

पेटेंट कार्यालय
का
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं.	37/2013
ISSUE NO.	37/2013

शुक्रवार
FRIDAY

दिनांक: 13/09/2013
DATE: 13/09/2013

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

13th SEPTEMBER, 2013

CONTENTS

<i>SUBJECT</i>		<i>PAGE NUMBER</i>
JURISDICTION	:	22290 – 22291
SPECIAL NOTICE	:	22292 – 2293
EARLY PUBLICATION (DELHI)	:	22294 – 22296
EARLY PUBLICATION (MUMBAI)	:	22297
EARLY PUBLICATION (KOLKATA)	:	22298
PUBLICATION AFTER 18 MONTHS (DELHI)	:	22299 – 22553
PUBLICATION AFTER 18 MONTHS (MUMBAI)	:	22554 – 22582
PUBLICATION AFTER 18 MONTHS (CHENNAI)	:	22583 – 22609
PUBLICATION AFTER 18 MONTHS (KOLKATA)	:	22610 – 22747
PUBLICATION U/S 60 IN RESPECT OF RESTORED PATENTS (DELHI)	:	22748 – 22750
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (DELHI)	:	22751 – 22754
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (MUMBAI)	:	22755
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (CHENNAI)	:	22756 – 22757
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (KOLKATA)	:	22758
INTRODUCTION TO DESIGN PUBLICATION	:	22759
DESIGN CORRIGENDUM	:	22760
COPYRIGHT PUBLICATION	:	22761
THE DESIGNS ACT 2000 SECTION 30 DESIGN ASSIGNMENT	:	22762
REGISTRATION OF DESIGNS	:	22763 - 22806

**THE PATENT OFFICE
KOLKATA, 13/09/2013**

Address of the Patent Offices/Jurisdictions

The following are addresses of all the Patent Offices located at different places having their Territorial Jurisdiction on a Zonal basis as shown below:-

<p>1 Office of the Controller General of Patents, Designs & Trade Marks, Boudhik Sampada Bhavan, Near Antop Hill Post Office, S.M. Road, Antop Hill, Mumbai - 400 037</p> <p>Phone: (91)(22) 24123311, Fax : (91)(22) 24123322 E-mail: cgpdtm@nic.in</p>	<p>4 The Patent Office, Government of India, Intellectual Property Rights Building, G.S.T. Road, Guindy, Chennai - 600 032.</p> <p>Phone: (91)(44) 2250 2081-84 Fax : (91)(44) 2250 2066 E-mail: chennai-patent@nic.in</p> <p>❖ The States of Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.</p>
<p>2 The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office, S.M. Road, Antop Hill, Mumbai - 400 037</p> <p>Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: mumbai-patent@nic.in</p> <p>❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli</p>	<p>5 The Patent Office (Head Office), Government of India, Boudhik Sampada Bhavan, CP-2, Sector -V, Salt Lake City, Kolkata- 700 091</p> <p>Phone: (91)(33) 2367 1943/44/45/46/87 Fax: (91)(33) 2367 1988 E-Mail: kolkata-patent@nic.in</p>
<p>3 The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32., Sector-14, Dwarka, New Delhi - 110075</p> <p>Phone: (91)(11) 2808 1921 - 25 Fax: (91)(11) 2808 1920 & 2808 1940 E-mail: delhi-patent@nic.in</p> <p>❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttaranchal, Delhi and the Union Territory of Chandigarh.</p>	<p>❖ Rest of India</p>

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

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

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 13/09/2013
कार्यालयों के क्षेत्राधिकार के पते

विभिन्न जगहों पर स्थित पेटेंट कार्यालय के पते आंचलिक आधार पर दर्शित उनके प्रादेशिक अधिकार क्षेत्र के साथ नीचे दिए गए हैं :-

<p>1</p> <p>कार्यालय: महानियंत्रक, एकस्व, अभिकल्प तथा व्यापार चिह्न, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई -400 037, भारत. फोन: (91)(22) 24123311 फैक्स: (91)(22) 24123322 ई.मेल: cgpdtm@nic.in</p>	<p>4</p> <p>पेटेंट कार्यालय चेन्नई, इंटेलेक्चुअल प्रोपर्टी राइट्स बिल्डिंग इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टु ईगल फ्लास्क जी.एस.टी. रोड, गायन्डी, चेन्नई - 600 032. फोन: (91)(44) 2250 2081-84 फैक्स: (91)(44) 2250-2066 ई.मेल: chennai-patent@nic.in ❖ आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षद्वीप</p>
<p>2</p> <p>पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई - 400 037, फोन: (91)(22) 2413 7701, फैक्स: (91)(22) 2413 0387 ई.मेल: mumbai-patent@nic.in ❖ गुजरात, महाराष्ट्र, मध्य प्रदेश, गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर और नगर हवेली.</p>	<p>5</p> <p>पेटेंट कार्यालय कोलकाता (प्रधान कार्यालय), बौद्धिक संपदा भवन, सीपी-2, सेक्टर-V, साल्ट लेक सिटी, कोलकाता- 700 091, भारत. फोन: (91)(33) 2367 1943/44/45/46/87 फैक्स/Fax: (91)(33) 2367 1988 ई.मेल: kolkata-patent@nic.in ❖ भारत का अवशेष क्षेत्र</p>
<p>3</p> <p>पेटेंट कार्यालय दिल्ली, बौद्धिक संपदा भवन, प्लॉट सं. 32, सेक्टर - 14, द्वारका, नई दिल्ली - 110 075. फोन: (91)(11) 2808 1921-25 फैक्स: (91)(11) 2808 1920, 2808 1940 ई.मेल: delhi-patent@nic.in ❖ हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़</p>	

वेबसाइट: <http://www.ipindia.nic.in>
www.patentoffice.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2006 द्वारा वांछित सभी आवेदन, सूचनाएँ, विवरण या अन्य दस्तावेज या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे ।

शुल्क: शुल्क या तो नकद 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.4/- 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.2315/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : HIGH STRENGTH POLYSTYRENE NANOCOMPOSITE

(51) International classification	:c08j7/16	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MD AZAD ALAM
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF MECHANICAL
(33) Name of priority country	:NA	ENGINEERING ALIGARH MUSLIM UNIVERSITY
(86) International Application No	:NA	ALIGARH, 202002 Uttar Pradesh India
Filing Date	:NA	2)SAJJAD ARIF
(87) International Publication No	: NA	3)AKHTER HUSAIN ANSARI
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MD AZAD ALAM
(62) Divisional to Application Number	:NA	2)SAJJAD ARIF
Filing Date	:NA	3)AKHTER HUSAIN ANSARI

(57) Abstract :

Composite materials are composed of two or more components with fillers or reinforcing fibers and a compactable matrix. This is done to achieve superior and unique mechanical and physical properties. In this work polystyrene is taken as a matrix material and nano ZnO is used as a filler. In the present nanocomposites, it is synthesized through bulk polymerization with predetermined filler concentration and predetermined stirring speed. The XRD with nano-ZnO as filler gives crystalline nature to nanocomposites. The mechanical properties of nanocomposites at 0.3% filler concentration and 1200 rpm exhibits the tensile strength and Rockwell hardness with an improvement of 73.99% and 47.14% respectively with respect to neat polystyrene. While flexural strength is exhibited by 37.82% improvement at 0.3% concentration and 1200 rpm with respect to neat polystyrene.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2316/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : HIGH STRENGTH POLY(METHYL METHACRYLATE) NANOCOMPOSITE

(51) International classification	:c08J7/16	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAJJAD ARIF
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF MECHANICAL
(33) Name of priority country	:NA	ENGINEERING ALIGARH MUSLIM UNIVERSITY
(86) International Application No	:NA	ALIGARH, 202002 Uttar Pradesh India
Filing Date	:NA	2)MD AZAD ALAM
(87) International Publication No	: NA	3)AKHTER HUSAIN ANSARI
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SAJJAD ARIF
(62) Divisional to Application Number	:NA	2)MD AZAD ALAM
Filing Date	:NA	3)AKHTER HUSAIN ANSARI

(57) Abstract :

Composite materials are composed of two or more components with fillers or reinforcing fibres and a compactable matrix. This is done to obtained specific characteristics. In this work PMMA is taken as a matrix material and nano-CaCO₃ is used as filler. In the present nanocomposites, it has been synthesized through bulk polymerization with predetermined filler concentration and predetermined stirring speed. The XRD with nanoCaCO₃ as filler gives crystalline nature to nanocomposites. The mechanical properties of nanocomposites at 0.6% filler concentration and 1000 rpm exhibits the tensile strength and Rockwell hardness with an improvement of 53% and 27 % respectively with respect to neat Poly (methyl methacrylate). While Impact strength is exhibited by 63% improvement at 0.6% concentration and 800 rpm with respect to pure Poly (methyl methacrylate).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1278/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : AN IMPROVED TECHNIQUE FOR PRESTRESSING WITH FRP SHEETS

(51) International classification	:E04C5/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. ABHIJIT MUKHERJEE
(32) Priority Date	:NA	Address of Applicant :THAPAR UNIVERSITY, THAPAR
(33) Name of priority country	:NA	TECHNOLOGY CAMPUS, PATIALA 147004, Punjab India
(86) International Application No	:NA	2)DR. SHWETA GOYAL,
Filing Date	:NA	3)THAPAR UNIVERSITY, PATIALA (INDIA)
(87) International Publication No	:NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. ABHIJIT MUKHERJEE
Filing Date	:NA	2)DR. SHWETA GOYAL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved process for strengthening a target structure using a fiber sheet, the process comprising preparation of the target structure to receive the fiber sheet; anchoring the fiber sheet on the target structure at a dead end of the target structure; and pre-stressing the fiber sheet at a live end of the target structure.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2851/MUM/2013 A

(43) Publication Date : 13/09/2013

(54) Title of the invention : VANKATHI.

(51) International classification	:A01G23/00, A01G7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MR. BALBHIM SHANTARAM DOKE

Address of Applicant :FINAL PLOT NO.130, PREMSADAN,
PROFESSOR COLONY ROAD, NEAR DATTA TEMPLE,
VEDANT NAGAR, SAVEDE, DIST: AHMEDNAGAR-422601,
MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)MR. BALBHIM SHANTARAM DOKE

(57) Abstract :

Seeds is being sowed by Vankathi then the seed will be sowed on the desired place as per the rules and get covered by the soil as per the rules of nature and all these process could be done by standing and hence could not suffer from the disease of waist, back bone and back pain, neck etc. and as the work is being done by standing and moving the speed of the work get increased. One person can sow 100 to 120 seeds in one hour and as all the process are natural and hence there is 100% capacity of growing the seeds. As the seeds being sowed in the soil the same is get protected from the birds, flood, drying by sunlight etc and hence seed sowing could complete successfully.

No. of Pages : 6 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.860/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :19/07/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : AN IMPROVED LOW-COST SINGLE-SHOT HYPODERMIC SYRINGE

(51) International classification	:A61M5/178
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PARTHA PRATIM ROY

Address of Applicant :RUCHIRA RESIDENCY, TOWER - 4,
FLAT NO.10/1, 369, PURBACHAL KALITALA ROAD,
E.M.BYPASS, WEST BENGAL, INDIA

(72)Name of Inventor :

1)ANARTA ROY

(57) Abstract :

The present invention relates to An Improved Low-cost Single-shot Hypodermic Syringe with auto-locking system, the needle (1) protrudes from the barrel head(2). This invention comprises the plunger assembly(9) comprises a hollow cylinder(8) having inner wall consisting of four longitudinal grooves(8b) at their middle four window-like openings(8a) through the wall of the cylinder(8), to inject the medication when the plunger (9) is pulled a cap-like structure(5),with a conical top and four squeezable legs(6), slides along the grooves(8b) as well as the legs(6) get locked and remains inserted into the window-like openings(8a) diametrically opposite to each other through the wall(8),when the plunger(9) is pushed to inject entire medicine the conical cap-edge travels over the ring-shaped projection(2d) and gets locked permanently in the angular projection(2c) to provide locking nozzle nearest to needle(1)at the smallest part(2)of the barrel(4), any further attempt to pull, the plunger(9) comes out from the barrel without locking-cap(5),the syringe of this invention prevents re-use.

No. of Pages : 22 No. of Claims : 4

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.1060/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/02/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : SEALING DISC WITH TAB FOR CLOSING A CONTAINER HAVING A PLUG OR CAP CLOSURE AND FABRICATION METHOD

(51) International classification :B65D 51/20

(31) Priority Document No :0757839

(32) Priority Date :25/09/2007

(33) Name of priority country :France

(86) International Application No :PCT/FR2008/051476

Filing Date :07/08/2008

(87) International Publication No :WO 2009/040486

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MANUFACTURE GENERALE DE JOINTS

Address of Applicant :LA CROIX DU PLAN, 69380 CHAZAY D'AZERGUES FRANCE.

(72)Name of Inventor :

1)TRIQUET STEPHANE

2)BISCHOFF REMY

(57) Abstract :

Sealing disc (1) for closing a container having a plug or cap closure, comprising a support (2) to be positioned at the bottom of the plug or of the cap, joined by means of a temporary adhesive (7) to a membrane seal (3) to be sealed on the mouth of the container, the said membrane seal (3) being provided on all or part of its thickness with a prolongation constituting a pull tab (6), characterized in that the whole surface of the tab is folded back on the face of the membrane seal (3) in contact with the corresponding face of the support (2).

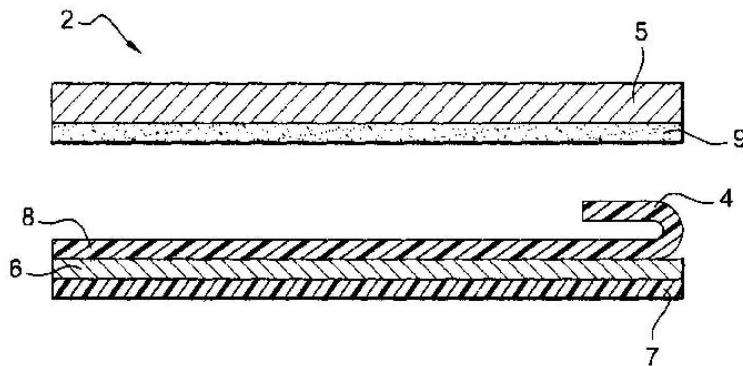


Fig. 3

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1200/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/02/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : AN ENVIRONMENTAL FRIENDLY LIGHT HYDROCARBON FUEL FOR VEHICLES

(51) International classification :C10L 1/20
(31) Priority Document No :200710045753.4
(32) Priority Date :10/09/2007
(33) Name of priority country :China
(86) International Application No :PCT/CN2007/003170
Filing Date :08/11/2007
(87) International Publication No :WO 2009/033331
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SHANGHAI CHINAMAX NEW ENERGY CO., LTD.
Address of Applicant :NO. 6726 TINGWEI ROAD,
JINSHAN DISTRICT, SHANGHAI 201506, P.R. CHINA
(72)**Name of Inventor :**
1)MAOSHENG LEE,
2)YENCHIH WU,
3)JIANMING ZHAO,
4)JIANZHI LI,

(57) Abstract :

The present invention discloses an environmental-friendly vehicle light hydrocarbon fuel, with contents of its components as below according to part by weight: (1) Light hydrocarbon: 100 parts by weight; (2) aromatic hydrocarbon: 460 parts by weight; (3) lead free antiknock: 020 parts by weight; (4) cation fluorocarbon surfactant: 00.2 parts by weight; and (5) surface active increased superscript agent: 0.0012 parts by weight. The product of the present invention can increase auto-ignition temperature of the fuel, improve distillation range distribution of the fuel, increase burning velocity of the fuel, enhance power and reduce abrasion of an engine, avoid the formation of piston carbon, and lower consumption of the fuel, with a calorific value > 42000 KJ/kg, being a novel substitute vehicle fuel that is energy saving, environmental-friendly, and cost effective.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1262/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :23/02/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : A FLOW CYTOMETRY SYSTEM

(51) International classification :B01L
(31) Priority Document No :60/458,607
(32) Priority Date :28/03/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/009646
Filing Date :29/03/2004
(87) International Publication No :WO 2004/088283
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :3937/DELNP/2005
Filed on :02/09/2005

(71)Name of Applicant :

1)INGURAN, LLC

Address of Applicant :22575 SOUTH HIGHWAY 6 SOUTH,
NAVASOTA, TEXAS 77868, U.S.A.

(72)Name of Inventor :

1)GARY DURACK

2)JEREMY T. HATCHER

3)LON A. WESTFALL

4)DAVID R. HELBLING

5)JEFFREY D. WALLNCE

6)GARY P. VANDRE

7)RADLEY DIDION

8)NIRAJ V. NAYAK

9)MUHAMMAD ANZAR

10)CINDY L. LUDWIG

11)JEFFREY A. GRAHAM

12)KATHLEEN S. CROWLEY

(57) Abstract :

In a flow cytometry system for sorting a mixture of particles including particles having a characteristic A and particles having a characteristic B, said system comprising a fluid delivery system for delivering a fluid containing said particles, a flow cytometry apparatus for receiving said fluid, forming it into a stream and using flow cytometry to classify the particles according to said characteristics, and a sorting system for sorting the particles according to said classification and according to a sorting strategy to provide at least one population containing desired particles, the improvement comprising: a control responsive to information received from the flow cytometry apparatus for controlling the sorting system to vary its sorting strategy or for controlling the fluid delivery system to vary the rate at which fluid is delivered as a function of at least one of the following: (1) the purity of said at least one population with respect to either characteristic A particles or characteristic B particles; and (2) the quantity of characteristic A particles or characteristic B particles in said at least one population relative to the total quantity of characteristic A particles or characteristic B particles in said stream.

No. of Pages : 418 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1588/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :08/03/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : GALENICAL FORMULATIONS OF ALISKIREN AND VALSARTAN

(51) International classification :A61K 31/165
(31) Priority Document No :60/975,901
(32) Priority Date :28/09/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/077416
Filing Date :24/09/2008
(87) International Publication No :WO 2009/045795
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)NOVARTIS AG

Address of Applicant :LICHTSTRASSE 35, CH-4056 BASEL SWITZERLAND.

(72)Name of Inventor :

1)ALTENBURGER RALF

2)BABIOLE SAUNIER MAGGY

3)BARGENDA, NICOLE

4)BOCK MICHAELA ANNA MARIA

5)ADLER SABINE

6)BUSS BRUNO

7)CURDY CATHERINE

8)GHOSH INDRAJIT

9)HIRSCH STEFAN

10)KELLER PATRICE FRANCOIS

11)KOCHHAR CHARU

12)LI SHOUFENG

13)LOGGIA NICOLETTA

14)MATHARU AMOL SINGH

15)TAILLEMITE JULIEN

16)TONG WEI-QIN

17)VIPPAGUNTA SUDHA

18)WEN HONG

19)WOLF MARIE-CHRISTINE

20)LAKSHMAN JAY PARTHIBAN

21)KOWALSKI JAMES

(57) Abstract :

The present invention relates to a pharmaceutical oral fixed dose combination comprising a) a therapeutically effective amount of Aliskiren, or a pharmaceutically acceptable salt thereof, b) a therapeutically effective amount of Valsartan, or a pharmaceutically acceptable salt thereof, wherein the pharmaceutical oral fixed dose combination shows an in vitro dissolution of component a) of 80% or less after 10 minutes and 98% or less after 20 minutes, and a dissolution profile of component b) of 25% or more after 30 minutes, and 40% or more after 60 minutes at pH 4.5.

No. of Pages : 75 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1299/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :22/02/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : ENDOSCOPIC SURGICAL INSTRUMENT□

(51) International classification :a61b
(31) Priority Document No :0813990.9
(32) Priority Date :31/07/2008
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2009/050953
Filing Date :31/07/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SURGICAL INNOVATIONS LIMITED
Address of Applicant :Clayton Wood House 6 Clayton Wood
Bank Leeds Yorkshire LS16 6QZ United kingdom
(72)**Name of Inventor :**
1)MAXWELL Vhairi
2)WHITE Michael
3)McMAHON Michael

(57) Abstract :

A series of integrally formed segments (24) are allowed to move relative to each other by flexure of hinges (26) that are also integrally formed with the sections.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.13/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :04/01/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : ANTICANCER FORMULATION

(51) International classification	:A61K	(71) Name of Applicant :
(31) Priority Document No	:61/292,311	1)NATIONAL DONG HWA UNIVERSITY
(32) Priority Date	:05/01/2010	Address of Applicant :NO. 1, SEC. 2, DA-HSUEH ROAD
(33) Name of priority country	:U.S.A.	SHOUFENG, HUALIEN TAIWAN (R.O.C.)
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)CHIOU, TZYY-WEN
(87) International Publication No	:NA	2)HARN, HORNG-JYH
(61) Patent of Addition to Application Number	:NA	3)LIN, SHINN-ZONG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a pharmaceutical formulation containing z-butylidenephthalide and a polymer, e.g., a polyanhydride. Also disclosed is use of this formulation to treat tumor.

No. of Pages : 18 No. of Claims : 23

(54) Title of the invention : APPARATUS FOR GENERATING ELECTRIC POWER USING WIND ENERGY

(51) International classification

:F03D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

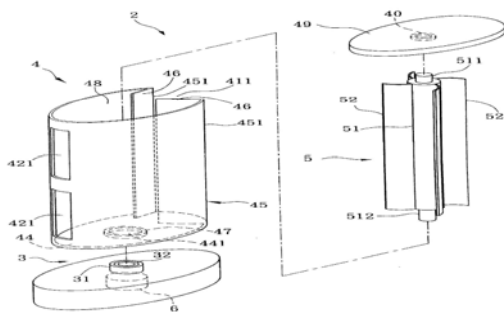
1)CHUN-NENG CHUNGAddress of Applicant :NO. 656, JHONGYUAN LANE,
JHUWEI VILLAGE, NEIPU TOWNSHIP, PINGTUNG
COUNTY, TAIWAN

(72)Name of Inventor :

1)CHUN-NENG CHUNG

(57) Abstract :

An apparatus (2) for generating electric power from wind energy includes: a blade unit (5) having upright blades (52) connected fixedly to an upright rod (51) that has a lower end (521) disposed pivotally in a base (3) such that the blade unit (5) is rotatable relative to the base (3) so as to convert wind energy into a mechanical rotary power output; a generator (6) disposed in the base (3) and coupled to the lower end (512) of the upright rod (51) to convert the mechanical rotary power output into electric power; and a wind-collecting cover (4) mounted pivotally on the base (3) for covering the blade unit (5), rotatable relative to the base (3) and formed with opposite wind inlet and outlet (411, 421) . The wind-collecting cover (4) rotates in response to blowing of wind thereto so that the wind flows into an inner space (48) in the cover (4) via the wind inlet (411) and out of the inner space (48) in the cover (4) via the wind outlet (421) .



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1437/DEL/2008 A

(19) INDIA

(22) Date of filing of Application :16/06/2008

(43) Publication Date : 13/09/2013

(54) Title of the invention : APPARATUS FOR GENERATING ELECTRIC POWER USING WIND ENERGY

(51) International classification

:F03D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)CHUN-NENG CHUNG

Address of Applicant :NO. 656, JHONGYUAN LANE,

JHUWEI VILLAGE, NEIPU TOWNSHIP, PINGTUNG

COUNTY, TAIWAN

(72)Name of Inventor :

1)CHUN-NENG CHUNG

(57) Abstract :

An apparatus (2) includes a blade unit (5) including having upright blades (52) connected fixedly to an upright rod (51) that has a lower end (512) disposed pivotally in a base (3) such that the blade unit (5) is rotatable relative to the base (3) to convert wind energy into a mechanical rotary power output, and coupled to a generator (6) in the base (3) to convert the mechanical rotary power output into electric power. Each blade (52) has opposite first and second side surfaces (521, 522). The first side surface (521) of each blade (52) faces the second side surface (522) of an adjacent blade (52). A wind-collecting unit (4) includes upright plates (41) fixed on the base (3), angularly equidistant and disposed around the blade unit (5) . Any two adjacent plates (41) define an inwardly converging wind-guiding channel (43) therebetween. The plates (41) are shaped so that wind is guided by the plates to blow onto the first side surfaces (521) of the blades (52) via the wind-guiding channels (43) .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1886/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :14/03/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : HEATING SYSTEM WITH OPTIMIZED RECOVERY OF WASTE WATER HEAT□

(51) International classification :f24h
(31) Priority Document No :08 55980
(32) Priority Date :05/09/2008
(33) Name of priority country :France
(86) International Application No :PCT/FR2009/051679
Filing Date :07/09/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MOURE ALAIN
Address of Applicant :54 Bd Aristide Briand Escalier D
77000 MELUN FRANCE.
(72)**Name of Inventor :**
1)MOURE ALAIN

(57) Abstract :

The invention relates to a heating system with recovery of waste water heat that includes a heat pump, a waste water holding vat (10) that includes a casing (34), defining an internal space (36) for holding the waste water, and a heat exchanger (26, 28) for recovering calories in the holding vat (10) and using them in the heat pump. The holding vat (10) includes at least one baffle (44) that extends into the holding space (36), divides the holding vat (10) into a plurality of compartments (46), and defines, with the casing (34), a waste water flow path that bypasses the baffle(s) (44) and passes into the compartments (46). The heat exchanger (26, 28) is arranged so as to recover calories in at least two compartments (46).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1066/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/02/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : WIND-DRIVEN ELECTRIC PLANT

(51) International classification	:F03D 1/04
(31) Priority Document No	:2007131487
(32) Priority Date	:20/08/2007
(33) Name of priority country	:Russia
(86) International Application No	:PCT/RU2008/000441
Filing Date	:07/07/2008
(87) International Publication No	:WO 2009/025580
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ARTER TECHNOLOGY LIMITED

Address of Applicant :MANNOR PLACE, ST. PETER PORT, GUERNSEY, GY1 4EW, ENGLAND U.K.

