KOLKATA
12	262887	3385/KOLNP/200 6	13/05/2005	14/05/2004	A MEDICAL GUIDEWIRE STRUCTURE	ETHICON ENDO - SURGERY, INC .	15/06/2007	KOLKATA
13	262900	1897/KOLNP/200 8	08/11/2006	08/11/2005	HETEROCYCLIC MODULATORS OF ATP- BINDING CASSETTE TRANSPORTERS	VERTEX PHARMACEUTICALS INCORPORATED	09/01/2009	KOLKATA
14	262901	3367/KOLNP/200 8	26/01/2007	27/01/2006	CYANOISOQUINOLINE COMPOUNDS THAT STABILIZE HYPOXIA INDUCIBLE FACTOR (HIF)	FIBROGEN, INC.	13/02/2009	KOLKATA
15	262908	1616/KOLNP/200 4	03/03/2003	04/04/2002	BISPHOSPHINES AS BIDENTATE LIGANDS	DEGUSSA AG.	28/07/2006	KOLKATA
16	262915	212/KOL/2006	15/03/2006		A PROCESS FOR MANUFACTURING WEAR RESISTANT LINERS FOR MATERIAL HANDLING EQUIPMENTS	STEEL AUTHORITY OF INDIA LIMITED	12/10/2007	KOLKATA
17	262916	333/KOL/2004	21/06/2004		AN IMPROVED SYSTEM FOR THE PRODUCTION OF DEFORMATION FREE BILLETS	STEEL AUTHORITY OF INDIA LIMITED	16/06/2006	KOLKATA
18	262917	1283/KOLNP/200 8	05/10/2006	07/10/2005	APPARATUS AND METHOD FOR DETERMINING THE VOLUME FRACTIONS OF THE PHASES IN A SUSPENSION	ALBERT-LUDWIGS- UNIVERSITAT FREIBURG	26/12/2008	KOLKATA
19	262918	524/KOL/2006	01/06/2006	26/07/2005	A TRANSPORT BELT FOR TRANSPORTING A FIBRE STRAND	MASCHINENFABRIK RIETER AG	13/07/2007	KOLKATA
20	262919	467/KOL/2008	06/03/2008	15/05/2007	A METHOD AND A SYSTEM FOR EMISSIONS CONTROL FOR INTERNAL COMBUSTION ENGINES	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
21	262921	280/KOLNP/2007	13/07/2005	03/08/2004	PROCESS FOR COMBINING AUDIO CHANNELS	DOLBY LABORATORIES LICENSING CORPORATION	06/07/2007	KOLKATA
22	262923	4131/KOLNP/200 7	31/03/2006	01/04/2005	DEVICE FOR DETERMINING OF PROPERTIES IN A FLUID AND/OR CONSTITUENTS THEREOF	DIASPECT MEDICAL AB	25/01/2008	KOLKATA
23	262926	4262/KOLNP/200 9	18/03/2008	15/06/2007	EPOXY RESIN COMPOSITION	DEXERIALS CORPORATION	20/08/2010	KOLKATA

24	262934	3929/KOLNP/200 9	24/07/2008	30/07/2007	METHOD FOR CONTROLLING A WASTE WATER CONCENTRATION OF CLEANING SOLUTION CONTAINING PHOSPHORUS	JFE STEEL CORPORATION	19/02/2010	KOLKATA
25	262936	1194/KOL/2009	23/09/2009		AN IMPROVED SYSTEM TO PRODUCE LOW ASH CLEAN COAL AND SUPERCLEAN COALS	TATA STEEL LIMITED	19/10/2012	KOLKATA
26	262939	3824/KOLNP/200 7	14/06/2006	27/06/2005	A COMPOSITE ARTICLE SELECTED FROM A ROTARY TOOL AND A ROTARY TOOL BLANK AND METHOD OF FORMING THEREOF	TDY INDUSTRIES, INC.	21/03/2008	KOLKATA

CONTINUED TO PART-3

CONTINUED FROM PART-2

INTRODUCTION

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

Public Notice

Due to technical problem the O/o CGPDTM is unable to publish the publication of registered design u/s 7 of the Design Act, 2000 for this week (Journal no. 39 and date of publication 26/09/2014)

THE DESIGNS ACT 2000 SECTION 30 DESIGN ASSIGNMENT

(1)

The Design stands in the name of HEULIEZ CONCORD registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
218967	12-08	MIA ELECTRIC OF, 45 RUE DES PIERRIERES, 79140 CERIZAY, FRANCE, A COMPANY ESTABLISHED UNDER THE LAWS OF FRANCE

(2)

The Design stands in the name of KOPRAN LIMITED registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
195398	24-04	MERCK SPECIALITIES PRIVATE LTD. A INDIAN COMPANY INCORPRATED UNDER THE [INDIAN] COMPANIES ACT, 1956 AND HAVING ITS REGISTERED OFFICE AT 1 A/2, MIDC ESTATE, TALOJA, PANVEL. DIST RAIGAD, MAHARASHTRA. INDIA

CANCELLATION PROCEEDINGS under Section 19 of the Designs Act, 2000

(1)

"The Asstt. Controller of Patents & Designs passed an order on 22/9/2014 to dismiss the petition filed by Shri Vishnuprasad Mohanlal Panchal of B-13, Sunrise Park Society, B/h. Sujata Flats, Opp. Chaitanya Nagar, Shahibaug, Ahmedabad - 380004 on 7/9/2011 for cancellation of registration of registered Design No. 222514 dated 20/4/2009 under class 15-05 titled as 'Dewatering Machine' in the name of Geeli Machinery Works, a sole proprietory concern, nationality Indian, having its office at Plot No.3A, Mona Estate, Opp. Anil Starch Mill, Anil Road, Ahmedabad – 380025, Gujarat State, India."

(2)

"The Asstt. Controller of Patents & Designs passed an order on 22/9/2014 to cancel the registration of registered Design No. 222849 dated 12/5/2009 under class 28-02 titled as 'Soap' in the name of Sunshine Oleochem Ltd, a company incorporated under the Indian Companies Act, at 2nd Floor, Mahakosh House, 7/5 South Tukoganj, Indore-452001, Madhya Pradesh India."

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SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	229167	28.07.2014
2.	235506	31.07.2014
3.	214189	18.08.2014
4.	233315	18.08.2014
5.	196026	19.08.2014
6.	196027	19.08.2014
7.	214480	19.08.2014
8.	214692	19.08.2014
9.	195158	20.08.2014
10.	233999	20.08.2014
11.	234182	20.08.2014
12.	234495	20.08.2014
13.	240056	20.08.2014
14.	239380	20.08.2014
15.	239381	20.08.2014