(72)Name of Inventor :

1)OVCHINNIKOV, ALEXANDR IVANOVICH

(57) Abstract :

Concept of invention: a wind-driven electric plant comprises an inlet shell shaped as a circle and a circular outer shell with the cross section of its inside surface of a round form Inside the circular shell, provision is made of a coaxially arranged turbine. Kinematically coupled with the turbine is a mechanism for the conversion of mechanical energy. At least a portion of the outer shell is ellipsoidal in cross section. The major axis of an ellipse defining the cross section of the outside surface of the inlet shell at an inlet of the latter is not less than 0.55 and not more than 0.95 of the dia. of a circle defining the inside surface of the outer shell in its minimum section. 3 claims, dependent, 3 ill,

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.18/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :04/01/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : NANOVECTOR WITH POSITIVE CHARGE SUBSTANTIVE FOR HAIR AND SKIN

(51) International classification	:A61K
(31) Priority Document No	:P
	20100100026
(32) Priority Date	:07/01/2010
(33) Name of priority country	:Argentina
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)LO RIGGIO, VICTOR PASCUAL
Address of Applicant :RAMON FALCON 2556 - (1754) SAN
JUSTO - PCIA. DE BS. AS. - Argentina
(72)**Name of Inventor :**
1)LO RIGGIO, VICTOR PASCUAL

(57) Abstract :

To be applied directly on the skin or hair, or to be added to the preparation of a cosmetic or dermopharmaceutical compositions in order to enhance the properties of said products; comprising empty particles dispersed in a water-based medium of the range of the nanometers; those particles have mainly the following components: a phospholipids membrane of any order and composition, and one or more quaternary polymers that provide it with a superficial positive charge, both components may be found in any concentration combination.

No. of Pages : 39 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.211/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :03/02/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : A METHOD OF MANUFACTURING A FLEXIBLE FILM OR MULTILAYER LAMINATED FILM TUBE

(51) International classification	:B29D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GUPTA Arvind
(32) Priority Date	:NA	Address of Applicant :C-21 & 22 Sector 57 Noida - 201301
(33) Name of priority country	:NA	Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GUPTA Arvind
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Described herein is a method of manufacturing a flexible packaging tube or the like from a flexible film/ laminate provided with hot foil stamping. The method includes adjoining opposite edges of the flexible film/ laminate to each other, and providing at least one strip on the adjoining edges of the flexible film/ laminate. The flexible packaging tubes of the present subject matter are made from single layer or co-extruded film or multi layer laminate printed or unprinted, are hot foil stamped / printed with or without Hologram. The hot foil stamping / printing on the web is registered or un-registered with respect to pre-printed text, images or holograms.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2643/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : WIND TURBINE GENERATOR AND METHOD OF CONTROLLING THE SAME

(51) International classification :G05D

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2010/051798

Filing Date :10/02/2010

(87) International Publication No :NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MITSUBISHI HEAVY INDUSTRIES, LTD.

Address of Applicant :16-5, KONAN 2-CHOME, MINATO-KU, TOKYO 1088215, Japan

(72)Name of Inventor :

1)TOHRU MINAMI

2)TETSUO TAKEBE

(57) Abstract :

The present invention provides a wind turbine generator and a method of controlling the same which can prevent the decline in power generation efficiency even when the generator is located where the wind is not always strong. The wind turbine generator 1 mainly includes an anemometer 5, an anemoscope 7, a nacelle swiveling mechanism 20 which turns a nacelle 4, and a control unit 40 which controls the nacelle swiveling mechanism 20. The control unit 40 controls the nacelle swiveling mechanism 20 so as to swivel the nacelle 4 based on the wind direction obtained from the measurement result of the anemoscope 7 when the wind speed obtained from the measurement result of the anemometer 5 is greater than a first threshold V_{th1} which is smaller than a cut-in wind speed V_{cut_in} , and controls the nacelle swiveling mechanism 20 so as to stop the swiveling of the nacelle 4 when the wind speed obtained from the measurement result of the anemometer 5 is not greater than a first threshold V_{th1} .

No. of Pages : 35 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1161/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/02/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : ENERGY SUPPLY FOR FLUID DISPENSING DEVICE

(51) International classification :A61M
(31) Priority Document No :60/961,528
(32) Priority Date :20/07/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2008/000999
Filing Date :20/07/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)MEDINGO LTD.

Address of Applicant :Yoqneam Industrial Park Building 7
P.O. Box 261 20692 Yoqneam Illit Israel

(72)Name of Inventor :

1)YODFAT Ofer

2)NETA Avraham

3)KERET Avihoo P.

(57) Abstract :

Disclosed is a portable fluid dispensing device for infusing a fluid into the body of a user and/or for sensing an analyte within the body. The device includes at least one housing to retain a source of energy to energize the device, the source of energy comprising at least one electrochemical cell to produce electrical energy upon exposure of the cell to air, and a seal to prevent exposure of the at least one cell to air when the source of energy is not in use and to enable exposure of the at least one cell to air prior to energizing the device with the source of energy. The at least one housing includes an opening to provide access to the seal to enable actuation of the seal to control exposure of the at least one cell to air.

No. of Pages : 40 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1549/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :06/03/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : FINANCIAL DECISION SYSTEMS

(51) International classification	:G06Q
(31) Priority Document No	:60/954,978
(32) Priority Date	:09/08/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/072830
Filing Date	:11/08/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Pankaj B. DALAL

Address of Applicant :115-01 Sutter Ave. South Ozone Park
United States of America

(72)Name of Inventor :

1)Pankaj B. DALAL

(57) Abstract :

The financial decision system provides for real-time calculation or buying pressure and selling pressure for any tradable instrument market. Additionally, it provides real-time visual simultaneous plots and charts of buying pressure and selling pressure. Further, the system automatically presents buy and sell indicators and expert commentary based on automatically detected market trend changes. The system automatically analyzes market trends and changes in multiple timeframes simultaneously to identify, in real time, multiple confirmations of suggested trading actions, such as buying or selling. The system also encompasses training materials and methods necessary for teaching concepts and methods of usage to improve the likelihood of success for new users.

No. of Pages : 158 No. of Claims : 25

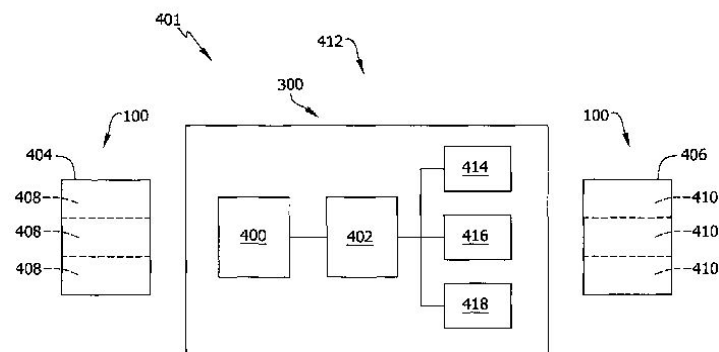
(54) Title of the invention : CONVERSION SYSTEM AND METHOD FOR USE IN UPGRADING A MONITORING SYSTEM

(51) International classification	:F23G	(71)Name of Applicant :
(31) Priority Document No	:12/885,992	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:20/09/2010	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345 UNITED STATES OF AMERICA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)COHEN MITCHELL DEAN
(87) International Publication No	:NA	2)WILSON RONALD
(61) Patent of Addition to Application Number	:NA	3)TRAN HAN
Filing Date	:NA	4)OGLES CHARLES
(62) Divisional to Application Number	:NA	5)BOYER LANDON
Filing Date	:NA	

(57) Abstract :

A conversion system (300) for use with a first monitoring system (404) is provided. The conversion system includes an interface module (400) for receiving a plurality of hardware configuration settings associated with the first monitoring system, wherein the plurality of hardware configuration settings are established to enable the first monitoring system to monitor the operation of a first machine, and a conversion module (402) coupled to the interface module for converting the plurality of hardware configuration settings into a plurality of software configuration settings for use in a second monitoring system (406), wherein the plurality of software configuration settings are established to enable the second monitoring system to monitor the operation of at least one of the first machine and a second machine.

FIG. 4



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

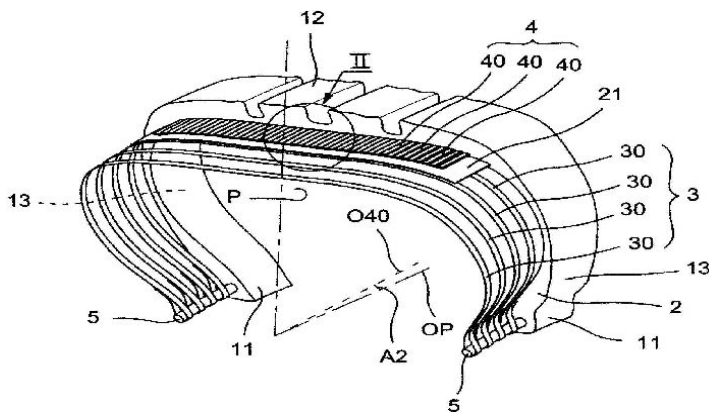
(54) Title of the invention : TYRE USING A REINFORCING STRUCTURE WITH FIBRES OF FLATTENED CROSS SECTION

(51) International classification :B60C
 (31) Priority Document No :0707030
 (32) Priority Date :05/10/2007
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2008/001105
 Filing Date :24/07/2008
 (87) International Publication No :WO 2009/044014
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)SOCIETE DE TECHNOLOGIE MICHELIN
 Address of Applicant :23 RUE BRESCHET, 63000
 CLERMONT-FERRAND, FRANCE.
2)MICHELIN RECHERCHE ET TECHNIQUE S.A.
 (72)Name of Inventor :
1)MICHEL DEAL

(57) Abstract :

In the names of: 1) Societe de Technologie Michelin - 2) Michelin Recherche et Technique S.A. The invention relates to a tyre comprising an airtight rubber cover (2) and a reinforcing structure essentially formed of a plurality of fibres (30, 40) embedded in the rubber and arranged in layers, this reinforcing structure comprising at least one carcass layer (3) and one crown layer (4). According to the invention, the fibres (30) and (40) of these layers (3, 4) are connected together and oriented, with respect to the median plane (P) of the tyre, at respective angles of the order of 90 degrees and 0 degrees, each of these fibres (30, 40) also having a connected cross section of flattened shape.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1064/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/02/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : WIND-DRIVEN ELECTRIC PLANT

(51) International classification	:F03D 1/04
(31) Priority Document No	:2007131488
(32) Priority Date	:20/08/2007
(33) Name of priority country	:Russia
(86) International Application No	:PCT/RU2008/000439
Filing Date	:07/07/2008
(87) International Publication No	:WO 2009/031926
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ARTER TECHNOLOGY LIMITED

Address of Applicant :MANNOR PLACE, ST. PETER PORT, GUERNSEY, GY1 4EW, ENGLAND U.K.

(72)Name of Inventor :

1)OVCHINNIKOV, ALEXANDR IVANOVICH

(57) Abstract :

Description of invention Abstract (54) Wind-driven electric plant. (57) Concept of the invention: a wind-driven electric plant comprises an annular inlet shell and an annular outer shell with the cross-section of its inside surface being shaped as a circle. The annular shell accommodates a turbine in a coaxial relation thereof. Kinematically coupled with the turbine is a mechanism for converting mechanical energy. At least a portion of an outside surface of the inlet shell is shaped in cross section as a regular polygon. A radius of the regular polygon defining the cross section of the outside surface of the inlet shell at an inlet of the latter is not less than 0.55 and not more than 0.95 of a circumradius defining the cross section of the inside surface of the outer shell in a minimum section thereof. 4 claims, dependent; 4 ill. iff)

No. of Pages : 13 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1065/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/02/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : WIND-DRIVEN ELECTRIC PLANT

(51) International classification	:F03D 1/04
(31) Priority Document No	:2007131486
(32) Priority Date	:20/08/2007
(33) Name of priority country	:Russia
(86) International Application No	:PCT/RU2008/000440
Filing Date	:07/07/2008
(87) International Publication No	:WO 2009/031927
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ARTER TECHNOLOGY LIMITED

Address of Applicant :MANNOR PLACE, ST. PETER PORT, GUERNSEY, GY1 4EW, ENGLAND U.K.

(72)Name of Inventor :

1)OVCHINNIKOV, ALEXANDR IVANOVICH

(57) Abstract :

Concept of invention: a wind-driven electric plant comprises an inlet shell Shaped as a circle and a circular outer shell. Inside the circular shell, provision is made of a coaxially arranged turbine. Kinematically coupled with the turbine is a mechanism for the conversion of mechanical energy. The outer shell is eccentrically mounted relative to the inlet shell. A value of eccentricity is not less than 0.01 and not more than 0.24 of the dia. of a circle defining the inside surface of the outer shell in its minimal cross section. 5 claims,dependent; 4 ill.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.21/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :05/01/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : POSITION DETECTING DEVICE AND METHOD

(51) International classification

:H04N

(31) Priority Document No

:2010-
015244

(32) Priority Date

:27/01/2010

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)WACOM CO., LTD.

Address of Applicant :2-510-1 TOYONODAI, KAZO-SHI,
SAITAMA 349-1148, Japan

(72)Name of Inventor :

1)KIYOKAZU SAKAI

(57) Abstract :

A position detecting device includes: a transmitting conductor group formed of a plurality of conductors arranged in a first direction; a receiving conductor group formed of a plurality of conductors arranged in a second direction intersecting the first direction; a signal detecting circuit configured to detect a signal occurring in at least one of the transmitting conductor group and the receiving conductor group on a basis of position indication by an indicating object; a transmitting conductor selecting circuit; and a receiving conductor selecting circuit. Each of the transmitting conductor group and the receiving conductor group is sectioned into at least a first conductor group and a second conductor group adjacent to each other. Conductors are selected such that a direction of selecting each of the conductors forming the first conductor group and a direction of selecting each of the conductors forming the second conductor group are different from each other.

No. of Pages : 49 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.268/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :08/02/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : AGARWAL 3 HOLE UNIDIRECTIONAL BONE DISTRACTOR
AGARWAL 3 HOLE UNIDIRECTIONAL BONE DISTRACTOR

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Rajiv Agarwal
(32) Priority Date	:NA	Address of Applicant :A-15 Nirala Nagar Lucknow Uttar
(33) Name of priority country	:NA	Pradesh India
(86) International Application No	:NA	2)Sanjeev Agarwal
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Rajiv Agarwal
(61) Patent of Addition to Application Number	:NA	2)Sanjeev Agarwal
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A bone distractor comprising of a pair of pin holding clamps, one fixed and one movable along a threaded distraction rod. The movable clamp moves along the distraction rod with the help of a nut which engages into the threads of the rod and also in the clamp. Both the pin holding clamps have three holes placed in a triangular arrangement with each hole having internal threads for use in tightening the pins by headless screws. The triangular orientation of the pin holes in the clamp allows the distractor to be placed for bone distraction in those situations where the bone is asymmetrical in thickness, shape and contour on either side of the osteotomy. The additional third hole allows a more secure fixation of the distractor over the underlying bone. This invention is particularly useful not only for craniofacial distraction but also for distraction of fingers and toes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1297/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :22/02/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : GLYPHOSATE APPLICATIONS IN AQUACULTURE □

(51) International classification :a01n
(31) Priority Document No :12/220,688
(32) Priority Date :24/07/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/004296
Filing Date :24/07/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AURORA ALGAE INC
Address of Applicant :1301 Harbor Bay Parkway Alameda
California 94502 United States of America
(72)**Name of Inventor :**
1)VICK Bertrand

(57) Abstract :

Methods for controlling a density of algae growing in an aquatic environment are provided. Exemplary methods include applying an effective amount of glyphosate to a density of algae growing in an aquatic environment. The algae may include genus Nannochloropsis and/or Dunaliella. The algae may also include a glyphosate resistant strain of genus Nannochloropsis. The effective amount may result in an approximate concentration of between 0.1 millimolar to 0.3 millimolar glyphosate in the aquatic environment. Additionally, the aquatic environment may include seawater. The glyphosate may be applied to the aquatic environment before and/or after the aquatic environment is inoculated with algae. Alternative methods include applying an effective amount of glufosinate to a density of algae growing in an aquatic environment.

No. of Pages : 27 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1298/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :22/02/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : PROCESS FOR PREPARING CYCLIC KETONES□

(51) International classification	:c07c
(31) Priority Document No	:08163319.0
(32) Priority Date	:29/08/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/060956
Filing Date	:26/08/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BASF SE

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor :

1)TELES Joaquim Henrique

2)RUPPEL Wilhelm

3)WEGERLE Ulrike

4)MEIER Anton

5)GENGER Thomas

6)SCHELPER Michael

7)RESCH Peter

(57) Abstract :

The present invention relates to a process for preparing at least one monocyclic ketone having 4 to 20 carbon atoms by reacting a mixture G1 comprising at least one monocyclic olefin having 4 to 20 carbon atoms with a mixture G2 comprising at least dinitrogen monoxide, this reaction being carried out adiabatically.

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

(54) Title of the invention : METHOD AND SYSTEM FOR REALIZING NONLOSS TRANSMISSION OF MEDIA STREAM AFTER SWITCHING BETWEEN OPEN CALL AND SECRET CALL

(51) International classification :H04L
 (31) Priority Document No :200710121778.8
 (32) Priority Date :13/09/2007
 (33) Name of priority country :China
 (86) International Application No :PCT/CN2007/003829
 Filing Date :27/12/2007
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)ZTE CORPORATION

Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH,
 HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT,
 SHENZHEN CITY, GUANGDONG PROVINCE 518057,
 P.R.CHINA

(72)Name of Inventor :

1)GUAN, XIANFENG**2)GUO, HAIGANG****3)SHEN, JINGYUE**

(57) Abstract :

A method for implementing lossless transmission of a media stream after switching from a plain-call to a cipher-call, comprises the following steps: after a base station receives a plain-call to cipher-call switch message for switching from a plain-call to a cipher-call from a communication terminal, inserting a special media frame into the media stream and then sending the media stream to a media gateway; the media gateway determining whether to detect the special media frame or not according to incoming and outgoing media bearing modes or media encoding-decoding formats of the media stream, and the media gateway passing through the media stream from the incoming to the outgoing regardless of whether the special media frame is detected or not to be detected. When the special media frame is detected, the media stream is either directly passed through or adapted to 64kbps/56kbps PCM, depending on the encoding-decoding types.

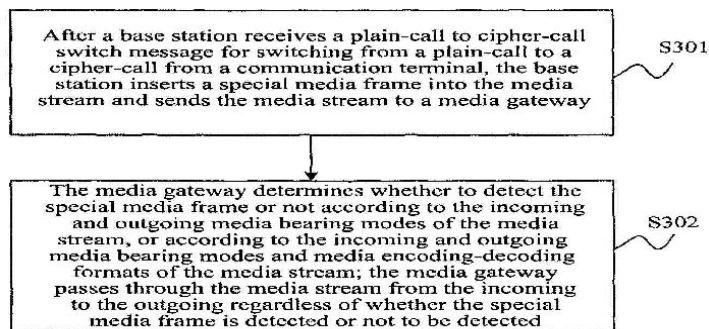


FIG. 3

No. of Pages : 25 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2516/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :12/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : THERMAL EVAPORATION SOURCES FOR WIDE-AREA DEPOSITION

(51) International classification	:C23C
(31) Priority Document No	:60/998,640
(32) Priority Date	:05/10/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/079696
Filing Date	:13/10/2008
(87) International Publication No	:WO 2009/049285
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)UNIVERSITY OF DELAWARE
Address of Applicant :112 HULLIHEN HALL NEWARK,
DELAWARE 19716-1551 UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)BIRKMIRE, ROBERT, W.
2)HANKET, GREGORY, M.

(57) Abstract :

A thermal evaporation source includes: a crucible configured to contain a volume of evaporant and a vapor space above the evaporant; a manifold body having within it a hollow expansion chamber that is flowably connected to the vapor space via one or more restriction orifices; one or more effusion nozzles flowably connected to the expansion chamber and exiting an outer surface of the thermal evaporation source, the nozzle(s) oriented to direct an evaporant vapor flow out of the source vertically downward, in one or more horizontal directions, or in one or more directions intermediate between horizontal and vertically downward; and a heater capable of heating some or all of the thermal evaporation source to a temperature sufficient to produce the one or more evaporant vapor flows when a vacuum is applied to the thermal evaporation source.

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

(54) Title of the invention : A SELECTING DEVICE FOR SELECTING A SERVICE PROVIDER FOR A SERVICE RECEIVED BY MOBILE STATION

(51) International classification :H04M
 (31) Priority Document No :103 29 652.2
 (32) Priority Date :01/07/2003
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2004/051193
 Filing Date :22/06/2004
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :5787/DELNP/2005
 Filed on :12/12/2005

(71)Name of Applicant :
1)SIEMENS AKTIENGESELLSCHAFT
 Address of Applicant :WITTELSBACHERPLATZ 2, 80333, MUNICH, Germany
 (72)Name of Inventor :
1)HANS; MARTIN
2)CHOI; HYUNG-NAM
3)ECKER; MICHAEL

(57) Abstract :

a selecting device (AV) for selecting a service provider (DA1, DA2, DA3) for a service (D) that can be received by a mobile station (UE) via a radio access network of a radio communication system (WLAN) and is provided by at least two service provider via the radio access network of the radio communication system, characterized by, means for receiving (SE) a request (AUFUE) sent by the mobile station (UE) via a radio interface of the radio access network to select a service provider (DA1, DA2, DA3) means (SE, P) for requesting (AUF1) the service providers (DA1, DA2, DAS) each to indicate a value (W1, W2, W3) of a selection parameter (PAR), and means for selecting (P) one of the service providers (DA1) for the service (D) as a function of the indicated value (W1, W2 & W3) of the selection parameter.

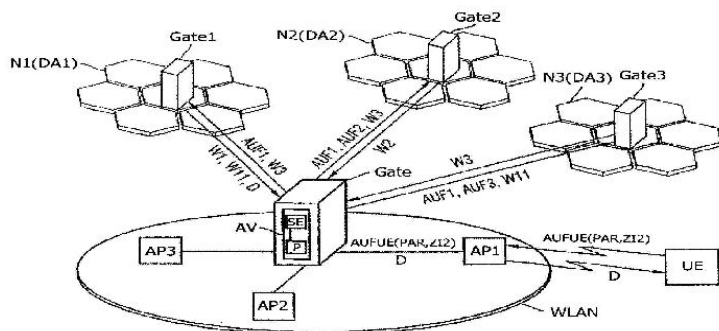


FIG.1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1892/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :14/03/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : IMPLANTED SOFT PALATE SUPPORT AND IMPLEMENTATION METHOD □

(51) International classification :f24h
(31) Priority Document No :200810198139.6
(32) Priority Date :29/08/2008
(33) Name of priority country :China
(86) International Application No :PCT/CN2009/072328
Filing Date :18/06/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ZHANG XIANGMIN
Address of Applicant :A601 Guangzhou International
Business Incubator Guangzhou Science Park Guangzhou
510663 China
2)ZHOU Xing
(72)Name of Inventor :
1)ZHANG XIANGMIN
2)ZHOU Xing

(57) Abstract :

The invention relates to a heating system with recovery of waste water heat that includes a heat pump, a waste water holding vat (10) that includes a casing (34), defining an internal space (36) for holding the waste water, and a heat exchanger (26, 28) for recovering calories in the holding vat (10) and using them in the heat pump. The holding vat (10) includes at least one baffle (44) that extends into the holding space (36), divides the holding vat (10) into a plurality of compartments (46), and defines, with the casing (34), a waste water flow path that bypasses the baffle(s) (44) and passes into the compartments (46). The heat exchanger (26, 28) is arranged so as to recover calories in at least two compartments (46).

No. of Pages : 57 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2248/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :31/03/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PREPARING BONE FOR A PROSTHETIC DEVICE

(51) International classification :A61F 2/36
(31) Priority Document No :60/976,717
(32) Priority Date :01/10/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/078470
Filing Date :01/10/2008
(87) International Publication No :WO 2009/046121
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SMITH & NEPHEW, INC.
Address of Applicant :1450 BROOKS ROAD, MEMPHIS,
TENNESSEE 38116, U.S.A.
(72)**Name of Inventor :**
1)ALISHA BERGIN
2)JERRY JONES
3)RICHARD LAMBERT

(57) Abstract :

A system (10) for preparing a long bone for a prosthetic, the long bone having a long axis comprises a distal instrument (12) and a proximal instrument (14). The distal instrument (12) is configured to remove bone from a distal portion of bone. The distal instrument (12) has a bone removing portion (16) configured to remove bone along the long axis of the long bone and a shaft (18) extending from the bone removing portion (16) along the long axis of the long bone. The proximal instrument (14) is configured to overlies the shaft (18) of the distal element (12) within the long bone. The distal shaft (18) guides the proximal instrument (14) to prepare the proximal portion of the long bone after the distal instrument (12) has prepared the distal portion of the long bone.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.2249/DELNP/2010 A

(43) Publication Date : 13/09/2013

(54) Title of the invention : TRIAZOLOPYRIDINE 11-BETA HYDROXYSTEROID DEHYDROGENASE TYPE 1 INHIBITORS

(51) International classification :C07D 471/04
(31) Priority Document No :60/976,506
(32) Priority Date :01/10/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/076984
Filing Date :19/09/2008
(87) International Publication No :WO 2009/045753
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)BRISTOL-MYERS SQUIBB COMPANY,

Address of Applicant :ROUTE 206 AND PROVINCE LINE
ROAD, PRINCETON, NEW JERSEY 08543-4000, UNITED
STATES OF AMERICA

(72)Name of Inventor :

1)JUN LI

2)JEFFREY A. ROBL

3)JAMES J. LI

4)LAWRENCE J. KENNEDY

5)HAIXIA WANG

6)JIE JACK LI

7)XINHUA QIAN

8)RAJENDRA P. DESHPANDE

9)LAXMA R. KOLLA

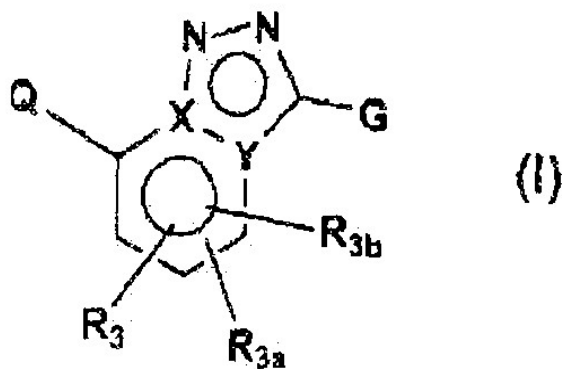
10)REGINALD O. CANN

11)CHENKOU WEI

12)MICHAEL GALELLA

(57) Abstract :

Novel compounds are provided which are 11-beta-hydroxysteroid dehydrogenase type I inhibitors, 11-beta-hydroxysteroid dehydrogenase type I inhibitors are useful in treating, preventing, or slowing the progression of diseases requiring 11 -beta-hydroxysteroid dehydrogenase type I inhibitor therapy. These novel compounds of formula I: or stereoisomers or pharma-centically acceptable salts thereof, wherein G, Q, X, Y, R₃, R_{3a}, and R_{3b} are defined herein.



No. of Pages : 170 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2517/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :02/09/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : LIQUID SUPPLY DEVICE AND LIQUID JETTING SYSTEM

(51) International classification	:F03G
(31) Priority Document No	:2010-197311
(32) Priority Date	:03/09/2010
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SEIKO EPSON CORPORATION
Address of Applicant :4 - 1, NISHISHINJUKU 2 - CHOME,
SHINJUKU - KU, TOKYO, 163 - 0811 Japan
(72)**Name of Inventor :**
1)TAKU ISHIZAWA
2)YOSHIAKI SHIMIZU

(57) Abstract :

A liquid supply device 10 is equipped with a liquid containing chamber 16, a transport tube 15 for sending the liquid inside the chamber 16 to a liquid jetting device 20, first and second members 171 and 172 sandwiching the tube 15, and a cam 173 that determines the position of the first member 171 relative to the second member 172. The tube 15 is equipped with an elastic portion 151 that elastically deforms and is flattened. In the first rotation position, the cam 173 arranges the first member 171 such that there is a space that allows the liquid to flow inside the part 151 between the first and second members 171, 172. In the second rotation position, the cam 173 arranges the first member 171 such that the elastic portion 151 is flattened by the first and second members 171, 172, and the liquid inside cannot flow.

No. of Pages : 50 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2970/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :28/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : ASPHALT MODIFIERS FOR WARM MIX APPLICATIONS INCLUDING ADHESION PROMOTER

(51) International classification	:C08K
(31) Priority Document No	:60/987,929
(32) Priority Date	:14/11/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2008/065281
Filing Date	:11/11/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AKZO NOBEL N.V.
Address of Applicant :Velperweg 76 NL-6824 BM Arnhem
The Netherlands
(72)**Name of Inventor :**
1)NAIDOO Premnathan
2)LOGARAJ Sundaram
3)JAMES Alan Duncan

(57) Abstract :

The present invention generally relates to an additive package for warm-mix asphalt formulations for the pavement of road surfaces, said additive package comprising a) surfactant component, and b) an asphalt rheology modifying component, wherein said asphalt rheology modifying component comprises at least one of a i) a wax component and ii) a resin component. The invention also relates to a warm mix asphalt having improved compaction at lower temperatures, and to a pavement made from said warm mix asphalt.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2653/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : GEAR BOX FOR WIND TURBINE GENERATOR AND WIND TURBINE GENERATOR

(51) International classification :F16H

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2010/052094

Filing Date :12/02/2010

(87) International Publication No :NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MITSUBISHI HEAVY INDUSTRIES, LTD.

Address of Applicant :16-5, KONAN 2-CHOME, MINATO-KU, TOKYO 1088215, Japan

(72)Name of Inventor :

1)KEITA NAKASHIMA

2)KAORU IWASAKI

3)TAKAFUMI YOSHIDA

4)HIROAKI TAKEUCHI

5)KATSUHIKO SHODA

(57) Abstract :

The present invention provides a gear box for a wind turbine generator which can reduce damage by flaking even when a self-aligning roller bearing is adopted as a planet bearing and a wind turbine generator. The gear box 14 comprises a casing 40; a carrier 52; a plurality of planet pins 54 supported to the carrier 52; self-aligning roller bearings 56 held on the planet pins 54, respectively; the planet gears 58 supported to the planet pins 54 via the self-aligning roller bearing 56, respectively; and a ring gear 60 and a sun gear 62 meshed with the planet gears 58. The planet gears 58 are fixed to the outer race 56B of the self-aligning bearing 56 with an interference fit, respectively, so that each end surface of the outer race 56B of the self-aligning bearing 56 is positioned inner side to an end surface of each planet gears 58.

No. of Pages : 35 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2945/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :28/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : 3-(4-HETEROARYLCYCLOHEXYLAMINO) CYCLOPENTANECARBOXYAMIDES AS MODULATORS OF CHEMOKINE RECEPTORS

(51) International classification	:A61K
(31) Priority Document No	:60/569,947
(32) Priority Date	:11/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/016318
Filing Date	:10/05/2005
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:5935/DELNP/2006
Filed on	:12/10/2006

(71)Name of Applicant :

1)INCYTE CORPORATION

Address of Applicant :EXPERIMENTAL STATION,
BUILDING 336, ROUTE 141 AND HENRY CLAY ROAD,
WILMINGTON, DELAWARE 19880, UNITED STATES OF
AMERICA

(72)Name of Inventor :

1)CHU-BIAO XUE

2)CHANGSHENG ZHENG

3)GANFENG CAO

4)HAO FENG

5)MICHAEL XIA

6)RAJAN ANAND

7)JOSEPH GLENN

8)BRIAN METCALF

(57) Abstract :

The present invention is directed to compound of Formula (I) which are modulators of chemokine receptors. The compounds of the invention, and compositions thereof, are useful in the treatment of diseases relates to chemokine receptor expression and/or activity.

No. of Pages : 71 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4435/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/06/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : POLYPROPYLENE COMPOSITION COMPRISING A CROSS-LINKABLE DISPERSED PHASE COMPRISING SILANOL GROUPS CONTAINING NANOFILLERS

(51) International classification :C08B
(31) Priority Document No :07024963.6
(32) Priority Date :21/12/2007
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2008/010443
Filing Date :09/12/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BOREALIS TECHNOLOGY OY
Address of Applicant :P.O. Box 330 FI-06101 Porvoo
Finland
(72)Name of Inventor :
1)GAHLEITNER Markus
2)PHAM Tung
3)MACHL Doris
4)ANDREASSON Urban
5)CARLSSON Roger

(57) Abstract :

The present invention relates to a polypropylene composition comprising - a matrix phase comprising a polypropylene homo- or copolymer (A); and - a phase dispersed in said matrix phase comprising an olefin homo- or copolymer (B) having hydrolysable silicon-containing groups, and an inorganic filler material (C) containing on its surface silanol groups or precursors thereof, and having a specific surface BET of 30 to 300 m²/g, determined according to ISO 9277:1995,

No. of Pages : 32 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4436/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/06/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : PROCESS FOR COATING A PIPE WITH HIGH THROUGHPUT USING MULTIMODAL ETHYLENE COPOLYMER, AND COATED PIPES OBTAINED THEREOF

(51) International classification :C08B
(31) Priority Document No :07024739.0
(32) Priority Date :20/12/2007
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2008/010442
Filing Date :09/12/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BOREALIS TECHNOLOGY OY
Address of Applicant :P.O. Box 330 FI-06101 Porvoo
Finland
(72)Name of Inventor :
1)ANKER Martin
2)FREDRIKSEN Siw Bodil
3)BENTZROD Pal Christian
4)B,,CKMAN Mats
5)LEIDEN Leif
6)VAHTERI Markku
7)REKONEN Petri

(57) Abstract :

The present invention deals with coated pipes having a layer of multimodal polyethylene. The multimodal ethylene copolymer is a copolymer of ethylene with one or more alpha-olefin comonomers having from 4 to 10 carbon atoms and has a weight average molecular weight of from 70000 g/mol to 250000 g/mol, the ratio of the weight average molecular weight to the number average molecular weight, Mw/Mn, of from 15 to 50, a melt index MFR2 of from 0.05 g/10 min to 5 g/10 min, a melt index MFR5 of from 0.5 to 10 g/10 min and a density of from 930 kg/m3 to 955 kg/m3.

No. of Pages : 32 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4437/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/06/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : CASTING ROLL OF TWIN ROLL TYPE STRIP CASTER AND SURFACE TREATMENT METHOD THEREOF

(51) International classification	:B22D
(31) Priority Document No	:10-2007-0135231
(32) Priority Date	:21/12/2007
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2008/004123
Filing Date	:14/07/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)POSCO

Address of Applicant :#1 Goedong-dong Nam-gu Pohang-si
Gyeongsangbuk-do 790-300 Republic of Korea

(72)Name of Inventor :

1)JEONG Seong-In

2)PARK Sung-Jin

3)LEE Dae-Sung

(57) Abstract :

The present invention provides a casting roll of a twin-roll strip caster, including: a nickel plating layer formed on an outer circumferential surface and an end surface of the casting roll; a nickel-boron alloy plating layer formed on the nickel plating layer located on the end surface of the casting roll; and a hard plating layer formed on the nickel plating layer located on the outer circumferential surface of the casting roll and an outer circumferential surface of the nickel-boron alloy plating layer located on the end surface of the casting roll. The present invention improves durability of the casting roll.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1062/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/02/2010

(43) Publication Date : 13/09/2013

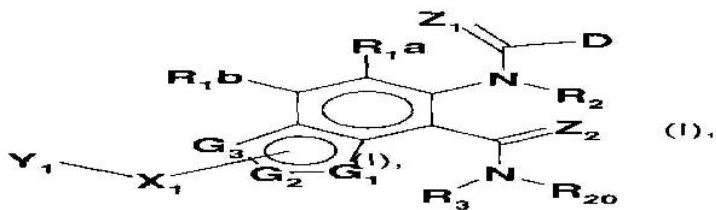
(54) Title of the invention : CONDENSED ANTHRAN I LAMI DE DERIVATIVES AS INSECTISIDES

(51) International classification :C07D 401/14
(31) Priority Document No :0716414.8
(32) Priority Date :22/08/2007
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2008/006868
Filing Date :21/08/2008
(87) International Publication No :WO 2009/024341
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SYNGENTA PARTICIPATIONS AG
Address of Applicant :SCHWARZWALDALLEE 215, CH-4058 BASEL SWITZERLAND.
(72)Name of Inventor :
1)LOISELEUR OLIVIER
2)HALL ROGER GRAHAM
3)STOLLER ANDRE DENIS
4)GRAIG GERALD WAYNE
5)JEANGUENAT ANDRE
6)EDMUNDS ANDREW

(57) Abstract :

wherein the substituents are as defined in claim 1, and the agrochemically acceptable salts and all stereoisomers and tautomeric forms of the compounds of formula I can be used as agrochemical active ingredients and can be prepared in a manner known per se.



No. of Pages : 182 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1063/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/02/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : VASCULAR TISSUE PREFERRED PROMOTORS

(51) International classification	:C12N
(31) Priority Document No	:60/305,362
(32) Priority Date	:13/07/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US02/22773
Filing Date	:15/07/2002
(87) International Publication No	:WO 03/006651
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:91/DELNP/2004
Filed on	:13/01/2004

(71)Name of Applicant :

1)PIONEER HI-BRED INTERNATIONAL INC.,

Address of Applicant :800 CAPITAL SQUARE, 400
LOCUST STREET, DES MOINES, IOWA 50309, UNITED
STATES OF AMERICA

(72)Name of Inventor :

1)SHANE EVAN ABBITT,

2)CHUN PING LI,

3)XIAOMU NIU,

(57) Abstract :

A method for expressing a heterologous nucleotide sequence in a plant, said method comprising stably integrating into a plant cell a heterologous nucleotide sequence of interest operably linked to a promoter, wherein the promoter comprises a nucleotide sequence selected from the group consisting of: a) a nucleotide sequence comprising the sequence set forth in SEQ ID NO.:1 or SEQ ID NO.:2; b) a nucleotide sequence comprising at least 100 contiguous nucleotides of the sequence set forth in SEQ ID NO.:1 or SEQ ID NO.:2; c) a nucleotide sequence comprising a sequence having at least 70% identity to the sequence set forth in SEQ ID NO.:1 or SEQ ID NO.:2 or a fragment thereof, wherein said sequence regulates transcription; and, d) a nucleotide sequence that hybridizes under stringent conditions to sequence of a), b), c), or a complement thereof.

No. of Pages : 67 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2037/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/03/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : LEAD-FREE, FREE-MACHINING BRASS HAVING EXCELLENT CASTABILITY□

(51) International classification	:B22C
(31) Priority Document No	:2007-264490
(32) Priority Date	:10/10/2007
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2008/067853
Filing Date	:01/10/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TOTO LTD.

Address of Applicant :1-1 Nakashima 2-chome kokura-kita-ku Kitakyushu-shi Fukuoka-ken Japan

(72)Name of Inventor :

1)UCHIDA Toru

(57) Abstract :

There is provided a brass free from lead (Pb) and possessing excellent machinability, castability, mechanical properties and other properties. A brass consisting of not less than 55% by weight and not more than 75% by weight of copper (Cu), not less than 0.3% by weight and not more than 4.0% by weight of bismuth (Bi), and y% by weight of boron (B) and x% by weight of silicon (Si), y and x satisfying the following requirements: $0 < x < 2.0$, $0 < y < 0.3$, and $y > -0.15x - 0.015a$, 10 wherein a is 0.2 when Bi is 0.3% by weight Bi 0.75% by weight; 0.85 when Bi is 0.75% by weight Bi 1.5% by weight; and 1 when Bi is 1.5%

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2933/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :27/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : FLUORESCENCE-BASED PIPETTE INSTRUMENT

(51) International classification	:B01L
(31) Priority Document No	:61/004,630
(32) Priority Date	:27/11/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/013003
Filing Date	:21/11/2008
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)E.I. SPECTRA, LLC
Address of Applicant :19622 NE 125TH CT,
WOODINVILLE, WA 98077 (US) U.S.A.
(72)**Name of Inventor :**
1)AYLIFFE, HAROLD, E.
2)KING, CURTIS, S.

(57) Abstract :

An improved pipette tip 276 including an elongate body stretching between a proximal end 277 and a distal end. The body typically includes a plurality of thin film layers (e.g. 154, 156, 102, 158, 202) configured and arranged to provide a fluid path extending from the distal end toward the proximal end 277. The improved pipette tip 276 includes an interrogation zone in which to interrogate fluid flowing along the fluid path. One operable interrogation arrangement, generally 100, includes structure configured to permit detection of radiation resulting from a Stokes-shift. Optionally, a sensor component may include one or more electrode (e.g. 248, 250) that is disposed in the fluid path to contact fluid therein for electrically-based interrogation. A pipette tip 276 may be embodied to: count particles, verify sample integrity (e.g. freedom from bubbles), monitor sample flow rate, and confirm an inspired volume, among other uses.

No. of Pages : 37 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.447/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :02/03/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD AND MRI FOR REFERENCELESS FLOW IMAGING.

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:12/381,349	1)ALLEGHENY-SINGER RESEARCH INSTITUTE
(32) Priority Date	:11/03/2009	Address of Applicant :320 EAST NORTH AVENUE,
(33) Name of priority country	:U.S.A.	PITTSBURGH, PA 15212, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MARK DOYLE
(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 MRI includes a computer. The MRI includes imaging coils in communication with the computer that apply imaging gradients and radiofrequency transition pulses to a moving portion of the patient. The MRI includes detector coils in communication with a computer that obtain a single image component series representing velocity information of the moving portion of the patient in k-space of one cardiac cycle. The MRI includes a memory in communication with the detector coils in the computer which stores the single image component series. The computer forms an image from the single image component series stored in the memory without any comparison of any image component of the series. A method for using an MRI with a patient includes the steps of obtaining a single image component series representing velocity information of a moving portion of the patient in k-space of one cardiac cycle with imaging coils and detector coils of the MRI. There is the step of forming with a computer of the MRI an image from the single image component series stored in a memory without any comparison of any image component of the series.

No. of Pages : 23 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.17/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :04/01/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : TAKE-UP WINDING FACILITIES

(51) International classification	:B65H
(31) Priority Document No	:2010-07122
(32) Priority Date	:15/01/2010
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TMT MACHINERY, INC.
Address of Applicant :6TH FL., OSAKA GREEN BLDG., 2-6-26, KITAHAMA, CHUO-KU, OSAKA-SHI, OSAKA 541-0041 Japan
(72)**Name of Inventor :**
1)HASHIMOTO KINZO
2)SASAGAWA TAKEFUMI

(57) Abstract :

A take-up winding facility in which a plurality of winders are disposed includes a plurality of first winders, and a plurality of second winders. The plurality of first winders and the plurality of second winders each include a roller unit including a godet roller to guide yarns spun from a spinning machine and a forward roller to forward the yarns toward a downstream side of the roller unit, and a package formation unit provided at the downstream side of the roller unit and includes a bobbin holder to which a plurality of bobbins are mounted to form packages by winding the yarns around the bobbins. An axis of the godet roller and an axis of the forward roller are orthogonal to an axis of the bobbin holder. A side of each of the plurality of first winders and each of the plurality of second winders on which a yarn threading operation is performed on the roller unit is defined as a front side, and a side of each of the plurality of first winders and each of the plurality of second winders opposite from the front side is defined as a rear side. The plurality of first winders are respectively paired with the plurality of second winders to form winder groups, each pair of first winder and second winder being provided close to each other with the rear sides facing each other. A pair of the winder groups are disposed with the front sides facing each other and with a common yarn threading operation space secured between the pair of the winder groups. The yarn threading operation space is where the yarn threading operation is performed on the roller unit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2250/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :31/03/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : COMPOSITIONS AND METHODS FOR TREATING IMMUNOLOGICAL AND INFLAMMATORY DISEASES AND DISORDERS

(51) International classification :A61K 31/417
(31) Priority Document No :60/970,416
(32) Priority Date :06/09/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/075320
Filing Date :05/09/2008
(87) International Publication No :WO 2009/032972
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)LEXICON PHARMACEUTICALS, INC.

Address of Applicant :8800 TECHNOLOGY FOREST PLACE, TEH WOODLANDS, TX 77381, U.S.A.

(72)Name of Inventor :

1)ORAVECZ, TAMAS

(57) Abstract :

Methods and compositions for treating immunological and inflammatory diseases and disorders are disclosed. Particular methods and compositions comprise the administration of an agent that inhibits SIP lyase activity and at least one additional immunosuppressive and/or anti-inflammatory agent.

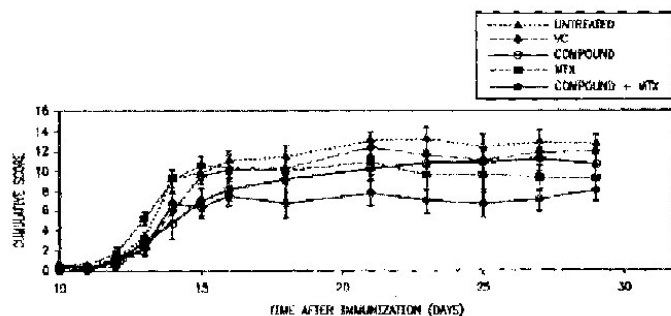


FIG. 1

No. of Pages : 45 No. of Claims : 23

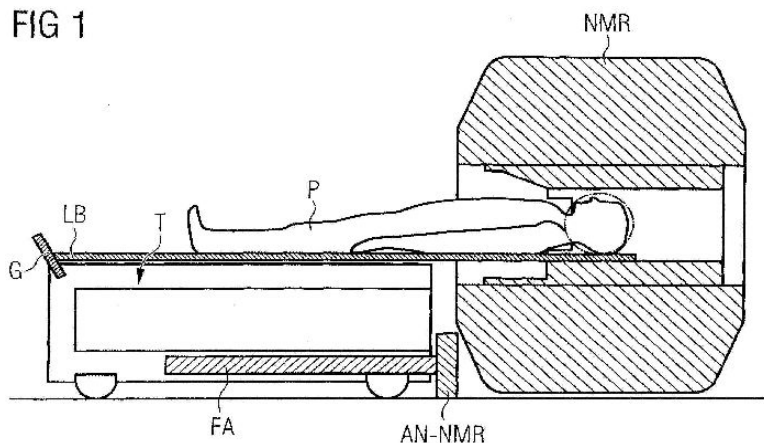
(54) Title of the invention : PATIENT TROLLEY WITH HORIZONTAL TRAVEL PATH FOR DOCKING TO A MEDICAL APPARATUS

(51) International classification	:A61G12/00	(71)Name of Applicant :
(31) Priority Document No	:10 2010	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	005 015.6	Address of Applicant :WITTELSBACHERPLATZ 2, 80333
(33) Name of priority country	:19/01/2010	MUNCHEN, Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)HERBERT WEILER
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a trolley (T) for transporting a patient (P). Said trolley (T) comprises a couch (LB) for the patient (P), together with an extendable and retractable component (FA), as well as a coupling device on the extendable and retractable component (FA) for coupling the trolley (T) to a medical apparatus (NMR). The couch (LB) and the extendable and retractable component (FA) are arranged in such a way that extending or retracting the extendable and retractable component (FA) when the trolley (T) is coupled to the medical apparatus (NMR) causes a relative movement of the couch (LB) to be performed with respect to the medical apparatus (NMR). (Figure 1)

FIG 1



No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4528/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :23/06/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : COATED PIPES HAVING IMPROVED MECHANICAL PROPERTIES AT ELEVATED TEMPERATURES AND A METHOD OF PRODUCTION THEREOF □

(51) International classification	:C08B
(31) Priority Document No	:07024737.4
(32) Priority Date	:20/12/2007
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2008/010483
Filing Date	:10/12/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BOREALIS TECHNOLOGY OY

Address of Applicant :P.O. Box 330 FIN-06101 Porvoo
Finland

(72)Name of Inventor :

1)ANKER Martin

2)FREDRIKSEN Siw Bodil

3)BENTZROD Pal Christian

4)B.,CKMAN Mats

5)LEIDEN Leif

6)VAHTERI Markku

7)REKONEN Petri

(57) Abstract :

The present invention deals with coated pipes having a layer of multimodal polyethylene. The multimodal ethylene copolymer is a copolymer of ethylene with one or more alpha-olefin comonomers having from 4 to 10 carbon atoms and has a weight average molecular weight of from 70000 g/mol to 250000 g/mol and a melt index MFR2 of from 0.05 g/10 min to 5 g/10 min, a melt index MFR5 of from 0.5 to 10 g/10 min and a density of from 945 kg/m³ to 958 kg/m³. The coatings have a high stiffness, good properties at elevated temperatures and acceptable stress-cracking properties.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1072/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/02/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : LUBRICATION OIL COMPOSITIONS

(51) International classification :C10M 107/34

(31) Priority Document No :60/957,725

(32) Priority Date :24/08/2007

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

(86) International Application No :PCT/US2008/073832

Filing Date :21/08/2008

(87) International Publication No :WO 2009/029477

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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

Address of Applicant :1007 MARKET STREET,
WILMINGTON, DELAWARE 19898, U.S.A.

(72)Name of Inventor :

1)PAGE, MATTHEW, ARTHUR

2)SUNKARA, HARI, BABU

3)WIJESEKERA, KANTHI, S.

(57) Abstract :

This invention relates to lubrication oil compositions comprising (i) a base fluid stock comprising (a) a P03G fluid (a polytrimethylene ether glycol that is a fluid at ambient temperature) and (b) a P03G ester fluid (an ester of a polytrimethylene ether glycol that is a fluid at ambient temperature), and (ii) one or more fuel oil additives.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1472/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :01/03/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : NOVEL IMIDAZOLIDINE COMPOUNDS AS ANDROGEN RECEPTOR MODULATORS□

(51) International classification :a61k
(31) Priority Document No :61/191,918
(32) Priority Date :11/09/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2009/061733
Filing Date :10/09/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)GALAPAGOS NV

Address of Applicant :Generaal De Wittelaan L11/A3 B-2800
Mechelen Belgium

(72)Name of Inventor :

1)Francois NIQUE

2)Catherine JAGERSCHMIDT

3)Roland BLANQUE

4)Jean-Michael LEFRANCOIS

5)Christophe PEIXOTO

6)Pierre DEPREZ

7)Nicolas TRIBALLEAU

8)Piet Tom Bert Paul WIGERINCK

9)Florence Sylvie NAMOUR

(57) Abstract :

Novel compounds are disclosed that have a Formula represented by the following: wherein X, R1, R2a, R2b, R2c, R3a R3b, R4a, R4b, R4c, and ml are as described herein. The compounds may be prepared as pharmaceutical compositions, and may be used for the prevention and treatment of a variety of conditions in mammals including humans, including by way of non-limiting example, cachexia, osteoporosis, sarcopenia, a decline in libido and/or sexual dysfunction.

No. of Pages : 91 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2051/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :21/07/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : NANOENCAPSULATED HEXACONAZOLE: A NOVEL FUNGICIDE AND THE PROCESS FOR MAKING THE SAME

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH (ICAR)
(32) Priority Date	:NA	Address of Applicant :INDIAN COUNCIL OF AGRICULTURAL RESEARCH, KRISHI BHAWAN, 1, DR. RAJENDRA PRASAD ROAD, NEW DELHI - 110001 India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)DR. GOPAL MADHUBAN
Filing Date	:NA	2)MR. ROY CHOUDHURY SAMRAT
(87) International Publication No	:NA	3)MRS. INDRANI ROY
(61) Patent of Addition to Application Number	:NA	4)MS. SAHELI PRADHAN
Filing Date	:NA	5)DR. SRIVASTAVA CHITRA
(62) Divisional to Application Number	:NA	6)DR. GOGOI ROBIN
Filing Date	:NA	7)DR. KUMAR RAJESH
		8)DR. GOSWAMI ARUNAVA

(57) Abstract :

A hydrophilic encapsulation complex consisting essentially of nanosized hexaconazole wrapped by a hydrophilic polymer, its process of making and fungitoxic efficacy against fungal pathogens.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2053/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :21/07/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : PIGEONPEA POD STRIPPER

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	(ICAR)
(33) Name of priority country	:NA	Address of Applicant :KRISHI BHAWAN, 1, DR.
(86) International Application No	:NA	RAJENDRA PRASAD ROAD, NEW DELHI - 110001 India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)SINHA, JAGNNATH PRASAD
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present stripper has been designed to mechanize pod separation of pigeonpea with high labour efficiency, timeliness in completion of operation and also economizing the operation. The separated pods can be efficiently threshed by pod thresher with minor adjustment in operational parameters. Combination of spike tooth type and wire loop type elements attains maximum stripping efficiency without damaging the seed and stalk. The optimum rotation speed for stripping cylinder is about 9.6 m/s. The material of spike tooth plays an important role in minimizing mechanical injury to seed during stripping. The nylon spikes embedded with tempered steel is found effective in reducing minor injury to seed as well as exhibited toughness towards bending or breakage of spikes. Overall, the stripper is able to reduce labour requirement by 80 % and reduction in cost of operation by 73 % with 7 percent point enhanced recovery.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4979/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :08/07/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : A METHOD FOR HANDLING AND/OR SERVICING COMPONENTS OF A WIND TURBINE AND A GRIPPING APPARATUS FOR PERFORMING THE METHOD

(51) International classification	:f03d
(31) Priority Document No	:PA 2007 01863
(32) Priority Date	:21/12/2007
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2008/050327
Filing Date	:19/12/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)VESTAS WIND SYSTEMS A/S
Address of Applicant :Alsvej 21 DK-8940 Randers SV
Denmark
(72)**Name of Inventor :**
1)AHLER Claus
2)ROSENGREN Jesper Størke
3)PAUL Hans-Christoph

(57) Abstract :

The Invention relates a method and an apparatus for handling and/or servicing components of a wind turbine, such as installing and/or dismantling components into or from a wind turbine nacelle or such as servicing exterior components such as blades, hub, tower and nacelle of the wind turbine. The gripping apparatus comprising at least one arm for gripping around the wind turbine tower, said at least one arm capable of forming a gap between gripping elements of the gripping apparatus. The at least one arm extends around the entire outer circumference, seen perpendicular to a horizontal plane, of the wind turbine tower.

No. of Pages : 38 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4980/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :08/07/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : MAGNESIUM ALLOY SHEET MATERIAL

(51) International classification :c22c
(31) Priority Document No :2008-014210
(32) Priority Date :24/01/2008
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2009/000110
Filing Date :14/01/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SUMITOMO ELECTRIC INDUSTRIES LTD.
Address of Applicant :5-33 Kitahama 4-chome Chuo-ku
Osaka-shi Osaka 541-0041 Japan
(72)**Name of Inventor :**
1)NUMANO Masatada
2)KAWABE Nozomu
3)OISHI Yukihiro
4)MORI Nobuyuki
5)OKUDA Nobuyuki
6)INOUE Ryuichi

(57) Abstract :

The invention offers a magnesium alloy sheet material having excellent plastic processibility and rigidity and a magnesium alloy formed body having excellent rigidity. The sheet material has magnesium alloy that forms the matrix containing hard particles. The region from the surface of the sheet material to a position away from the surface by 40% of the thickness of the sheet material is defined as the surface region, and the remaining region as the center region. Hard particles existing in the center region have a maximum diameter of more than 20 μm and less than 50 μm ,

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :03/01/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : ROTATABLE FLANGE FOR A WATER MONITOR

(51) International classification	:F16L
(31) Priority Document No	:61/292,010
(32) Priority Date	:04/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AKRON BRASS COMPANY
Address of Applicant :343 VENTURE BLVD., P.O. BOX 86,
WOOSTER, OHIO 44691 US U.S.A.
(72)**Name of Inventor :**
1)ADAM UHLER

(57) Abstract :

A water monitor. A flange assembly has a stationary portion, a rotatable portion disposed in the stationary portion, and a duct extending through the stationary and rotatable portions. A water-driven turbine has a rotatable water wheel in communication with the duct and an output shaft coupled to the water wheel. Fluid flowing through the duct causes the water wheel to rotate, the rotation of the water wheel causing the output shaft to rotate. An output crank, a first linkage, a rocker arm, and a second linkage comprising a first linkage member and a second linkage member are operable by the output shaft to convert the rotating motion of the output shaft to an oscillatory motion. Fluid exiting the duct is distributed by the rotatable portion in a determinable oscillatory pattern.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2179/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :23/03/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : RECYCLING OF FIBRE PRODUCTS□

(51) International classification	:d21c
(31) Priority Document No	:0819051.4
(32) Priority Date	:17/10/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/051237
Filing Date	:23/09/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)STEPHENSON GROUP LIMITED
Address of Applicant :Brook-foot House Low Lane
Horsforth Leeds Yorkshire LS18 5PU United kingdom
(72)**Name of Inventor :**
1)TAYLOR Roy Kenneth

(57) Abstract :

In a method of recycling printed paper, the collector chemical composition used to aid ink removal after pulping of the paper advantageously comprises an aqueous emulsion of a polysiloxane and a delivery aid for the polysiloxane, the delivery aid comprising one of more compounds selected from an alkali metal salt of a fatty acid moiety, and a nitrogenous salt of a fatty acid moiety, and a water-swellaible polymer. The collector chemical composition is effective at low concentration, gives good brightness gain, low level of fibre loss, and effluent water low in siliceous material.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2239/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :31/03/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : THERMAL INACTIVATION OF ROTAVIRUS

(51) International classification :C12N
(31) Priority Document No :60/969,826
(32) Priority Date :04/09/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/075239
Filing Date :04/09/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY DEPARTMENT OF HEALTH AND HUMAN SERVICES CENTERS FOR DISEASE CONTROL AND PREVENTION
Address of Applicant :Technology Transfer Office 4770 Buford Highway MS K79 Atlanta GA 30341 United States of America
(72)Name of Inventor :
1)JIANG Baoming
2)GLASS Roger I.
3)SALUZZO Jean-francois

(57) Abstract :

Methods of thermally inactivating a rotavirus are provided according to the present invention which include exposing the rotavirus to a temperature in the range of about 50oC-80oC, inclusive, for an incubation time sufficient to render the rotavirus incapable of replication or infection. The thermally inactivated rotavirus is antigenic and retains a substantially intact rotavirus particle structure. Vaccine compositions and methods of vaccinating a subject against rotavirus are provided which include generation and use of thermally inactivated rotavirus.

No. of Pages : 38 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3810/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION OF CEFUROXIME AXETIL

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)NECTAR LIFESCIENCES LTD.

Address of Applicant :VILLAGE SAIDPURA TEHSIL
DERABASSI DISTT. MOHALI-140507, PUNJAB, INDIA

(72)Name of Inventor :

1)KORLAPATI VENKATESWARA RAO

2)PATI JAGADISH CHANDRA

3)GUPTA ANKUSH

4)KUMAR ANIL

5)DONDILKAR KISHORE

(57) Abstract :

A taste-masked pharmaceutical composition of cefuroxime axetil comprising complex of cefuroxime axetil with cyclodextrin, and process of preparation thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5103/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :14/07/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : MICRO MOTOR LOCKING SYSTEM□

(51) International classification	:e05b
(31) Priority Document No	:2008/01927
(32) Priority Date	:24/03/2008
(33) Name of priority country	:Turkey
(86) International Application No	:PCT/TR2009/000017
Filing Date	:05/02/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)VEMUS ENDSTRIYEL ELEKTRONIK SANAYI VE
TICARET LIMITED SIRKETI
Address of Applicant :Zeytin Cad. No:14 Nosab 16140 Bursa
Turkey
(72)**Name of Inventor :**
1)MUSTAFA DAYANIKLI
2)VEHBI DAYANIKLI

(57) Abstract :

The invention relates to locking systems to realize locking function in embodiments such as electronic gates, drawers, cabinets, safes and similar things and it consists of linear motion transmission member (3) performing motion on a worm gear (2) to provide linear motion, angular motion transmission member (4) providing angular motion together with linear motion transmission member (3), guiding member (7) pushing, pulling and guiding angular motion transmission member (4) and linear motion transmission member (3) at the same alignment, motion transmission member (6) moving lock bolt (5) up and down, providing locking and unlocking, compressing the angular motion transmission member (4) in reverse direction and thus enabling the motor (1) to complete its cycle.

No. of Pages : 20 No. of Claims : 18

(54) Title of the invention : PHTHALOCYANINES AND THEIR USE IN INK-JET PRINTING

(51) International classification :C07C
 (31) Priority Document No :0815349.6
 (32) Priority Date :22/08/2008
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2009/051005
 Filing Date :12/08/2009
 (87) International Publication No :WO 2010/020802
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

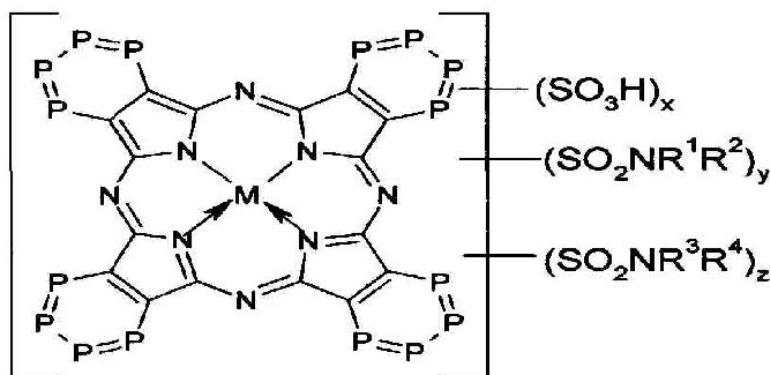
1)FUJIFILM IMAGING COLORANTS LIMITEDAddress of Applicant :P.O. BOX 42, HEXAGON TOWER,
BLACKLEY, MANCHESTER M9 8ZS, UNITED KINGDOM

(72)Name of Inventor :

1)PRAKASH PATEL

(57) Abstract :

A mixture of azaphthalocyanine compounds of Formula (1) and salts thereof: Formula (1) wherein: M is 2H,Cu or Ni; each P is independently CH or N; R¹ is H or optionally substituted C1-4alkyl; R² is H or optionally substituted C1-8alkyl; R³ is H or optionally substituted hydrocarbyl; and R⁴ is optionally substituted hydrocarbyl; or R³ and R⁴ together with the nitrogen atom to which they are attached represent an optionally substituted heterocyclic ring system; x is greater than 0 and less than 4; y is greater than 0 and less than 4; z is greater than 0 and less than 4; the sum of x+y+z is in the range of from 1 to 4 and provided that at least one P is N and that no more than two P groups in any one of the four component rings of the azaphthalocyanine nucleus are N. Also compositions, inks, printing processes, printed materials and ink-jet cartridges.

**Formula (1)**

No. of Pages : 43 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2011

(21) Application No.1339/DELNP/2011 A

(43) Publication Date : 13/09/2013

(54) Title of the invention : PROCESSES FOR GASIFICATION OF A CARBONACEOUS FEEDSTOCK□

(51) International classification :c07c
(31) Priority Document No :61/098,475
(32) Priority Date :19/09/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/057547
Filing Date :18/09/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GREATPOINT ENERGY INC.
Address of Applicant :222 Third Street Suite 2163
Cambridge Massachusetts 02142 United States of America
(72)Name of Inventor :
1)ROBINSON Earl T.
2)LAU Francis S.
3)RAMAN Pattabhi K.
4)VINCENT GILBERT REILING
5)DODSON Dwain
6)RAHMAN Mustafiz
7)NAHAS Nicholas Charles

(57) Abstract :

The present invention relates to processes and continuous processes for preparing gaseous products, and in particular, methane via the catalytic gasification of carbonaceous feedstocks in the presence of steam. In one aspect of the invention, the processes comprise at least partially combusting a first carbonaceous feedstock with an oxygen-rich gas stream in an oxygen-blown gasifier, under suitable temperature and pressure, to generate a first gas stream comprising hydrogen, carbon monoxide and superheated steam; and reacting a second carbonaceous feedstock and the first gas stream in a catalytic gasifier in the presence of a gasification catalyst under suitable temperature and pressure to form a second gas stream comprising a plurality of gaseous products comprising methane, carbon dioxide, hydrogen, carbon monoxide and hydrogen sulfide. The processes can comprise using at.....

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2920/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :27/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : WATER HEATER

(51) International classification :F24H
(31) Priority Document No :200720177804.4
(32) Priority Date :12/10/2007
(33) Name of priority country :China
(86) International Application No :PCT/CN2008/072662
Filing Date :10/10/2008
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)HAIER GROUP CORPORATION
Address of Applicant :HAIER INDUSTRIAL COMPLEX,
NO-1 HAIER ROAD, HI-TECH ZONE, LAOSHAN QINGDAO,
SHANDONG 266101, China
2)WUHAN HAIER WATER HEATER CO., LTD.
(72)Name of Inventor :
1)SUN, JINGYAN
2)ZHAO, XIAOYONG
3)WANG, GUOFANG
4)WANG, RENHUA
5)SUN,QIANG

(57) Abstract :

The present invention provides a water heater, which comprises a storage-type heating unit and an instantaneous heating unit. Wherein, the outlets of the storage-type heating unit and the instantaneous heating unit are connected with the outlet of the water heater; a first flow control unit is provided between the inlet pipe of the water heater and the inlets of the storage-type heating unit and the instantaneous heating unit. By using the water heater of the present invention, the frequent starting up of the water heater can be avoided, and meanwhile the sufficient supply of hot water can be ensured.

No. of Pages : 20 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5172/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :17/07/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : A COMBINATION OUTPUT RECEPTACLE AND PLUGS

(51) International classification :h01r
(31) Priority Document No :2007-331452
(32) Priority Date :25/12/2007
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2008/073475
Filing Date :24/12/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)PANASONIC CORPORATION
Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA, Japan
(72)Name of Inventor :
1)Satoru UENO
2)Yukihiko OKAMURA

(57) Abstract :

The output receptacle (1) includes a first blade reception member (13) adapted to be supplied with a zero voltage and at least two second blade reception members (14) adapted to be supplied with different voltages. The at least two second blade reception members (14) are arranged to be shaped or located differently from each other. Two-pole blades of each of at least two plugs (2) include a first blade (21A) configured to be connected to the first blade reception member (13), and a second blade (21B). The second blades (14) of at least two plugs (2) are shaped or located differently from each other for connection respectively to the second blade reception members (14).

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

(54) Title of the invention : SYSTEMS AND METHODS FOR PARTIAL MATCHING SEARCHES OF ENCRYPTED RETAINED DATA

(51) International classification :G06F 21/24
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/EP2007/060059
 Filing Date :21/09/2007
 (87) International Publication No :WO 2009/036810
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)

Address of Applicant :SE-164 83 STOCKHOLM (SE)

Sweden

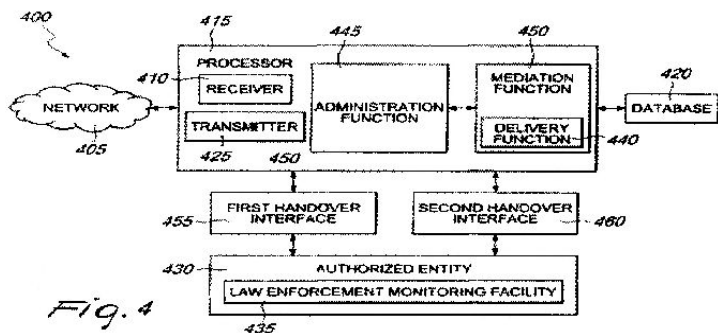
(72)Name of Inventor :

1)LA ROCCA, MAURIZIO

2)IMBIMBO, AMEDEO

(57) Abstract :

Systems and methods are provided for encryption allowing partial matching searches to retrieve data that is retained in a database. A user identification number or other characteristic is stored in unencrypted form such that a wildcard search may be performed to retrieve one or more encrypted indexes associated with the unencrypted user identification. These encrypted indexes are then unencrypted by use of a key to determined their associated unencrypted index and corresponding targeted retained data. The targeted retained data may then be accessed by an authorized entity such as a law enforcement agency.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1074/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/02/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : COMPOUNDING FORMULATIONS FOR PRODUCING ARTICLES FROM GUAYULE NATURAL RUBBER

(51) International classification	:C08G 83/00
(31) Priority Document No	:11/842,939
(32) Priority Date	:21/08/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2007/083454
Filing Date	:02/11/2007
(87) International Publication No	:WO 2009/025675
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)YULEX CORPORATION
Address of Applicant :37860 WEST SMITH ENKE ROAD
MARICOPA, ARIZONA 85238-3010 UNITED STATES OF
AMERICA
(72)**Name of Inventor :**
1)CORNISH, KETRINA
2)WILLIAMS, JALI, L.
3)NGUYEN, KC

(57) Abstract :

The invention disclosed herein relates to a process for making elastomeric rubber articles, and in particular, the process of producing such articles from non-Hevea brasiliensis rubber sources, such as Guayule (Parthenium argentatum) natural rubber that exhibits physical strength properties similar to or superior to that of Hevea brasiliensis natural rubber latex. In one embodiment, the process comprises an accelerator composition at the pre-cure stage comprised of variable combinations of a dithiocarbamate, a thiazole, a guanidine, a thiuram, or a sulfenamide. The accelerator composition may be comprised of, but is not limited to, zinc diethyldithiocarbamate (ZDEC), t-butyl benzothiazosulfenamide (TBBS) and diphenyl guanidine (DPG); an accelerator composition comprised of zinc diethyldithiocarbamate (ZDEC), n-cyclohexyl benzothiazosulfenamide (CBTS) and diphenyl guanidine (DPG). The disclosed invention also includes the elastomeric articles made by the disclosed process.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2078/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :18/03/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : SYSTEMS AND PROCESSES FOR PRODUCING ULTRAPURE, HIGH PRESSURE HYDROGEN□

(51) International classification	:c01b
(31) Priority Document No	:61/090,799
(32) Priority Date	:21/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/054332
Filing Date	:19/08/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GTLPETROL LLC

Address of Applicant :153 E. 53rd Street Room 5100 New York NY 10022-4631 United States of America

(72)Name of Inventor :

1)ALLAM Rodney J.

(57) Abstract :

In various implementations, feed streams that include methane are reacted to produce synthesis gas. The synthesis gas may be further processed to produce ultrapure, high-pressure hydrogen streams.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2079/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :18/03/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : MODIFIED FLUORINATED NUCLEOSIDE ANALOGUES□

(51) International classification	:c07h
(31) Priority Document No	:60/474,368
(32) Priority Date	:30/05/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/012472
Filing Date	:21/04/2004
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:6087/DELNP/2005
Filed on	:27/12/2005

(71)**Name of Applicant :**
1)PHARMASSET INC.
Address of Applicant :303 A College Road East Princeton
New Jersey 08540 United States of America
(72)**Name of Inventor :**
1)CLARK Jeremy

(57) Abstract :

The disclosed invention provides compositions and methods of treating a Flaviviridae infection, including hepatitis C virus, West Nile Virus, yellow fever virus, and a rhinovirus infection in a host, including animals, and especially humans, using a (2TMR)-2TM-deoxy-2TM-fluoro-2TM-C-methyl nucleosides, or a pharmaceutically acceptable salt or prodrug thereof.

No. of Pages : 108 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5375/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :27/07/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD FOR PREPARING THERMOPLASTIC COMPOSITIONS BASED ON PLASTICIZED STARCH AND RESULTING COMPOSITIONS□

(51) International classification	:c08g
(31) Priority Document No	:0850659
(32) Priority Date	:01/02/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/050135
Filing Date	:29/01/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ROQUETTE FRERES
Address of Applicant :F-62136 Lestrem FRANCE.
(72)**Name of Inventor :**
1)MENTINK Lon
2)LAGNEAUX Didier
3)GIMENEZ Jr'me

(57) Abstract :

The subject matter of the present invention is a starch-based composition comprising: (a) at least 51% by weight of a plasticized amylaceous composition comprising starch and a plasticizer for said starch, obtained by thermomechanically mixing granular starch and a plasticizer for said starch, (b) at most 49% by weight of at least one non-amylaceous polymer, and (c) a bonding agent having a molecular mass of less than 5000, comprising at least two functions, at least one which is capable of reacting with the plasticizer and at least another of which is capable of reacting with the starch and/or the non-amylaceous polymer, these amounts being expressed with respect to solids and relative to the sum of (a) and (b), a method for preparing such a composition and a thermoplastic composition obtained by heating such a composition.

No. of Pages : 49 No. of Claims : 25

(54) Title of the invention : TESTING DEVICE WITH A DRIVE, WHICH CONVERTS A ROTATIONAL MOVEMENT INTO A RECIPROCATING MOVEMENT OF VARIABLE AMPLITUDE

(51) International classification :G01N
 (31) Priority Document No :PCT/EP2007/007157
 (32) Priority Date :14/08/2007
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/EP2007/007157
 Filing Date :14/08/2007
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)ACES INGENIEURGESELLSCHAFT MBH
 Address of Applicant :LUDWIGSTRASSE 26, 70794
 FILDERSSTADT GERMANY (DE)
 (72)Name of Inventor :
1)TRAUTWEIN, FRANK, THILO

(57) Abstract :

The invention relates to a testing device for the static and dynamic testing of workpieces, comprising a first clamping device and a second clamping device for the workpiece, and a drive for the cyclical displacement of the second clamping device, wherein the drive has a rocker arm on which the second clamping device is pivotably mounted and the two ends of the rocker arm are connected in each case to a pivotably mounted link, and the free ends of the links are coupled in each case to a crank drive, wherein the links protrude from the ends of the rocker arm in the same direction in the basic position of the testing device.

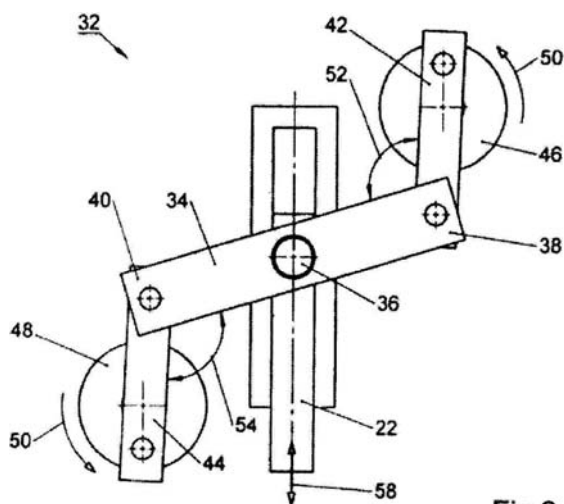


Fig 3

No. of Pages : 25 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1840/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :15/03/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD AND SYSTEM FOR TREATING DIFFERENT WASTE STREAMS □

(51) International classification :B09B

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/NL2007/050445

Filing Date :10/09/2007

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)PHARMAFILTER B.V.

Address of Applicant :Singel 130 Souterain NL-1015 AE
Amsterdam the Netherlands

(72)Name of Inventor :

1)VAN DEN BERG Eduardo-Alexander

(57) Abstract :

Method and system for treating a waste stream in a care institution. The waste is presented in containers, such as chamber pots and other containers for liquid and other kinds of waste. According to the present invention, such waste can be supplied at different locations (2) (departments) and is immediately comminuted (3). This is followed by a separating stage (4) in which the waste stream is separated into container material and actual waste. The actual waste, such as urine and feces is fed to a bioreactor where the water is purified so that it may be re-used, if desired. If it is biodegradable, the container material may be subjected to a fermentation (38) step.....

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2082/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :18/03/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD AND EQUIPMENT FOR PREPARING CHEESE OR A CHEESE PRODUCT□

(51) International classification :a23c
(31) Priority Document No :08 05246
(32) Priority Date :24/09/2008
(33) Name of priority country :France
(86) International Application No :PCT/FR2009/001070
Filing Date :08/09/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BONGRAIN SA
Address of Applicant :42 rue Rieussec F-78223 Viroflay
FRANCE.
(72)Name of Inventor :
1)COULON Florence
2)BEUDON Didier
3)RUSSO Paul

(57) Abstract :

The present invention relates to a method and to equipment for preparing cheese or a cheese product containing at least one heat-sensitive compound having a positive nutritional effect such as a probiotic bacterium. The preparation method of the invention comprises: hot mixing a cheese paste and at least one compound having a positive nutritional effect, such as a probiotic bacterium, a seric protein, a vitamin or a micronutrient; and hot-metering the mixture thus obtained into a container (10) that is the subsequent packaging of the cheese or cheese product. According to the invention, the mixing is carried out immediately before the metering for a duration lower than 10 seconds and at a temperature higher than or equal to 60°C in order to achieve a minimized thermal spoilage rate of the compound or each compound in said container for the entire product shelf life.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.46/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :11/01/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : BATTERY SYSTEM AND MOTOR VEHICLE

(51) International classification	:B60T	(71)Name of Applicant :
(31) Priority Document No	:102010004549.7	1)DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT
(32) Priority Date	:14/01/2010	Address of Applicant :PORSCHEPLATZ 1, 70435
(33) Name of priority country	:Germany	STUTTGART, GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JOERG MEYER-EBELING
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a battery system having at least one battery for driving an electric motor of a hybrid vehicle or of an electric vehicle. In order to improve the comfort, performance and/or the range of a motor vehicle, in particular of the hybrid vehicle or of the electric vehicle, having an electric motor, the battery system comprises an exchangeable component battery system (10) .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5481/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/07/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS COMPRISING GRANULES OF PURIFIED MICROBIAL LIPASE AND METHODS OF PREVENTING OR TREATING DIGESTIVE DISORDERS□

(51) International classification	:a61k
(31) Priority Document No	:08150013.3
(32) Priority Date	:03/01/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/050010
Filing Date	:02/01/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ABBOTT PRODUCTS GMBH
Address of Applicant :Hans-Bckler-Allee 20 30173
Hannover Germany
(72)**Name of Inventor :**
1)SHLIEOUT George
2)UNGER Florian
3)KOERNER Andreas

(57) Abstract :

The present invention relates to pharmaceutical compositions comprising granules containing at least one recombinantly produced purified microbial lipase, the use of said pharmaceutical compositions for the manufacture of a medicament for the prevention or treatment of certain diseases or disorders like pancreatic endocrine insufficiency, and a process for the manufacture of said pharmaceutical compositions.

No. of Pages : 61 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1067/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/02/2010

(43) Publication Date : 13/09/2013

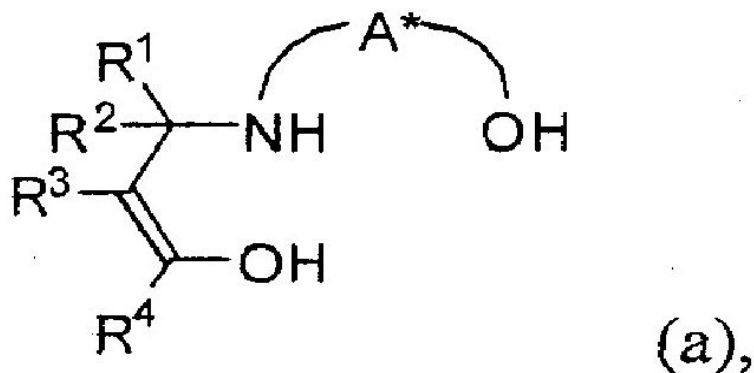
(54) Title of the invention : TITANIUM COMPOUND AND PROCESS FOR ASYMMETRIC CYANATION OF IMINES

(51) International classification :C07F 7/28
(31) Priority Document No :PCT/SG2007/000326
(32) Priority Date :28/09/2007
(33) Name of priority country :Singapore
(86) International Application No :PCT/SG2008/000367
Filing Date :26/09/2008
(87) International Publication No :WO 2009/041919
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AGENCY FOR SCIENCE TECHNOLOGY AND RESEARCH
Address of Applicant :1 FUSIONOPOLIS WAY, #20-10, CONNEXIS, SINGAPORE 138632
2)MITSUI CHEMICALS, INC
(72)Name of Inventor :
1)SEAYAD, ABDUL MAJEED
2)RAMALINGAM, BALAMURUGAN
3)CHAI, CHRISTINA
4)NAGATA, TAKUSHI
5)YOSHINAGA, KAZUHIKO

(57) Abstract :

The present invention relates to titanium catalysts for asymmetric synthesis reactions produced by bringing a reaction mixture obtained by contacting water and a titanium alkoxide into contact with an optically active ligand represented by the general formula (a), wherein R₁, R₂, R₃, and R₄ are independently a hydrogen atom, an alkyl group, or the like, and A represents a group with two or more carbon atoms having an asymmetric carbon atom or axial asymmetry. The invention further relates to a process for asymmetric cyanation of imines, wherein the process comprises reacting an imine with a cyanating agent in the presence of the titanium catalyst.



No. of Pages : 58 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1068/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/02/2010

(43) Publication Date : 13/09/2013

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

(51) International classification :C07D 401/06
(31) Priority Document No :10-2007-0078439
(32) Priority Date :06/08/2007
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2008/004516
Filing Date :04/08/2008
(87) International Publication No :WO 2009/020323
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)HANMI PHARM. CO., LTD.

Address of Applicant :#893-5, HAJEO RI, PALTON-MYEON, HWASEONG-SI, GYEONGGI-DO 445-910, REPUBLIC OF KOREA

(72)Name of Inventor :

1)MOON, YOUNG HO;

2)LEE, MOON SUB;

3)YOO, JAE HO;

4)KIM, JI SOOK;

5)KIM, HAN KYONG;

6)CHOI, CHANG JU;

7)CHANG, YOUNG KIL;

8)LEE, GWAN SUN;

(57) Abstract :

Optically pure voriconazole can be prepared in a high yield by a) subjecting 1-(2,4-difluorophenyl)-2(1H-1,2,4-triazol-1-yl)ethanone to Reformatsky-type coupling reaction with a substituted thiopyrimidine derivative to obtain a desired (2R,3S)/(2S,3R)-enantiomeric pair; b) removing the thiol derivative from the enantiomer to obtain racemic voriconazole; and c) isolating the racemic voriconazole by way of optical resolution using an optically active acid.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1340/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :23/02/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : PROCESSES FOR GASIFICATION OF A CARBONACEOUS FEEDSTOCK□

(51) International classification :c07c
(31) Priority Document No :61/098,477
(32) Priority Date :19/09/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/057549
Filing Date :18/09/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GREATPOINT ENERGY INC.
Address of Applicant :222 Third Street Suite 2163
Cambridge Massachusetts 02142 United States of America
(72)**Name of Inventor :**
1)VINCENT GILBERT REILING
2)ROBINSON Earl T.
3)NAHAS Nicholas Charles
4)SMITH Jeffery
5)MIMS Charles

(57) Abstract :

The present invention relates to processes for preparing gaseous products, and in particular, methane via the catalytic gasification of carbonaceous feedstocks in the presence of steam and an oxygen-rich gas stream. The processes comprise using at least one catalytic methanator to convert carbon monoxide and hydrogen in the gaseous products to methane and do not recycle carbon monoxide or hydrogen to the catalytic gasifier.

No. of Pages : 46 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1341/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :23/02/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : CHAR METHANATION CATALYST AND ITS USE IN GASIFICATION PROCESSES□

(51) International classification :c10l
(31) Priority Document No :61/098,469
(32) Priority Date :19/09/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/057542
Filing Date :18/09/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GREATPOINT ENERGY INC.
Address of Applicant :222 Third Street Suite 2163
Cambridge Massachusetts 02142 United States of America
(72)**Name of Inventor :**
1)HIPPO Edwin J.
2)VINCENT GILBERT REILING
3)ROBINSON Earl T.
4)RAMAN Pattabhi K.
5)SMITH Jeffery
6)MIMS Charles
7)NAHAS Nicholas Charles

(57) Abstract :

The invention provides processes for generating a methane-enriched gas from a gas mixture comprising carbon monoxide and hydrogen such as gas streams generated by gasification of an alkali metal catalyst- loaded carbonaceous feedstock, and a char methanation catalyst useful in such processes.

No. of Pages : 50 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1966/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :14/07/2011

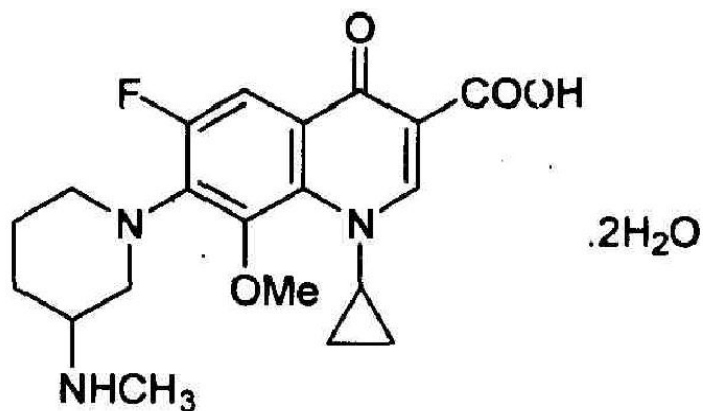
(43) Publication Date : 13/09/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF BALOFLOXACIN DIHYDRATE

(51) International classification	:A01J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NECTAR LIFESCIENCES LIMITED
(32) Priority Date	:NA	Address of Applicant :VILLAGE SAIDPURA, TEHSIL
(33) Name of priority country	:NA	DERABASSI DISTT. MOHALI - 140507, PUNJAB, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AGGARWAL ASHVIN KUMAR
(87) International Publication No	:NA	2)KUMAR P KISHORE SESHU
(61) Patent of Addition to Application Number	:NA	3)SINGH SATYENDRA KUMAR
Filing Date	:NA	4)MURTHY RUDRA VENKATA SATYANARAYANA
(62) Divisional to Application Number	:NA	5)BODDU MANI KUMAR
Filing Date	:NA	

(57) Abstract :

The present application relates to the process for preparation of balofloxacin dihydrate of following Formula II.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2821/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :23/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : POLYMER NANOPARTICLES COATED BY MAGNETIC METAL OXIDE AND USES THEREOF

(51) International classification :A61K
(31) Priority Document No :60/960,270
(32) Priority Date :24/09/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2008/001286
Filing Date :24/09/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAR-ILAN UNIVERSITY
Address of Applicant :52900 Ramat Gan Israel
2)HENRY FORD HOSPITAL
(72)**Name of Inventor :**
1)MARGEL Shlomo
2)PERLSTEIN Benny
3)BRODIE Chaya

(57) Abstract :

The invention provides nanoparticles consisting of a polymer which is a metal chelating agent coated with a magnetic metal oxide, wherein at least one active agent is covalently bound to the polymer, said nanoparticles may optionally further comprise at least one active agent physically or covalently bound to the outer surface of the magnetic metal oxide. Pharmaceutical compositions comprising these nanoparticles may be used, inter alia, for detection and treatment of tumors and inflammations.

No. of Pages : 86 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5549/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :04/08/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : SHUTTER HAVING A SWELLABLE PERIPHERAL SEAL, AND SHUTTING SYSTEM COMPRISING IT FOR A MULTIPLE-CHAMBER FURNACE PORT □

(51) International classification	:f27d
(31) Priority Document No	:0850921
(32) Priority Date	:13/02/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/050177
Filing Date	:05/02/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SOLIOS CARBONE
Address of Applicant :32 rue Fleury Neuvesel 69700
GIVORS FRANCE.
(72)**Name of Inventor :**
1)BENHARBON Grard
2)MAHIEU Pierre

(57) Abstract :

The invention relates to the field of what are called "rotating-fireball" multiple-chamber furnaces, for the firing of carbon blocks, and, more particularly, to a shutter (13) having an inflatable seal (16), for a port (8) of a hollow partition (7) in a rotating-fireball multiple-chamber furnace, characterized in that its shutter comprises: a rigid core (14), of substantially rectangular elongate shape, intended to be placed opposite a port (8) of a hollow partition (7) in said furnace, so as to shut off most of the flow area for gas entering via said port (8); and at least one inflatable air chamber (15), retracted in the deflated state in a housing for the core (14) and forming, in the inflated state,.....

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5624/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :07/08/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : ACTUATOR DEVICE FOR VARYING THE ATTITUDE OF A SPACECRAFT

(51) International classification	:b64g	(71)Name of Applicant :
(31) Priority Document No	:0850846	1)ASTRIUM SAS
(32) Priority Date	:11/02/2008	Address of Applicant :6 rue Laurent Pichat F-75016 Paris
(33) Name of priority country	:France	FRANCE.
(86) International Application No	:PCT/EP2009/051205	(72)Name of Inventor :
Filing Date	:03/02/2009	1)SPERANDEI Jean
(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	

(57) Abstract :

An actuator device for varying the attitude of a spacecraft comprises a reversible conversion chain of electrical energy to mechanical rotation energy of a flywheel (1). The electrical energy is stored in a capacitive element (4) that may be a supercapacitor. The actuator device also comprises an electrical power converter (5), connected, on one hand, to the capacitive element and intended to be connected, on the other hand, to the spacecraft power bus. The converter makes it possible to compensate for losses to keep a total energy of the actuator device constant.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5625/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :07/08/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : A BIOMASS GASIFICATION METHOD AND APPARATUS FOR PRODUCTION OF SYNGAS WITH A RICH HYDROGEN CONTENT

(51) International classification	:c10j	(71)Name of Applicant :
(31) Priority Document No	:61/011,031	1)BOSON ENERGY SA
(32) Priority Date	:14/01/2008	Address of Applicant :29 Boulevard Prince Felix L-1513
(33) Name of priority country	:U.S.A.	Luxembourg
(86) International Application No	:PCT/SE2009/050019	(72)Name of Inventor :
Filing Date	:14/01/2009	1)Wlodzimierz Blasiak
(87) International Publication No	: NA	2)Weihong Yang
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A gasification facility comprising a high temperature gasifying agent generator, a gasifier, and optionally a shift reactor (reformer), a solid gas separator (cyclone), and regenerative combustor is provided. The high temperature gasifying agent generator produces one or more high temperature gases, such as steam, air/oxygen, exhaust gas, or a combination of them within the temperature range of 800 to 1600°C. In a thermal conversion area of a gasifier, the solid fuel is thermally decomposed to produce the syngas using the sensible heat of the high temperature gasifying agent (pure steam) and optionally the heat released by Ca-based CO₂ sorbents.

No. of Pages : 36 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5626/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :07/08/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : MOLTEN GLASS PRODUCING APPARATUS AND MOLTEN GLASS PRODUCING METHOD EMPLOYING THE APPARATUS

(51) International classification	:c03b
(31) Priority Document No	:2008-099497
(32) Priority Date	:07/04/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/057074
Filing Date	:06/04/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Asahi Glass Company Limited
Address of Applicant :5-1, MARUNOUCHI 1- CHOME,
CHIYODA-KU, TOKYO 100-8405, Japan
(72)**Name of Inventor :**
1)Hajime Itoh
2)Hironobu Yamamichi
3)Toru Nishikawa
4)Kazuo Ninomiya
5)Hiroaki Hamamoto

(57) Abstract :

The present invention is to provide a molten glass producing apparatus realizing simultaneously the production of a glass article of high quality and save-energy in producing molten glass, a molten glass producing method employing the molten glass producing apparatus and a method for producing a glass article.

No. of Pages : 28 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5627/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :07/08/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : DOMINANT EARLINESS MUTATION AND GENE IN SUNFLOWER (HELIANTHUS ANNUUS)

(51) International classification :c12n
(31) Priority Document No :61/028,052
(32) Priority Date :12/02/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/033955
Filing Date :12/02/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)DOW AGROSCIENCES LLC
Address of Applicant :9330 Zionsville Road Indianapolis IN
46268 United States of America
(72)Name of Inventor :
1)GERDES James Todd
2)CHRISTOPHER Mark
3)BENSON, ROBERT
4)GAO Wenxiang

(57) Abstract :

The subject invention relates in part to the discovery of a spontaneous sunflower mutation. The subject invention involves an early□ mutation and related inbred/hybrid development. The subject invention further provides a single dominant gene that confers earliness in sunflower inbred isolines and near isogenic hybrids. There is no known prior teaching or suggestion of this geneTMs utility for hybrid development in the industry. The subject invention also provides a new and distinctive sunflower inbred line designated H120R. The invention includes seeds that possess this mutated gene, plants produced by growing these seeds, and progeny thereof that possess this mutated gene and the associated earliness trait. The subject invention also includes methods for producing such sunflower seeds and plants, including inbreds and hybrids. Such plants can be produced by, for example, crossing such an inbred line with itself or with another sunflower line.

No. of Pages : 58 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5767/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :13/08/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : APPARATUS AND METHOD FOR ACTIVATING CONVEYOR BELT ROLLERS

(51) International classification :b65g
(31) Priority Document No :12/018,240
(32) Priority Date :23/01/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/030898
Filing Date :14/01/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LAITRAM L.L.C.
Address of Applicant :Legal Department 200 Laitram Lane
Harahan Louisiana 70123 United States of America
(72)**Name of Inventor :**
1)FOURNEY Matthew L.

(57) Abstract :

Apparatus and method for activating conveyor belt rollers (16) by raising and lowering the conveyor belt (12). Article-supporting rollers extending through the thickness of the conveyor belt are deactivated when the belt is raised to a position in which the belt rollers do not contact bearing surfaces (28,70) below the belt. Belt rollers are activated to rotate when the belt is lowered to a position in which the belt rollers ride on the bearing surfaces below the belt and rotate to push articles conveyed atop the belt rollers in the direction of rotation as the belt advances. Linear support surfaces, such as wearstrips, between the bearing surfaces are raised and lowered into and out of supporting contact with the bottom of the belt by selectively inflatable bladders (42).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2818/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :23/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : BOILER STRUCTURE□

(51) International classification	:F23C
(31) Priority Document No	:2008-308469
(32) Priority Date	:03/12/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/062120
Filing Date	:02/07/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MITSUBISHI HEAVY INDUSTRIES LTD.

Address of Applicant :16-5 Konan 2-chome Minato-ku
Tokyo 108-8215 Japan

(72)Name of Inventor :

1)Hiroshi SUGANUMA

2)Yuichi KANEMAKI

3)Kazuhiro DOMOTO

(57) Abstract :

A boiler structure that allows for an appropriate flow-rate distribution of an internal fluid to multiple divided furnace wall surfaces (water-wall) without excessive pressure loss so as to reduce the pressure loss (friction loss) occurring between furnace inlet headers and outlet headers is provided. In a boiler structure having a furnace water-wall (4) formed of multiple boiler evaporation tubes (3) disposed on a wall surface of a furnace and configured to generate steam by heating water inside the furnace when the water pressure-fed to the boiler evaporation tubes (3) flows inside the tubes, the boiler structure includes orifices (22), for an internal fluid, provided in inlet connection tubes (20).....

No. of Pages : 28 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2819/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :23/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD AND MEANS OF CONROLLING AN ELECTRICAL LOAD

(51) International classification	:H04Q
(31) Priority Document No	:2010/0004
(32) Priority Date	:04/01/2010
(33) Name of priority country	:South Africa
(86) International Application No	:PCT/ZA/2010/00006
Filing Date	:03/02/2010
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)RADIO SURVEILLANCE TECNOLOGIES (PTY) LTD.
Address of Applicant :DOUGLAS SAUNDERSDRIVE,
BLOCK A, SUNBURY PARK. LA LUCIA, KWAZULU-
NATAL, SOUTH AFRICA
(72)**Name of Inventor :**
1)SELVANATHAN NARAINSAMY
2)ANDREW GARY WRIGHT

(57) Abstract :

The electrical load control system 10 of the invention is illustrated with reference to a controller 10 intended to control an electrical load constituted by a hot water cylinder 12. The controller 10 relies on a public broadcaster to inject switch actuation codes into the normal signal broadcast by the broadcast, either as radio frequency (RF) signals, preferably in the form of RDS (Radio Data System) signals, or as audio frequency, in-band signals, whether in the form of humanly audible tones or as inaudible tones having an audio frequency outside of the normal humanly audible frequency range. The system or controller 10 comprises, at the load 12, a switch 14 connected in circuit with the electrical load 12. The controller 10 includes a RF receiver 20 preset to receive the RF signal of a predetermined public broadcasting service. In the audio-signal embodiment of the invention, the receiver 20 receives the broadcast RF signal and outputs an audio signal through an audio output transducer (not shown) similar to an audio speaker. The controller 10 includes an interface including a control circuit 22 that is interfaced with the switch 14 over a switch interface 24 and with the receiver 20 over a receiver interface 26. The control circuit receiver interface 26 is adapted to monitor the audio output of the receiver transducer for receipt of the publicly broadcast audio control signal. The control circuit 22 includes programmable logic means programmed, on receipt of the publicly broadcast audio control signal, to actuate the control circuit 22 by means of the switch interface 24, to actuate the switch 14, in use to switch the load OFF or ON.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5203/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/07/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : Hydrodynamic Energy Generation System

(51) International classification	:f03b
(31) Priority Document No	:2007906961
(32) Priority Date	:19/12/2007
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2008/001888
Filing Date	:19/12/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)James Kwok

Address of Applicant :P O Box 1026 Runaway Bay QLD
4216 Australia

(72)Name of Inventor :

1)James Kwok

(57) Abstract :

An energy generation system comprising at least one shaft, buoyant means associated with, and movable relative to, said at least one shaft, wherein movement of the buoyant means relative to said at least one shaft causes rotation of the at least one shaft about a longitudinal axis, means for adding and/or removing a fluid to and/or from said buoyant means to cause movement of the buoyant means, and power generation means associated with said at least one shaft.

No. of Pages : 45 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5773/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :13/08/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : PERMANENT MAGNET AND ROTATING BEARING HAVING SUCH PERMANENT MAGNETS

(51) International classification :h02k
(31) Priority Document No :10 2008 009 734.9
(32) Priority Date :19/02/2008
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2009/051520
Filing Date :11/02/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MAD MAGNETIC DRIVE AG
Address of Applicant :Landstrasse 163 FL-9494 Schaan
Liechtenstein
(72)Name of Inventor :
1)ERLINGHAGEN Harald
2)KRUG Walther

(57) Abstract :

A permanent magnet (5, 11, 13) having a magnetic body made of a permanent magnetic material has a magnetic north and a magnetic south, wherein said magnetic body has a first pole surface (14) and a second pole surface on opposite ends having a lateral surface between them and a sheath (6, 7, 10, 12) made of a ferromagnetic material, which encloses the magnetic body with the exception of a subarea in the area of said first pole surface.

No. of Pages : 21 No. of Claims : 27

(54) Title of the invention : VECTORS AND METHODS FOR CLONING GENE CLUSTERS OR PORTIONS THEREOF

(51) International classification :C12N 15/76
 (31) Priority Document No :60/962,311
 (32) Priority Date :27/07/2007
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2008/009083
 Filing Date :25/07/2008
 (87) International Publication No :WO 2009/017692
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)WYETH LLC

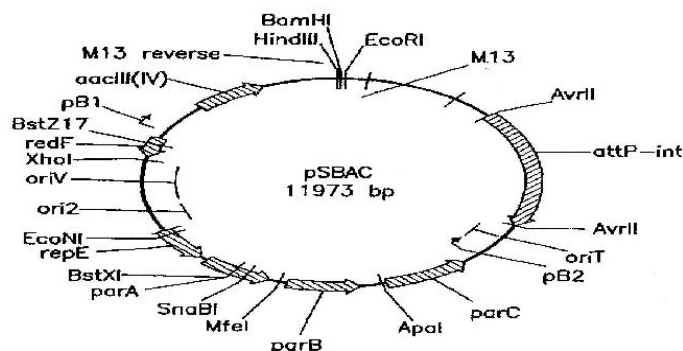
Address of Applicant :FIVE GIRALDA FARMS, MADISON, NEW JERSEY 07940, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)MIN HE,**2)HONGBO LIU,**

(57) Abstract :

The present invention relates to a shuttle BAC vector for facilitating the cloning, transfer and heterologous expression of streptomycete secondary metabolite biosynthetic gene clusters. The invention also relates to a plasmid rescue method using this vector for enhancing the process of cloning biosynthetic gene clusters for secondary metabolites from streptomycetes without sophisticated generation and screening of cosmids or BAC libraries. The cloned DNA can then be used for sequencing or heterologous expression of putative secondary metabolic gene clusters.

**FIG. 1**

No. of Pages : 137 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.168/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/01/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD AND DEVICE FOR FORWARD TRANSFERRING A ROUTING REQUEST MESSAGE

(51) International classification :H01T
(31) Priority Document No :200910147211.7
(32) Priority Date :08/06/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/072885
Filing Date :18/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ZTE CORPORATION
Address of Applicant :ZTE Plaza Keji Road South Hi-Tech
Industrial Park Nanshan Shenzhen Guangdong 518057 China
(72)**Name of Inventor :**
1)LIU Zhenhua;

(57) Abstract :

The disclosure discloses a method for forward transferring a routing request message, comprising: receiving, by a second network, a routing request message sent by a first network; acquiring a terminal identification to which a target mobile terminal corresponds carried in the routing request message; adding a network identification of third network in the routing request message when it is determined that the target mobile terminal has become a user of the third network according to the terminal identification to which the target mobile terminal corresponds, and sending the routing request message added with the network identification of the third network to the third network. The disclosure also discloses a device for forward transferring a routing request message. By adopting the disclosure, the signaling process can be optimized and the efficiency of the system can be improved.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.249/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :05/02/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : ENZYMES FROM BEAVERIA SP. AND PROCESS FOR PREPARATION THEREOF

(51) International classification

:C12N

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110 001, INDIA.

(72)Name of Inventor :

1)SEETA LAXMAN RYALI

2)SHIV SHANKAR

3)SNEHAL VIJAY MORE

4)HARISH BANSILAL KHANDELWAL

5)CHANDRA BABU KANNAN NARASIMHAN

6)SARAVANAN PALANIVEL

7)PADMANABHAN BALARAM

(57) Abstract :

A fungal strain Beauveria species bearing accession number MTCC 5184 is disclosed. The process for the preparation of an enzyme mix comprising at least one enzyme selected from, but not limited to protease, carbohydrase and lipase from the disclosed Beauveria species and uses of the enzyme mix in various areas are also disclosed.

No. of Pages : 70 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.33/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :07/01/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : A MEMBER FRONT LOWER ASSEMBLY USED IN THE FRONT UNDER BODY OF THE VEHICLE

(51) International classification	:B60T	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MARUTI SUZUKI INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :HAVING ITS REGISTERED OFFICE
(33) Name of priority country	:NA	AT 1, NELSON MANDELA ROAD, VASANT KUNJ, NEW
(86) International Application No	:NA	DELHI-110070, India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)ASHISH CHOPRA
(61) Patent of Addition to Application Number	:NA	2)SACHIN GOYAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a member front lower assembly used in the front under body of the vehicle comprising of a member front lower mounted with the longitudinal members with the help of rear mounting bracket and to the cross member by means of front mounting bracket wherein member front lower support is joined with the member front lower with the help of reinforcement member front lower.

No. of Pages : 15 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5780/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :13/08/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : RETRACTOR

(51) International classification	:a61b
(31) Priority Document No	:0800835.1
(32) Priority Date	:17/01/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/000097
Filing Date	:15/01/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CARDIOPRECISION LIMITED
Address of Applicant :Gordon Chambers 90 Mitchell Street
Glasgow G1 3NQ United kingdom
(72)**Name of Inventor :**
1)SUTHERLAND Ying
2)SUTHERLAND Fraser William Havern

(57) Abstract :

Apparatus for use in an operating theatre equipped with a surgical table, comprises a lifting frame (12) attachable to the surgical table and adapted for lifting a body part of a subject undergoing a surgical procedure upon the surgical table, and comprising an upright support post (18) incorporating a jack (54), and a lifting arm (17) pivotally mounted upon the post, whereby the arm can be turned about the upright support post on thrust bearing (57) to either overhang the surgical table, or be pivoted away to permit access to the surgical table. The arm is adapted to support a retractor that comprises a blade portion incorporating a plurality of independent lighting devices positioned in light ports (71, 72, 73) and configured to provide discrete illumination selectively to zones within the surgical field according to (a) a predetermined sequence programme, or (b) a sequence determined by a user of the retractor.

No. of Pages : 43 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1224/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :26/04/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : PROCESS FOR THE PURIFICATION OF CEFEDITOREN SODIUM

(51) International classification

:C07D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)NECTAR LIFESCIENCES LTD

Address of Applicant :VILLAGE SAIDPURA, TEHSIL
DERABASSI DISTT. MOHALI - 140507, PUNJAB, INDIA

(72)Name of Inventor :

1)SAHOO PRABHAT KUMAR

2)MANEPALLI RAMESH

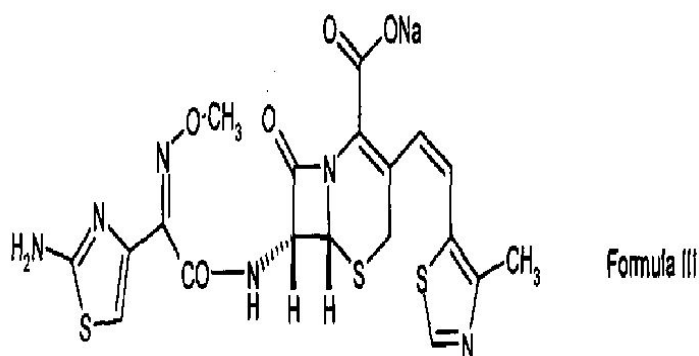
3)TIWARI ANOOP KUMAR

4)PATHAK DHARMENDRA KUMAR

5)BAGADI RAMACHANDRA RAO

(57) Abstract :

The present application relates to the process for purification of cefditoren sodium of Formula III.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.233/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/01/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : WINDOWPANE FOR VEHICLE AND ANTENNA

(51) International classification	:H01Q 1/32
(31) Priority Document No	:2009-163099
(32) Priority Date	:09/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/061643
Filing Date	:08/07/2010
(87) International Publication No	:WO 2011/004877
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ASAHI GLASS COMPANY, LIMITED
Address of Applicant :5-1, MARUNOUCHI 1-CHOME,
CHIYODA-KU, TOKYO 100-8405 (JP) Japan
(72)**Name of Inventor :**
1)KAGAYA, OSAMU
2)IKAWA, KOJI
3)SUENAGA, KOUTAROU

(57) Abstract :

A vehicle window glass has a glass plate 11, a conductive film 13 laminated on the glass plate 11 and an antenna structured with a feeding structure placed on the conductive film 13, and is characterized in that the feeding structure. has a dielectric 12 and a pair of electrodes 16, that the conductive film 13 has a slot 23 one end. of which makes an upper edge 13a of the conductive film 13 an open end, and is disposed between the glass plate 11 and the dielectric 12, and that the pair of electrodes 16 are disposed on the opposite side of the side of the conductive film 13 with the dielectric 12 in between so that the slot 23 is sandwiched between the pair of electrodes 16 when the pair of electrodes 16 are projected onto the conductive film 13, and are capacitively coupled to the conductive film 13.

No. of Pages : 77 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.379/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :19/02/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : DIPYRIDAMOLE PROLONGED-RELEASE TABLET

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Alfred E. Tiefenbacher GmbH & Co. KG
(32) Priority Date	:NA	Address of Applicant :Van-der-Smissen-Strasse 1 22767
(33) Name of priority country	:NA	Hamburg GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Manohar Pasahn
(87) International Publication No	: NA	2)R. Bala Ramesha Chary
(61) Patent of Addition to Application Number	:NA	3)T. Jagadeesh
Filing Date	:NA	4)Abhay R. Joshi
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a gastro-retentive, prolonged-release tablet formulation comprising in the intragranular phase a pharmaceutically active ingredient and a water-swell able polymer, and in the extragranular phase hydroxypropyl methyl cellulose (HPMC). The tablet of the present invention is further characterized in that it contains a gas generating agent, thereby causing the tablet to float on the gastric juice. The tablet is particularly suitable for dipyridamole which is a drug that inhibits thrombus formation. The present invention thus provides an alternative to the commercially available dipyridamole containing pharmaceutical compositions marketed under the trademarks Aggrenox® and Persantine®.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4990/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :09/07/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : MODULE FOR A MODULAR CONVEYOR BELT

(51) International classification	:b65g
(31) Priority Document No	:61/009,161
(32) Priority Date	:27/12/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/088192
Filing Date	:23/12/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LAITRAM L.L.C.

Address of Applicant :Legal Department 200 Laitram Lane
Harahan LA 70123 United States of America

(72)Name of Inventor :

1)Philip J. WUNSCH

(57) Abstract :

A module for a modular conveyor belt includes a flexible retainer for retaining a hinge rod in a bore of the module. A stopper limits the bending movement of the retainer and supports the midportion of the retainer to prevent stresses generated in the retainer from exceeding its design stress.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5406/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :27/07/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : COVER FOR LEAD ACID BATTERIES□

(51) International classification	:h01m
(31) Priority Document No	:08152394.6
(32) Priority Date	:06/03/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/052671
Filing Date	:06/03/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ACCUMALUX S.A.
Address of Applicant :Alle De La Poudrerie L-1899
Kockelscheuer Luxembourg
(72)**Name of Inventor :**
1)LANGE Wolfgang

(57) Abstract :

A cover made of plastic material for a lead acid battery comprising at least one bushing with an annular body having an upper portion and a lower portion, said bushing having an outer surface and an inner surface, the lower portion of the bushing comprising a device on its outer surface for mechanically fixing said bushing to the cover, wherein the outer and the inner surface of the lower portion of the bushing are embedded inside the cover material.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5823/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/08/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD FOR PRODUCING FERMENTED PRODUCT USING NATURAL MATERIAL, AND FOOD OR MEDICINE CONTAINING FERMENTED PRODUCT MADE FROM SAME□

(51) International classification

:a231

(31) Priority Document No

:10-2008-
0013299

(32) Priority Date

:14/02/2008

(33) Name of priority country

:Republic of
Korea

(86) International Application No

:PCT/ KR

Filing Date

2009/000656

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)BARLEY & OATS CO. LTD.

Address of Applicant :29-2 Bangma-ri Bulgap-myeon
Yeonggwang-gun Jeollanam-do 513-832 REPUBLIC OF
KOREA

(72)Name of Inventor :

1)CHO Seog Ho

2)KIM Chul Jin

3)PARK Jee Won

4)KIM Tae Hui

5)JANG Jeong Hoon

(57) Abstract :

The present invention relates to a method for producing a fermented product of natural materials comprising nucleic acids in an amount of 3 to 4g or less on the basis of 70g of protein content or 24g of dietary fiber content in the fermented product by adding microorganisms and fermenting the mixture to reduce carbohydrate content and to increase beta-glucan content in natural materials, a fermented product of natural materials produced by said method, and a food product or a medicine product which comprises said fermented product.

No. of Pages : 25 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2649/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : GEAR BOX FOR WIND TURBINE GENERATOR AND WIND TURBINE GENERATOR

(51) International classification	:F16H
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2010/052101
Filing Date	:12/02/2010
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MITSUBISHI HEAVY INDUSTRIES, LTD.
Address of Applicant :16-5, KONAN 2-CHOME, MINATO-KU, TOKYO 1088215, Japan
(72)**Name of Inventor :**
1)KEITA NAKASHIMA
2)KAORU IWASAKI
3)TAKAFUMI YOSHIDA
4)HIROAKI TAKEUCHI
5)KATSUHIKO SHODA

(57) Abstract :

In an object to provide a gear box for a wind turbine generator and a wind turbine generator in which the life of the planet bearings are further enhanced, a gear box 14 of the present invention includes a casing 40, a carrier 52, planet pins 54 held to the carrier 52, planet bearings 56 supported to the planet pins 54, respectively, a plurality of planet gears 58 supported to the planet pin 54s via the planet bearings 56, respectively, and a ring gear 60 and a sun gear 62 meshed with the planet gears 58. In the gear box 14, the carrier 52 has an inclined surface 53A facing the planet bearing 56 as a part of an outer cylinder part 53 provided on both ends of the planet pins in axial direction of the planet pin and surrounding the outer circumference of the both ends of the planet pins and the incline surface 53A inclines such that the farther from an axial center of the planet pin 54, the longer a distance between the inclined surface and the planet bearing 56.

No. of Pages : 52 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2650/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD OF REPAIRING BEARING OF WIND TURBINE GENERATOR□

(51) International classification :B23P
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2010/051933
Filing Date :10/02/2010
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MITSUBISHI HEAVY INDUSTRIES, LTD.
Address of Applicant :16-5, KONAN 2-CHOME, MINATO-KU, TOKYO 1088215, Japan
(72)**Name of Inventor :**
1)KEIICHIROU KAWANO
2)KAORU IWASAKI
3)YUJI MATSUNAMI
4)SHIRO TAKADA
5)YUKIO AKIZUKI
6)HIROAKI TAKEUCHI

(57) Abstract :

A method of repairing a bearing of a wind turbine generator is provided which is able to more permanently repair a gap which occurred between a constituent member of the wind turbine generator and a bearing ring of the bearing. For example, in the case of repairing the gap 13 between the main shaft outer cylinder 10 of the wind turbine generator 1 and the outer ring 12A of the main bearing 12, the plate 40 is inserted between the main shaft outer cylinder 10 and the outer ring 12A, and also the plate 40 is fixed to an inner circumferential surface of the main shaft outer cylinder 10 by the adhesive agent 41. On the other hand, slip is permitted between the plate 40 and the outer ring 12A of the main bearing 12.

No. of Pages : 36 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4590/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :24/06/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : production method of pipe joint, production device of pipe joint and pipe joint

(51) International classification	:f16l	(71)Name of Applicant :
(31) Priority Document No	:2007-309897	1)THE FURUKAWA ELECTRIC CO. LTD.
(32) Priority Date	:30/11/2007	Address of Applicant :2-3 Marunouchi 2-chome Chiyoda-ku
(33) Name of priority country	:Japan	Tokyo 1008322 Japan
(86) International Application No	:PCT/JP2008/071669	(72)Name of Inventor :
Filing Date	:28/11/2008	1)KANEDA Rokurou
(87) International Publication No	: NA	2)WADA Naoto
(61) Patent of Addition to Application	:NA	3)KOZAWA Satoshi
Number	:NA	4)NAKAJIMA Yuzo
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pipe joint production device 10 operates a cylinder 29 for sliding a core metal and inserts a core metal 21 into a spiral grooved pipe 3 previously provided with a water expansion sheet on the inner circumferential surface thereof. Subsequently, the pipe joint production device 10 operates a cylinder 23 for pressing a core metal so that the core metal 21 presses the water expansion sheet against the inner circumferential surface of the spiral grooved pipe 3, thus rotating the spiral grooved pipe 3 under that state. The core metal 21 presses the water expansion sheet against the inner circumferential surface of the spiral grooved pipe 3 over the entire circumference thereof as the spiral grooved pipe 3 rotates. Consequently, productivity is improved and stabilized quality can be attained.

No. of Pages : 41 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.600/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :15/03/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : CURRENT STEERING DAC WITH SWITCHED CASCODE OUTPUT CURRENT SOURCE/SINK

(51) International classification

:H03F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)STMicroelectronics Pvt. Ltd

Address of Applicant :Plot No. 1 Knowledge Park III Greater
Noida 201308 Uttar Pradesh India

(72)Name of Inventor :

1)MAHAJAN Puneet

2)RAWAT Anand Singh

3)KUMAR Anil

(57) Abstract :

A current-steering digital-to-analog converter comprising plurality of current cells, said each current cell comprising: a dual bias switched cascode output current source/sink; a bias source; complementary bias switching elements coupled between said bias source and the bias inputs of said switched cascode output current source/sink; and complementary switching signals coupled to the control inputs of said complementary bias switching element.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1887/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :14/03/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : A SPECTRUM CODING AND DECODING APPARATUS AND METHODS THEREOF□

(51) International classification	:h04l
(31) Priority Document No	:2003-363080
(32) Priority Date	:23/10/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/016176
Filing Date	:25/10/2004
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2585/DELNP/2006
Filed on	:08/05/2006

(71)**Name of Applicant :**
1)PANASONIC CORPORATION
Address of Applicant :1006 Oaza Kadoma Kadoma-shi
Osaka 5718501 Japan
(72)**Name of Inventor :**
1)Masahiro OSHIKIRI

(57) Abstract :

The present invention relates to a spectrum coding apparatus comprising an acquisition section that acquires a first spectrum which frequency is in a band of 0 % k < FL; an acquisition section that acquires a second spectrum which frequency is in a band of 0 % k < FH; an estimation section that generates an estimated spectrum of said second spectrum in a band of FL % k < FH, using said first spectrum, based on a pitch coefficient; and a coding section that divides said second spectrum in the band of FL % k < FH into a plurality of subbands and finds said pitch coefficient minimizing a distortion between said second spectrum and said estimated spectrum for each of said subbands, to estimate said second spectrum and code said pitch coefficient for each of said subbands.

No. of Pages : 95 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4228/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :14/06/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : STEROL-MODIFIED AMPHIPHILIC LIPIDS□

(51) International classification	:C07C
(31) Priority Document No	:60/988,038
(32) Priority Date	:14/11/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/083035
Filing Date	:10/11/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

Address of Applicant :1111 Franklin Street Twelfth Floor
Oakland California 94607 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)SZOKA Francis C. Jr.

2)HUANG Zhaohua

(57) Abstract :

Disclosed are sterol-modified amphiphilic lipid compounds having two or more hydrophobic tails of which at least one is a sterol. Also disclosed are the processes for the synthesis of these compounds, compositions comprising such compounds, and the use of such compounds in delivery of an agent of interest, e.g., therapeutics, imaging agents, contrast materials for ultrasound applications, vaccines, biosensors, nutritional supplements and skin care products.

No. of Pages : 140 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6513/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :15/09/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : STRIP CASTING APPARATUS FOR RAPID SET AND CHANGE OF CASTING ROLLS□

(51) International classification	:b22d
(31) Priority Document No	:12/050,987
(32) Priority Date	:19/03/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/AU2009/000314
Filing Date	:17/03/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NUCOR CORPORATION
Address of Applicant :1915 Rexford Road Charlotte North Carolina 28211 United States of America
(72)**Name of Inventor :**
1)ONDROVIC Jay Jon
2)NAKAYAMA Katsumi
3)FULBRIGHT Eric

(57) Abstract :

An apparatus and method for continuously casting thin steel strip include a pair of counter-rotatable casting rolls mounted in a roll cassette capable of being transferred from a set up station to a casting position through a transfer station, where at the set up station the casting rolls mounted in the roll cassette are capable of being prepared for casting, at the transfer station casting rolls are capable of being exchanged, and in the casting position the casting rolls are operational, and a guide positioned capable of moving the casting rolls mounted in the roll cassette between the set up station and the casting position through the transfer station. The guide may move the casting rolls mounted in the roll cassette from the set up station to the casting position through the transfer station at substantially the same elevation. A scrap receptacle.....

No. of Pages : 64 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6514/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/09/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : Peptides Protective Against S. Pneumoniae and Compositions, Methods and Uses Relating Thereto

(51) International classification :c07k
(31) Priority Document No :08 102 655.1
(32) Priority Date :17/02/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2009/053119
Filing Date :17/03/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Intercell AG

Address of Applicant :Campus Vienna Biocenter 3 1030
Vienna Austria

(72)Name of Inventor :

1)MEINKE Andreas

2)TEUBENBACHER Astrid

3)SENN Beatrice

4)ZERBS Manuel

5)HANNER Markus

6)PIKALO Jutta

7)NAGY Eszter

8)GIEFING Carmen

9)VON GABAIN Alexander

(57) Abstract :

The present invention relates to a protective peptide of Streptococcus pneumoniae (S. pneumoniae) or a functionally active variant of the protective peptide; a composition comprising at least two protective peptides or functionally active variants thereof; a composition comprising at least two proteins selected from the group consisting of i) a first type of protective peptide or functionally active variant thereof, ii) a second type of protective peptide or functionally active variant thereof and iii) a supportive peptide or a functionally active variant thereof; one or more nucleic acid(s) encoding the protective peptide or functionally active variant thereof or the at least two proteins comprised in the composition; a pharmaceutical composition comprising the protective peptide or functionally active variant thereof, the composition, or the nucleic acid(s)

No. of Pages : 546 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5768/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :13/08/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : DEVICE FOR COLLECTING SWELL ENERGY

(51) International classification	:f03b
(31) Priority Document No	:08/00,951
(32) Priority Date	:22/02/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/000166
Filing Date	:16/02/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KLUKOWSKI Slawomir
Address of Applicant :19bis rue Eugène Carrière F-75018
Paris FRANCE.
(72)**Name of Inventor :**
1)KLUKOWSKI Slawomir

(57) Abstract :

The invention relates to a device for collecting swell energy, that comprises a float (2), a turbine (8) mounted under the float and adapted for moving relative to the float when the float is moved by the swell, and a power generator (15) driven by the turbine. The turbine is rotatingly mounted about a vertical rotation axis (X) , said turbine being adapted so that a tilting motion of the float always results in a torque applied onto the turbine in a single predetermined rotation direction.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5769/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :13/08/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : SYSTEM FOR GENERATING A CUSTOMIZED FINANCIAL TRADE ARTICLE

(51) International classification	:g06q	(71)Name of Applicant :	
(31) Priority Document No	:61/006,582	1)SUPERDERIVATIVES INC.	
(32) Priority Date	:23/01/2008	Address of Applicant :7 Times Square Suite 3501 New York	
(33) Name of priority country	:U.S.A.	New York 10036 United States of America	
(86) International Application No	:PCT/IL2009/000090	(72)Name of Inventor :	
Filing Date	:22/01/2009	1)GERSHON David	
(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		

(57) Abstract :

Some embodiments include devices, systems and/or methods of generating a customized trade article. In one embodiment, a trade-article generator application is to receive trade information including a plurality of values of one or more trade-related parameters defining at least one trade with respect to at least one financial instrument, and to automatically generate a customized electronic trade article corresponding to the trade based on a predefined trade-article layout. Other embodiments are described and claimed.

No. of Pages : 91 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5771/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :13/08/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : BRAKE AND STEER-BY-BRAKING (SFB) PEDAL ARRANGEMENT FOR TRACTORS

(51) International classification	:b60t
(31) Priority Document No	:08425109.9
(32) Priority Date	:21/02/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/051596
Filing Date	:11/02/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CNH Italia S.p.A.
Address of Applicant :Via Plava 80 10135 Turin Italy
(72)**Name of Inventor :**
1)VESCOVINI Maurizio
2)MORSELLI Riccardo

(57) Abstract :

A brake and steer-by-braking (SBF) pedal arrangement (10) for tractors. The pedal arrangement (10) includes: - a right pedal (11) and a left pedal (12) operating synchronously or diachronically; and at least one hydraulic or pneumatic circuit connected to one master cylinder (13) activated by at least one of the pedals (11, 12). The pedal arrangement (10) also has potentiometers (17, 20) connected electronically to an electronic central control unit (CL); the potentiometers (17, 20) determine the distance between the pedals (11, 12); and the electronic central control unit (CL) determines, on the basis of data received from the potentiometers (17, 20), whether or not to activate the steer-by-braking function (SBF).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5772/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :13/08/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : STEERING AND BRAKING PEDAL ARRANGEMENT FOR TRACTORS

(51) International classification :b60t
(31) Priority Document No :08425106.5
(32) Priority Date :21/02/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2009/051572
Filing Date :11/02/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CNH Italia S.p.A.
Address of Applicant :Via Plava 80 10135 Turin Italy
Norway
(72)Name of Inventor :
1)MAZZUCCHI Franco
2)SERENI Eugenio
3)MAZZUCCHI Roberto

(57) Abstract :

A tractor steer-by-braking (SBF) pedal arrangement (10). The pedal arrangement (10) is characterized by having a central brake pedal (11) connected on one side to a right side pedal (12), and on the other side to a left side pedal (13). The central brake pedal (11) acts on a brake system (SBF) to produce the desired braking action. Each of the two side pedals (12, 13), when foot-operated by the driver, generate an activating signal to activate an electronic brake system, which only activates the brake required to steer-by-braking (SBF) in the desired (right or left) direction.

No. of Pages : 20 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6673/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :01/09/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : IMPROVED METAL ADHESION

(51) International classification :H01L 31/04
(31) Priority Document No :2009900923
(32) Priority Date :03/03/2009
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2010/000215
Filing Date :24/02/2010
(87) International Publication No :WO 2010/099564
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NEWSOUTH INNOVATIONS PTY LIMITED (ACN 000263 025)
Address of Applicant :RUPERT MYERS BUILDING,
LEVEL 2, GATE 14, BARKER STREET, UNSW SYDNEY,
NSW 2052, Australia
(72)Name of Inventor :
1)WENHAM, ALISON, MAREE
2)GREEN, MARTIN, ANDREW
3)WENHAM, STUART, ROSS

(57) Abstract :

A solar cell has a metal contact formed to electrically contact a surface of semiconductor material forming a photovoltaic junction. The solar cell includes a surface region or regions of heavily doped material and the contact comprises a contact metallisation formed over the heavily doped regions to make contact thereto. Surface keying features are located in the semiconductor material into which the metallisation extends to assist in attachment of the metallisation to the semiconductor material.

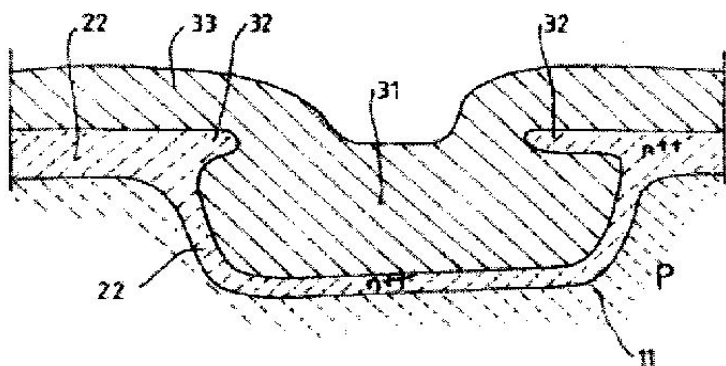


Fig. 6.

No. of Pages : 19 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5318/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/07/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : INHALER

(51) International classification	:a61m
(31) Priority Document No	:08100884.9
(32) Priority Date	:24/01/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/050345
Filing Date	:14/01/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Vectura Delivery Devices Limited
Address of Applicant :1 Prospect West Chippenham SN14 6FH United kingdom
(72)**Name of Inventor :**
1)CAMPLING Nicholas John
2)BIDDLE Howard William
3)BRADLEY Duncan James
4)SARKAR Matthew

(57) Abstract :

An inhaler is disclosed. It comprises a housing to receive a strip of sealed blisters each containing a dose of medicament and means to move a strip received within the housing such that each blister is sequentially aligned with a blister opening member for opening said aligned blister to facilitate inhalation of said dose. The inhaler also comprises means for re-sealing opened blisters previously aligned with the blister opening member by applying adhesive tape to the strip.

No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5319/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/07/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : INHALER

(51) International classification	:a61m
(31) Priority Document No	:08100881.5
(32) Priority Date	:24/01/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/050730
Filing Date	:22/01/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Vectura Delivery Devices Limited
Address of Applicant :1 Prospect West Chippenham SN14
6FH United kingdom
(72)**Name of Inventor :**
1)GIBBINS Graham
2)TYERS Ben
3)MELINIOTIS Andreas Mark

(57) Abstract :

An inhaler is disclosed. It comprises a housing to receive a strip having a surface and a plurality of blister pockets depending from said surface. Each blister pocket contains a dose of medicament for inhalation by a user. The inhaler has a blister strip drive mechanism including a blister strip drive member shaped to contact the strip along a line defined by the crease between a blister pocket and said surface, to drive said strip.

No. of Pages : 40 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5320/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/07/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : INHALER

(51) International classification	:a61m
(31) Priority Document No	:08100892.2
(32) Priority Date	:24/01/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/050344
Filing Date	:14/01/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Vectura Delivery Devices Limited

Address of Applicant :1 Prospect West Chippenham SN14

6FH United kingdom

(72)Name of Inventor :

1)EASON Stephen

2)EVANS Peter

3)GIBBINS Graham

(57) Abstract :

An inhaler is disclosed. It comprises a housing to receive a strip having a plurality of blisters, each blister having a breachable lid and containing a dose of medicament for inhalation by a user, an indexing wheel mounted in the housing rotatable to drive a strip to sequentially move blisters into alignment with a blister piercing member, a control element pivotally mounted to the housing and a drive mechanism configured to couple the control element to the indexing wheel during part of the rotation of the control element by a user so that the indexing wheel rotates together with the control element.

No. of Pages : 42 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5321/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/07/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : INHALER

(51) International classification	:a61m
(31) Priority Document No	:08100886.4
(32) Priority Date	:24/01/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/050340
Filing Date	:14/01/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Vectura Delivery Devices Limited
Address of Applicant :1 Prospect West Chippenham SN14
6FH United kingdom
2)Boehringer Ingelheim International GmbH
(72)**Name of Inventor :**
1)HARMER Quentin
2)MILIVOJEVIC Ivan
3)SARKAR Matthew

(57) Abstract :

An inhaler for producing an inhalable aerosol of powdered medicament is disclosed. The inhaler includes an aerosolising device having a chamber of substantially circular cross-section, inlet and outlet ports at opposite ends of the chamber for the flow of drug laden air through the chamber between said ports and, a bypass air inlet for the flow of clean air into the chamber. The bypass air inlet is configured so that air entering the chamber through said inlet forms a cyclone in the chamber that interacts with the drug laden air flowing between the inlet and outlet ports.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5322/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/07/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : BLISTER STRIP COIL FORMING

(51) International classification	:a61m
(31) Priority Document No	:08100879.9
(32) Priority Date	:24/01/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/050343
Filing Date	:14/01/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Vectura Delivery Devices Limited
Address of Applicant :1 Prospect West Chippenham SN14
6FH United kingdom
(72)**Name of Inventor :**
1)GIBBINS Graham
2)EVANS Peter
3)SARKAR Matthew

(57) Abstract :

A method of coiling a strip of blisters for insertion into an inhalation device is disclosed. The method includes the steps of taking a preformed strip of blisters in which each blister contains a dose of medicament for inhalation by a user, manipulating the strip to impart a continuous curvature or a series of discrete creases to the strip; that allow the strip to form into a coiled shape. A strip which has been coiled according to the method is also disclosed, as is an inhalation device incorporating means for coiling a strip of blisters according to the invention.

No. of Pages : 39 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6665/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :01/09/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : ROTOR DISK

(51) International classification :B01F 7/00
(31) Priority Document No :A 42/2010
(32) Priority Date :14/01/2010
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2011/000005
Filing Date :07/01/2011
(87) International Publication No :WO 2011/085419
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)EREMA ENGINEERING RECYCLING MASCHINEN
UND ANLAGEN GESELLSCHAFT M.B.H.**
Address of Applicant :FREINDORF, UNTERFELDSTRASSE
3, A-4052 ANSFELDEN, Austria
(72)**Name of Inventor :**
**1)MANFRED HACKL
2)KLAUS FEICHTINGER
3)GERHARD WENDELIN**

(57) Abstract :

The invention relates to a rotor disk (1) for inserting into a receiving container (2) for treating polymers, comprising a disk body (3), on the upper face (4) of which mixing and/or comminuting tools (5) can be provided and on the opposite lower face (6) of which a number of conveying ribs (7) extending from the inside out is provided, by means of which conveying ribs polymer particles can be conveyed outward during operation or which conveying ribs exert a force directed outward from the center (8) of the rotor disk (1) on the polymer particles caught by the conveying ribs (7) during operation. According to the invention, the thickness of the disk body (3) is reduced toward the outside.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2795/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : DUAL RECEPTACLE SYMMETRICAL PACKAGE FOR LIQUIDS

(51) International classification :B65D
(31) Priority Document No :11/935,395
(32) Priority Date :05/11/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/AU2008/001541
Filing Date :17/10/2008
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)STUART, GEOFFREY, C.
Address of Applicant :32 GROSE ROAD,
FAULCONBRIDGE, NWS 2776 (AU) Australia
(72)**Name of Inventor :**
1)STUART, GEOFFREY, C.

(57) Abstract :

A dual receptacle package for liquid material comprises a container. A central ridge formed into the container separates the container into two chambers. The two chambers may contain different material with minimal or no cross-contamination between the chambers. The content of the chambers is dispensed via a single or dual tunnel. The single or dual tunnel is opened into a single or dual orifice opening when a closure for the package is removed.

No. of Pages : 26 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4030/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :05/06/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : ACTIVE CONTROL SURFACES FOR WIND TURBINE BLADES

(51) International classification :F03D
(31) Priority Document No :61/001,999
(32) Priority Date :06/11/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/012584
Filing Date :06/11/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)FLEXSYS INC.

Address of Applicant :A Corporation Of The State Of
Michigan 2006 Hogback Road Suite 7 Ann Arbor MI 48105
United States of America

(72)Name of Inventor :

1)KOTA Sridhar (nmn)

2)ERVIN Gregory F.

3)MARIC Dragan (nmn)

4)ERVIN James D.

5)KEBERLY Paul W.

(57) Abstract :

A wind turbine has a longitudinal airfoil blade that exerts a torque on the generator in response to an impinging air current. A compliant airfoil edge arrangement is disposed along an edge of the airfoil blade for at least a portion of a longitudinal dimension of the airfoil blade. A morphing drive arrangement varies a configuration of the compliant airfoil edge arrangement and consequently the aerodynamic characteristics of the airfoil blade. A drive arrangement applies actuation forces to the upper and lower compliant surfaces via the upper and lower actuation elements. The compliant airfoil edge is arranged as a trailing edge of the airfoil blade.

No. of Pages : 48 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(21) Application No.48/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :11/01/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD FOR CONTROLLING PH, OSMOLALITY AND DISSOLVED CARBON DIOXIDE LEVELS IN A MAMMALIAN CELL CULTURE PROCESS TO ENHANCE CELL VIABILITY AND BIOLOGIC PRODUCT YIELD

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:12/702,428	1)PRAXAIR TECHNOLOGY, INC.
(32) Priority Date	:09/02/2010	Address of Applicant :39 OLD RIDGEBURY ROAD,
(33) Name of priority country	:U.S.A.	DANBURY, CONNECTICUT 06810, UNITED STATES OF
(86) International Application No	:NA	AMERICA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)ALAN T.Y. CHENG
(61) Patent of Addition to Application Number	:NA	2)YING ZHOU
Filing Date	:NA	3)AMITABH GUPTA
(62) Divisional to Application Number	:NA	4)BALAZS HUNEK
Filing Date	:NA	5)NIGEL GRINTER

(57) Abstract :

Methods for controlling the level of dissolved carbon dioxide and limiting osmolality in a mammalian cell culture process to enhance cell growth, viability and density, and increase biologic product concentration and yield are provided. Such control of the level of dissolved carbon dioxide and pH as well as the resulting ability to limit osmolality in a mammalian cell culture process is achieved by adopting alternative pH control strategies and CO₂ stripping techniques during a mammalian cell culture process. Such pH control techniques and carbon dioxide stripping occur without foam and with little or no damage to the mammalian cells.

No. of Pages : 73 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5412/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :27/07/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : An Axle from a Seamless Tube for Railroad Vehicles, and a Process for Manufacturing an Axle from a Seamless Steel Tube for Railroad Vehicles

(51) International classification	:b21k
(31) Priority Document No	:PI0704944-7
(32) Priority Date	:30/11/2007
(33) Name of priority country	:Brazil
(86) International Application No	:PCT/BR2008/000362
Filing Date	:01/12/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)V & M do Brasil S/A
Address of Applicant :Avenida Olinto Meireles 65 Barreiro
30640-010 Belo Horizonte MG Brasil.
(72)**Name of Inventor :**
1)FARIA ANTUNES Ronaldo
2)ANTONIO FILHO Jose

(57) Abstract :

The present invention relates to an axle forged from seamless tubes, with a chemical composition suitable to guarantee high fatigue strength, improved yield strength and tensile strength, and having reduced weight for use on railroad vehicles. The present invention further relates to a process of manufacturing the axle forged from seamless steel tube with high fatigue strength, improved yield strength and tensile strength, and having reduced weight for use on railroad vehicles, which is produced from pig iron or scrap, casting, reheating furnace, perforation of billets, elongation of perforated billets, hollow finishing, forging and finish machining, which includes a supporting and centering chamfer at the inner edge of the inspection bore of the end and smooth recess in the entrance of the threaded bores.

No. of Pages : 56 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6726/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :23/09/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : IMPROVED SUCRALOSE PURIFICATION PROCESS□

(51) International classification	:c07h
(31) Priority Document No	:61/042,068
(32) Priority Date	:03/04/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/
Filing Date	US2009/039105
	:01/04/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TATE & LYLE TECHNOLOGY LIMITED

Address of Applicant :Sugar Quay Lower Thames Street
London EC3R 6DQ U.K.

(72)Name of Inventor :

1)JANSEN ROBERT

2)WALKER GORDON

3)KERR JOHN

4)BAIADA ANTHONY

(57) Abstract :

A process for the extraction of sucralose from an aqueous solution containing at least sucralose, other chlorinated saccharides, sodium chloride and dimethyl ammonium chloride into an organic solvent for sucralose by contacting said organic solvent with said solution to extract sucralose into the organic solvent. The ratio of sodium chloride to dimethylammonium chloride in the aqueous solution is increased prior to or during contact so as to increase the partition coefficient of sucralose into said organic solvent.

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

(54) Title of the invention : A DEVICE FOR AUTOMATIC CHANGEOVER OF ELECTRIC POWER SUPPLY BETWEEN THE MAINS AND A GENERATOR

(51) International classification	:H02H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HAVELLS INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :QRG TOWERS D2 SECTOR 126
(33) Name of priority country	:NA	EXPRESSWAY, NOIDA 2011304 UTTAR PRADESH India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AMEET GUPTA
(87) International Publication No	:NA	2)PARITOSH BHARDWAJ
(61) Patent of Addition to Application Number	:NA	3)ANKUR SETH
Filing Date	:NA	4)ASHISH GUPTA
(62) Divisional to Application Number	:NA	5)GAURAV KAMBOJ
Filing Date	:NA	6)ANUNITA SINHA

(57) Abstract :

The invention relates to a device for automatic changeover of electric power supply between a primary and a secondary power source including current limiting for the both power sources in a compact module with provision for fitment in the existing panel boards, the device comprising of the primary power supply generated from primary power source, a secondary power supply from secondary power source, a controlling circuit comprising a current sensing circuit; a microcontroller, a voltage regulation circuit, a tripping circuit, a phase sensing circuit, a status indication circuit, and a relay circuit to interchange the supply between the primary and the secondary source based on the pre programmed conditions and further connected to the load; where in the controlling circuit is configured to sense the power sources via the electronic circuit by the current sensing circuit and transmitting a corresponding signal by the electronic circuit, the signal representing the current flowing from the power sources; condition the signal by adapting the signal conditioning circuit; generate an output signal when the received signal exceeds a predetermined value which in turn activates the tripping circuit enabling the switching means to operate, a status of exceeding the predetermined value representing a failure of the primary supply source to provide required power; activate the second power source by operating the switching means; and sense the primary supply when resumed and transmit a signal to the switching means which stops the secondary power supply.

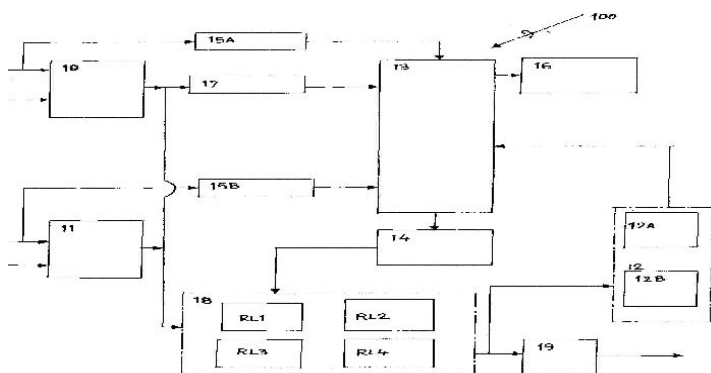


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6816/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :27/09/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : PHOTO BIOREACTOR WITH LIGHT DISTRIBUTOR AND METHOD FOR THE PRODUCTION OF A PHOTOSYNTHETIC CULTURE□

(51) International classification	:c12n
(31) Priority Document No	:PCT/NL2008/050154
(32) Priority Date	:19/03/2008
(33) Name of priority country	:PCT
(86) International Application No	:PCT/NL2008/050604
Filing Date	:15/09/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)FEYECON B.V.
Address of Applicant :Bos en Vaartstraat 11 NL-2012 LG Haarlem The Netherlands.
(72)**Name of Inventor :**
1)WOERLEE Geert Feye
2)SIEWERS Ernst-Jan

(57) Abstract :

The invention provides a photo bioreactor comprising an aqueous liquid comprising a photosynthetic culture and a light distributor (30). Each light distributor has a surface arranged to receive light and a surface arranged to emit at least part of the received light. At least part of the surface is submerged in the aqueous liquid comprising the photosynthetic culture. The walls of the light distributors define a fluid filled cavity.

No. of Pages : 55 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6817/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :27/09/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : PHOTO BIOREACTOR WITH LIGHT DISTRIBUTOR AND METHOD FOR THE PRODUCTION OF A PHOTOSYNTHETIC CULTURE□

(51) International classification	:c12n
(31) Priority Document No	:PCT/NL2008/050154
(32) Priority Date	:19/03/2008
(33) Name of priority country	:PCT
(86) International Application No	:PCT/NL2008/050602
Filing Date	:15/09/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)FEYECON B.V.
Address of Applicant :Bos en Vaartstraat 11 NL-2012 LG Haarlem The Netherlands.
(72)**Name of Inventor :**
1)WOERLEE Geert Feye
2)ELMORE Steven
3)WUBBOLTS Frank Emile

(57) Abstract :

The invention provides a photo bioreactor comprising an aqueous liquid comprising a photosynthetic culture and light distributors (30). Each light distributor has a surface arranged to receive light and a tapered surface arranged to emit at least part of the received light. At least part of the tapered surface is submerged in the aqueous liquid comprising the photosynthetic culture. Light may be distributed efficiently in the aqueous liquid comprising the photosynthetic culture by relatively simple and cheap means. The reactor allows a high illuminated volume fraction.

No. of Pages : 41 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6818/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :27/09/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : PHOTOELECTROCHEMICAL CELL AND ENERGY SYSTEM USING THE SAME□

(51) International classification :h01m
(31) Priority Document No :2008-279415
(32) Priority Date :30/10/2008
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2009/005763
Filing Date :29/10/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)PANASONIC CORPORATION
Address of Applicant :1006 Oaza Kadoma Kadoma-shi
Osaka 571-8501 Japan
(72)Name of Inventor :
1)Takaiki NOMURA
2)Takahiro SUZUKI
3)Kenichi TOKUHIRO
4)Tomohiro KUROHA
5)Noboru TANIGUCHI
6)Kazuhito HATOH
7)Shuzo TOKUMITSU

(57) Abstract :

A photoelectrochemical cell (100) includes: a semiconductor electrode (120) including a conductor (121) and an n-type semiconductor layer (122); a counter electrode (130) connected electrically to the conductor (121); an electrolyte (140) in contact with the surfaces of the n-type semiconductor layer (122) and the counter electrode (130); and a container (110) accommodating the semiconductor electrode (120), the counter electrode (130) and the electrolyte (140). The photoelectrochemical cell (100) generates hydrogen by irradiation of the n-type semiconductor layer (122) with light. In the semiconductor electrode (120), relative to the vacuum level, (I) the band edge levels of the conduction band and the valence band in the surface near-field region of the n-type semiconductor layer (122), respectively, are equal to or higher than the band edge levels of the conduction band and the.....

No. of Pages : 135 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1888/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :14/03/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : A SPECTRUM CODING AND DECODING APPARATUS AND METHODS THEREOF□

(51) International classification	:h04l
(31) Priority Document No	:2003-363080
(32) Priority Date	:23/10/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/016176
Filing Date	:25/10/2004
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2585/DELNP/2006
Filed on	:08/05/2006

(71)**Name of Applicant :**
1)PANASONIC CORPORATION
Address of Applicant :1006 Oaza Kadoma Kadoma-shi
Osaka 5718501 Japan
(72)**Name of Inventor :**
1)Masahiro OSHIKIRI

(57) Abstract :

The present invention relates to a spectrum coding apparatus comprising an acquisition section that acquires a first spectrum which frequency k is in a band of $0 \leq k < FL$; an acquisition section that acquires a second spectrum which frequency k is in a band of $0 \leq k < FH$; an estimation section that estimates the shape of said second spectrum in a band of $FL \leq k < FH$ by the following expression
$$\hat{S}(k) = T S(k)$$
 where $S(k)$ in $0 \leq k < FL$ is the first spectrum, $S(k)$ in $FL \leq k < FH$ is the estimated second spectrum, and T is a pitch coefficient; and a coding section that codes a pitch coefficient minimizing a distortion between the shape of the estimated second spectrum and the shape of said second spectrum in the band of $FL \leq k < FH$.

No. of Pages : 95 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6250/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :03/09/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : SELECTION OF RNA-APTAMERS AS ANTI-MALARIA AGENTS

(51) International classification	:c12n	(71)Name of Applicant :
(31) Priority Document No	:0800262-8	1)INNOVATIONSPATENT SVERIGE AB
(32) Priority Date	:05/02/2008	Address of Applicant :FORSKNINGSBYN IDEON, 223 70
(33) Name of priority country	:Sweden	LUND, SWEDEN
(86) International Application No	:PCT/SE2009/000072	(72)Name of Inventor :
Filing Date	:05/02/2009	1)LINDH Johan
(87) International Publication No	: NA	2)PERSSON Tina
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an aptamer or an active fragment thereof raised against the semi-conserved duffy binding ligand domain 1 \pm , DBL1 \pm , region of the Plasmodium falciparum erythrocyte membrane protein 1, PfEMP1, which aptamer has an effect against malaria, in particular severe cerebral malaria.

No. of Pages : 45 No. of Claims : 12

(54) Title of the invention : DEVICE FOR PROTECTING AGAINST A PHYSICAL PHENOMENON SUCH AS LIGHTNING

(51) International classification :H02G 13/00
 (31) Priority Document No :FR 0951800
 (32) Priority Date :20/03/2009
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2010/000239
 Filing Date :22/03/2010
 (87) International Publication No :WO 2010/106254
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)INDELEC

Address of Applicant :61 CHEMIN DES POSTES, F-59500 DOUAI, FRANCE.

(72)Name of Inventor :

1)LOPEZ, FRANCISCO**2)RINGOT, JEAN****3)FAUVEAUX, SYLVAIN****4)LEFORT, LOUIS-ARNAUD**

(57) Abstract :

The invention relates to a device for protecting against the electric effect of a physical phenomenon capable of inducing the ionisation of the medium in which it occurs, such as lightning. The device includes: means (3, 4, 5) for detecting the on-coming physical phenomenon; at least one physical phenomenon collector (1,2) for collecting the effect of the physical phenomenon; and means (7) for initiating the collection by the collector, capable of generating an ionised channel from the collector and monitored by the detection means. The detection means are electrically insulated from the collector and include a corona effect detector capable of directly detecting a corona effect occurring at the collector. Therefore, by observing the natural ionisation phenomenon or corona effect induced by the on-coming phenomenon and by detecting same, it is possible to trigger the action of the collector at the right moment.

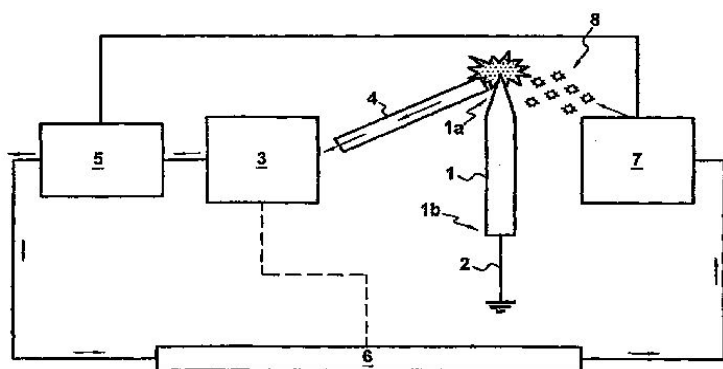


FIG.3

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.685/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :03/02/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : CONCURRENT SACCHARIFICATION AND FERMENTATION OF FIBROUS BIOMASS

(51) International classification :C12P
(31) Priority Document No :60/947,962
(32) Priority Date :04/07/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2008/001249
Filing Date :04/07/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)LIGNOL INNOVATIONS LTD.
Address of Applicant :101-4705 Wayburne Drive Burnaby
British Columbia V5G 3L1 Canada
(72)Name of Inventor :
1)BERLIN Alex
2)PYE Edward Kendall
3)OTMCONNOR Donald

(57) Abstract :

A process for simultaneous saccharification and fermentation of a cellulosic solids fraction extracted from a lignocellulosic feedstock. The viscosity of the cellulosic solids fraction is reduced by intermixing with a liquid carbohydrate stream. A suitable liquid carbohydrate stream is a de-lignified liquids fraction that was previously separated from the solids fraction during processing of the lignocellulosic feedstock. Alternatively, the viscosity of the solids fraction may be reduced by commingling with a liquid carbohydrate stream comprising one or more monosaccharides.

No. of Pages : 31 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6858/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :28/09/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : NOZZLE FOR A LIQUID-COOLED PLASMA BURNER, ARRANGEMENT OF THE LATTER AND A NOZZLE CAP, AND LIQUID-COOLED PLASMA BURNER COMPRISING SUCH AN ARRANGEMENT □ PLASMA BURNER COMPRISING SUCH AN ARRANGEMENT □

(51) International classification	:h05h	(71)Name of Applicant :
(31) Priority Document No	:10 2008 018 530.2	1)KJELLBERG FINSTERWALDE PLASMA UND MASCHINEN GmbH
(32) Priority Date	:08/04/2008	Address of Applicant :Leipziger Strae 82 03238 Finsterwalde
(33) Name of priority country	:Germany	GERMANY
(86) International Application No	:PCT/DE2009/000395	(72)Name of Inventor :
Filing Date	:23/03/2009	1)Frank Laurisch
(87) International Publication No	: NA	2)Volker Krink
(61) Patent of Addition to Application Number	:NA	3)Timo Grundke
Filing Date	:NA	4)Ralf-Peter Reinke
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a liquid-cooled plasma burner, comprising a nozzle bore for the plasma gas jet to exit at a nozzle tip and a first section whose outer surface gradually tapers in the shape of a cone at an angle \hat{I}^{\pm} in the direction of the nozzle tip, except for at least one deflection section that extends in the shape of a cone at an angle \hat{I}^2 in the direction of the nozzle tip. The invention also relates to an arrangement thereof with a nozzle cap and to a plasma burner comprising such an arrangement.

No. of Pages : 43 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1061/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/02/2010

(43) Publication Date : 13/09/2013

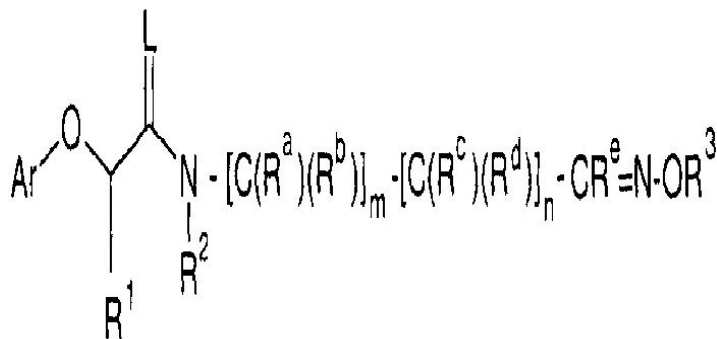
(54) Title of the invention : SATURATED AND INSATURATED BI-OR TRICYCLIC ARYLOXYACETAMIDE DERIVATIVES AND THEIR USE AS FUNGICIDES

(51) International classification :C07D 215/20
(31) Priority Document No :0717256.2
(32) Priority Date :05/09/2007
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2008/007191
Filing Date :03/09/2008
(87) International Publication No :WO 2009/030467
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SYNGENTA PARTICIPATIONS AG
Address of Applicant :SCHWARZWALDALLEE 215, CH-4058 BASEL SWITZERLAND.
(72)Name of Inventor :
1)MURPHY KESSABI FIONA
2)BRUNNER HANS-GEORG
3)BEAUDEGNIES RENAUD
4)QUARANTA LAURA
5)CEDERBAUM FREDERIK
6)UMARYE JAYANT

(57) Abstract :

Compounds of the general formula wherein the substituents are as defined in claim 1, are useful as fungicides.



No. of Pages : 139 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2646/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : LINK PIN EXCHANGING DEVICE FOR WIND TURBINE GENERATOR AND LINK PIN EXCHANGING METHOD

(51) International classification	:F03D
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2010/051953
Filing Date	:10/02/2010
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MITSUBISHI HEAVY INDUSTRIES, LTD.
Address of Applicant :16-5, KONAN 2-CHOME, MINATO-KU, TOKYO 1088215, Japan
(72)**Name of Inventor :**
1)NOBUHIKO YOSHIDA
2)KUNIKAZU WATANABE

(57) Abstract :

A link pin exchanging device for a wind turbine generator that can efficiently carry out exchange of the link pin in the rotor hub, and a link pin exchanging method. The link pin exchanging device comprises an actuator for moving the link pin so that the link pin disengages from the link mechanism, and a reaction force receiving member for receiving a reaction force that acts on the actuator, independent from the wall surface of the rotor hub that intersects with the operating direction of the actuator.

No. of Pages : 39 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5323/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/07/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ALLOWING USER BASED APPLICATION LICENSING ACROSS MULTIPLE WIRELESS COMMUNICATIONS DEVICES

(51) International classification	:h04l
(31) Priority Document No	:10/756,963
(32) Priority Date	:13/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/000823
Filing Date	:11/01/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:4045/DelNP/2006
Filed on	:13/07/2006

(71)**Name of Applicant :**
1)QUALCOMM Incorporated
Address of Applicant :5775 Morehouse Drive San Diego
California 92121-1714 UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)MINEAR Brian
2)KENAGY Jason B.
3)YU Julie
4)OLIVER Mitchell B.
5)SPRIGG Stephen A.

(57) Abstract :

A system and method for a wireless service provider to provide activation of an application by a subscriber who has a plurality of wireless communications devices in a single subscription account. The subscriber can access the application from any one of the wireless communications devices, but only one activation at a time is allowed for each subscription account.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5479/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/07/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : NdFeB SINTERED MAGNET AND METHOD FOR PRODUCING THE SAME□

(51) International classification	:h01f
(31) Priority Document No	:2008-004845
(32) Priority Date	:11/01/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/000068
Filing Date	:09/01/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INTERMETALLICS CO. LTD.
Address of Applicant :1-36 Goryo Ohara Nishikyo-ku
Kyoto-shi Kyoto 6158245 Japan
(72)**Name of Inventor :**
1)SAGAWA Masato
2)FUJIMOTO Naoki

(57) Abstract :

The present invention is aimed at providing a method for producing an NdFeB sintered magnet having a higher coercivity and higher squareness of the magnetization curve than ever before. A method for producing an NdFeB sintered magnet according to the present invention includes the steps of forming a layer containing Dy and/or Tb on the surface of an NdFeB sintered magnet base material and then performing a grain boundary diffusion process for diffusing Dy and/or Tb from the aforementioned layer through the crystal grain boundaries of the magnet base material into the magnet base material by heating the magnet base material to a temperature equal to or lower than the sintering temperature thereof, and this method is characterized in that:.....

No. of Pages : 43 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6714/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :02/09/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : SENSOR FOR DETERMINING VELOCITY

(51) International classification	:G01S 7/41
(31) Priority Document No	:0904149.2
(32) Priority Date	:11/03/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050397
Filing Date	:09/03/2010
(87) International Publication No	:WO 2010/103309
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BAE SYSTEMS PLC
Address of Applicant :6 CARLTON GARDENS, LONDON
SW1Y 5AD, UNITED KINGDOM
(72)**Name of Inventor :**
1)PHILIP TREVELYAN EDWARDS

(57) Abstract :

There is provided a sensor for use generally within the signal processing unit of a radar system. The sensor enables entity returns to be classified according to the velocity of the entity and thus allows returns to be processed according to classification. In particular the sensor comprises a first processing means that filters an input signal using a narrow-band notch filter to output a wideband output. In particular the sensor comprises a second processing means that filters an input signal using a wide-band notch filter to output a narrowband output. The invention provides for the comparison of the outputs to determine how the entity return is to be classified.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6859/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :28/09/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : A CONTROL SYSTEM AND A METHOD FOR REDUNDANT CONTROL OF A WIND TURBINE□

(51) International classification :f03d
(31) Priority Document No :PA 2008 00342
(32) Priority Date :07/03/2008
(33) Name of priority country :Denmark
(86) International Application No :PCT/EP2009/051968
Filing Date :19/02/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VESTAS WIND SYSTEMS A/S
Address of Applicant :Alsvej 21 DK-8940 Randers SV
Denmark
(72)**Name of Inventor :**
1)ORMEL Frank

(57) Abstract :

A control system and a method for controlling operation of a wind turbine are disclosed. A first sensor and a second sensor are arranged for sampling or continuously measuring a first physical value and a second physical value being representative of a first physical impact and a second physical impact on components of the wind turbine in order to provide a first and a second control parameter for controlling operation of the wind turbine. The first and second control parameters are distinct. During active generation of energy the control system is adapted to selectively switch between controlling the operation of the wind turbine either on the basis of the first control parameter or on the basis of the second control parameter, i.e. to selectively switch between two different,.....

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2010

(21) Application No.697/DEL/2010 A

(43) Publication Date : 13/09/2013

(54) Title of the invention : SEMICONDUCTOR DEVICE AND PRODUCTION METHOD THEREFOR

(51) International classification	:H01L
(31) Priority Document No	:2009-73973
(32) Priority Date	:25/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UNISANTIS ELECTRONICS (JAPAN) LTD.

Address of Applicant :2F, FUJILIGHT SHINKAWA BLDG,
22-11, SHINKAWA 1-CHOME, CHUO-KU, TOKYO 104-0033,
JAPAN

(72)Name of Inventor :

1)MASUOKA, FUJIO

2)NAKAMURA, HIROKI

(57) Abstract :

It is an object to allow an inverter to be made up using a single island-shaped semiconductor, so as to provide a semiconductor device comprising a highly-integrated SGT-based CMOS inverter circuit. The object is achieved by a semiconductor device which comprises an island-shaped semiconductor layer, a first gate dielectric film surrounding a periphery of the island-shaped semiconductor layer, a gate electrode surrounding a periphery of the first gate dielectric film, a second gate dielectric film surrounding a periphery of the gate electrode, a tubular semiconductor layer surrounding a periphery of the second gate dielectric film, a first first-conductive-type high-concentration semiconductor layer disposed on top of the island-shaped semiconductor layer, a second first-conductive-type high-concentration semiconductor layer disposed underneath the island-shaped semiconductor layer, a first second-conductive-type high-concentration semiconductor layer disposed on top of the tubular semiconductor layer, and a second second-conductive-type high-concentration semiconductor layer disposed underneath the tubular semiconductor layer.

No. of Pages : 97 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7115/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :08/10/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : USE OF A (1-3)--D-GLUCAN AS AN EMULSION STABILISER□

(51) International classification :c08k
(31) Priority Document No :08152592.5
(32) Priority Date :11/03/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/NL2009/050116
Filing Date :11/03/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)LATEXFALT B.V.
Address of Applicant :Hoogewaard 183 NL-2396 AP
Koudekerk a.d. Rijn The Netherlands
(72)Name of Inventor :
1)LOMMERTS Bert Jan
2)NEDERPEL Quirinus Adrianus
3)SIKKEMA Doetze Jakob
4)PEETERS Joris Wilhelmus

(57) Abstract :

The present invention relates to the use of a (1 \rightarrow 3)- β -D-glucan as an emulsion stabiliser. The present invention further relates to emulsions comprising a (1 \rightarrow 3)- β -D- glucan in an amount of 0.01 to 10 wt.%, based on the total weight of the emulsion. The present invention also relates to bitumen binder compositions comprising a (1 \rightarrow 3)- β -D- glucan in an amount of 0.005 to less than 0.1 wt.%, based on the total weight of the bitumen binder composition. The present invention further relates to emulsions comprising a novel biodegradable emulsifying agent, in particular in combination with a (1 \rightarrow 3)- β -D-glucan.

No. of Pages : 40 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7116/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :08/10/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : HEAT RESISTANT ELECTRET MATERIAL AND HEAT RESISTANT ELECTRET□

(51) International classification :h04r
(31) Priority Document No :2003-277808
(32) Priority Date :22/07/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/010683
Filing Date :21/07/2004
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :483/DELNP/2006
Filed on :27/01/2006

(71)**Name of Applicant :**
1)TOHO KASEI CO. LTD.
Address of Applicant :6-2 Imago-cho Yamatokoriyama-shi
Nara 639-1031 Japan
(72)**Name of Inventor :**
1)Susumu KAWATO
2)Yoshinori OHTA

(57) Abstract :

An electret is produced using a heat resistant electret material containing a fluorocarbon resin, in which a modified polytetrafluoroethylene is used as the fluorocarbon resin. Also, an electret including a metal member and a resin film adhered to a surface of the metal member is produced, in which the resin film contains polytetrafluoroethylene and only a surface on the metal member side of the resin film has been subjected to an adhesion-improving treatment. Thus, it is possible to provide a heat resistant electret exhibiting excellent charge retention ability at high temperatures.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7117/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :08/10/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : ENDOPLASMIC RETICULUM TARGETING LIPOSOMES □

(51) International classification	:a61k
(31) Priority Document No	:61/039,638
(32) Priority Date	:26/03/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/005547
Filing Date	:25/03/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)UNIVERSITY OF OXFORD
Address of Applicant :South Parks Road Oxford OX1 3QU
United kingdom
(72)**Name of Inventor :**
1)POLLOCK Stephanie
2)DWEK Raymond Allen
3)ZITZMANN Nicole

(57) Abstract :

Provided are compositions that include lipid particles, such as liposomes, that can fuse with the ER membrane of a cell. The lipid particles can also deliver a cargo, such as a therapeutic or an imaging agent, encapsulated inside the particles inside the ER lumen of the cell. The compositions can be useful for treating and/or preventing diseases or conditions caused by or associated with a virus, such as viral infections, including HIV and HCV infections.

No. of Pages : 93 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7274/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :13/10/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : CARBOXAMIDE COMPOUNDS FOR THE TREATMENT OF METABOLIC DISORDERS□

(51) International classification :c07d
(31) Priority Document No :61/047,399
(32) Priority Date :23/04/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/041448
Filing Date :22/04/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RIGEL PHARMACEUTICALS INC.
Address of Applicant :1180 Veterans Boulevard South San Francisco CA 94080 United States of America
(72)**Name of Inventor :**
1)YU Jiaxin
2)HONG Hui
3)DARWISH Ihab S.
4)XU Xiang
5)SINGH Rajinder

(57) Abstract :

Disclosed are carboxamide compounds, as well as pharmaceutical compositions and methods of use. One embodiment is a compound having the structure in which R1, R2, R3, R4, D, J, Z, T, p, q, w and x are as described herein. In certain embodiments, a compound disclosed herein activates the AMPK pathway, and can be used to treat metabolism-related disorders and conditions.

No. of Pages : 145 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6727/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :23/09/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : IMIDAZO [4, 5-B] PYRIDINE DERIVATIVES USED AS RAF INHIBITORS□

(51) International classification :c07c
(31) Priority Document No :61/032,801
(32) Priority Date :29/02/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/035379
Filing Date :27/02/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ARRAY BIOPHARMA INC.
Address of Applicant :3200 Walnut Street Boulder Colorado
80301 United States of America
2)GENENTECH INC.
(72)Name of Inventor :
1)AHRENDT Kateri A.
2)BUCKMELTER Alexandre J.
3)GRINA Jonas
4)HANSEN Joshua D.
5)LAIRD Ellen R.
6)NEWHOUSE Brad
7)REN Li
8)WENGLOWSKY Steven M.
9)FENG Bainian
10)MALESKY Kim
11)MATHIEU Simon
12)RUDOLPH Joachim
13)WEN Zhaoyang
14)YOUNG Wendy B.
15)MORENO David A.

(57) Abstract :

Compounds of Formula I are useful for inhibition of Raf kinases. Methods of using compounds of Formula I and stereoisomers and pharmaceutically acceptable salts thereof, for in vitro, in situ, and in vivo diagnosis, prevention or treatment of such disorders in mammalian cells, or associated pathological conditions are disclosed.

No. of Pages : 90 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6728/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :23/09/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : N- (6-AMINOPYRIDIN-3-YL) -3- (SULFONAMIDO) BENZAMIDE DERIVATIVES AS B-RAF INHIBITORS FOR THE TREATMENT OF CANCER□

(51) International classification :a61k
(31) Priority Document No :61/032,795
(32) Priority Date :29/02/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/035383
Filing Date :27/02/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ARRAY BIOPHARMA INC.
Address of Applicant :3200 Walnut Street Boulder Colorado
80301 United States of America
2)GENENTECH INC.
(72)Name of Inventor :
1)AHRENDT Kateri A.
2)BUCKMELTER Alexandre J.
3)GRINA Jonas
4)HANSEN Joshua D.
5)LAIRD Ellen R.
6)NEWHOUSE Brad
7)REN Li
8)WENGLOWSKY Steven Mark
9)FENG Bainian
10)MALESKY Kim
11)MATHIEU Simon
12)RUDOLPH Joachim
13)WEN Zhaoyang
14)YOUNG Wendy B.
15)MORENO David A.

(57) Abstract :

Compounds of Formula (I) are useful for inhibition of Raf kinases. Methods of using compounds of Formula I and stereoisomers and pharmaceutically acceptable salts thereof, for in vitro, in situ, and in vivo diagnosis, prevention or treatment of such disorders in mammalian cells, or associated pathological conditions are disclosed.

No. of Pages : 75 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6729/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :23/09/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : EFFECT OF CARBOHYDRATE CONCENTRATION ON SUCRALOSE EXTRACTION EFFICIENCY□

(51) International classification	:c07h
(31) Priority Document No	:61/042,103
(32) Priority Date	:03/04/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/
Filing Date	US2009/039102
	:01/04/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TATE & LYLE TECHNOLOGY LIMITED
Address of Applicant :Sugar Quay Lower Thames Street
London EC3R 6DQ U.K.
(72)**Name of Inventor :**
1)WILEY JAMES EDWIN
2)MICINSKI EDWARD

(57) Abstract :

A process for the purification of aqueous feed streams containing sucralose comprises: a) extracting an aqueous feed stream comprising sucralose with a first organic solvent and producing a first organic extract and a first aqueous extract, in which the organic solvent is immiscible with water, and a portion of the sucralose passes into the first organic extract; b) optionally extracting the first organic extract with an aqueous solvent to produce a second organic extract and a second aqueous extract, in which the sucralose preferentially passes into the second aqueous extract, and in which the second aqueous extract is recycled to step a); c) concentrating the first aqueous extract to form a concentrated aqueous feed stream; and d) extracting the concentrated aqueous feed stream with a second organic solvent and producing a third organic extract.....

No. of Pages : 30 No. of Claims : 32

(54) Title of the invention : SUSPENSION CONTAINING HYDRONIUM STABILIZED COLLOIDAL SILICIC ACID NANOPARTICLES, FORMULATION OBTAINED FROM THE SAID DILUTED SUSPENSION, POWDER OBTAINED FROM THE SAID DEHYDRATED SUSPENSION, COMPOSITIONS OBTAINED FROM THE SAID POWDER, PREPARATION AND USE □

(51) International classification	:c01b	(71)Name of Applicant :
(31) Priority Document No	:PCT/EP2008/054643	1)JISBREY S.A.
(32) Priority Date	:17/04/2008	Address of Applicant :Solano Antuna 2731 Office 2
(33) Name of priority country	:PCT	Montevideo 11600 (UY); Uruguay
(86) International Application No	:PCT/EP2009/054515	2)AQUARIUS INVESTHOLDING SARL
Filing Date	:16/04/2009	(72)Name of Inventor :
(87) International Publication No	: NA	1)SUVEE Ivo
(61) Patent of Addition to Application	:NA	2)TOURGIS Guillaume
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to hydronium stabilized silicic acid nanoparticles, to the formulation obtained from the said diluted suspension, to the powder obtained from the said dehydrated suspension and to the preparation or dosage form obtained from the said suspension, formulation or powder, to their preparation and their use in all kinds of applications in the domains of food, medicine, pharmaceuticals, cosmetics. The present invention provides a stable suspension of colloidal silicic acid nanoparticles having a pH lower than 0.9, a molar silicon concentration between 0.035 and 0.65, a free water concentration of at least 30% (w/v) and a ratio between hydronium ion and Si molar concentrations higher than 2 and preferably inferior to 4.....

No. of Pages : 34 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7323/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :15/10/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : ENERGY STORAGE DEVICE COMPRISING A FLYWHEEL □

(51) International classification :h02k

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/IB2008/053123

Filing Date :07/04/2008

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ENERGIESTRO

Address of Applicant :1 rue du Haut-Perreux F-28200 Conie-
molitard FRANCE.

(72)Name of Inventor :

1)GENNESSEAUX Andr Ren Georges

(57) Abstract :

Energy storage device (8) comprising a flywheel (1) a stator arrangement (7) and a housing (6). The flywheel (1), rotatably mounted around a rotation axis (X), comprises a shaft (2), a plurality of adjacent magnetic plates (3) with magnetic poles (31), two kinetic plates (4,5), sandwiching the magnetic plates. The magnetic plates and kinetic plates are rotationally rigid with said shaft. The stator arrangement comprises a plurality of induction coils (72,73) cooperating with the magnetic poles.

No. of Pages : 25 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5465/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :29/07/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : MULTI-FUNCTION CATHETER AND USE THEREOF

(51) International classification	:a61d
(31) Priority Document No	:11/971,859
(32) Priority Date	:09/01/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/030434
Filing Date	:08/01/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VASCULAR DESIGNS INC.

Address of Applicant :4960 ALMADEN EXPRESSWAY,
SAN JOSE, CALIFORNIA, 95110, UNITED STATES OF
AMERICA

(72)Name of Inventor :

1)GOLDMAN Robert J.

(57) Abstract :

A catheter for delivering an agent to an area of treatment is presented. The catheter includes a catheter body, a balloon assembly coupled to the catheter body, a first lumen, and a second lumen. The balloon assembly has spaced-apart balloons that define an area between the balloons. The first lumen extends along the catheter body to pass an inflation material to the balloons to control an inflation level of the balloons. The second lumen extends along the catheter body and having an outlet in the area between the balloons. There may be a third lumen for bypassing a biological fluid such as blood while the catheter is being used. The method of using this catheter is also presented. The method entails simultaneously inflating the balloons to isolate a treatment area and adding an agent to the treatment area through one of the lumens.

No. of Pages : 44 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5466/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :29/07/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : VIBRATION HAMMER

(51) International classification	:e21b
(31) Priority Document No	:10-2008-0001925
(32) Priority Date	:07/01/2008
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2008/007880
Filing Date	:31/12/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)IN Suk Shin

Address of Applicant :101-1405 Jungheung S-CLASS Apt.
976 Jungheung-dong Buk-gu Gwangju 500-040 Republic of Korea

(72)Name of Inventor :

1)IN Suk Shin

(57) Abstract :

A vibration hammer is provided, including a main body; a striking unit having a piston housing installed to be elevated by a hydraulic pressure controlling valve unit installed in the main body, a hammer guide slidably installed on the main body to be coaxial with the piston housing, and a piston having both ends fixed to the piston housing and a hammer guide and elastically deformable at a predetermined angle with an elevating direction of the piston housing; and a rotating unit installed in the main body and reciprocally rotating the hammer guide elevated together with the piston. The vibration hammer can prevent the piston from being damaged by being elastically deformed when a lateral pressure applied to the rod connected to the piston.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6543/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/09/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : TREATMENT OF ENERGY UTILIZATION DISEASE

(51) International classification	:a61k
(31) Priority Document No	:0802903.5
(32) Priority Date	:18/02/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/000417
Filing Date	:17/02/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SUMMIT CORPORATION PLC
Address of Applicant :91 Milton Park Abingdon Oxfordshire
OX14 4RY United kingdom
(72)**Name of Inventor :**
1)Robert James NASH
2)Francis Xavier WILSON
3)Graeme HORNE

(57) Abstract :

Described are compositions comprising imino sugar acids for the treatment of energy utilization disease (e.g. metabolic syndrome, including any disease or disorder associated therewith, for example central obesity, elevated levels of triglycerides and diabetes, including type 1 diabetes, type 2 diabetes and insulin resistance), processes for producing said compositions from various plant sources, together with various products, compounds, compositions, medical uses and methods based thereon.

No. of Pages : 86 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6544/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/09/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : SYSTEM FOR LEARNING AND MIXING MUSIC

(51) International classification :g06q
(31) Priority Document No :61/030,174
(32) Priority Date :20/02/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/001105
Filing Date :20/02/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OEM, LLC
Address of Applicant :7095 HOLLYWOOD BLVD., NO.
1007 HOLLYWOOD, CA 90028, UNITED STATES OF
AMERICA
(72)**Name of Inventor :**
1)Scott HUMPHREY

(57) Abstract :

The teachings described herein are generally directed to a system, method, and apparatus for learning music through an educational audio track embodied on a computer readable medium. The system can comprise components including a processor, an input device, a database, a transformation module, an emulation recording module, an integration engine, an output module, and an output device, wherein each component is operable in itself to perform its function in the system and operable with other system components to provide a system to a user for learning music.

No. of Pages : 64 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.74/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :04/01/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : CONTROL SYSTEM FOR POWER TRANSMISSION UNIT

(51) International classification :H02J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2010/051133
Filing Date :28/01/2010
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TOYOTA JIDOSHA KABUSHIKI KAISHA
Address of Applicant :1, TOYOTA-CHO, TOYOTA-SHI,
AICHI, 471-8571 Japan
(72)Name of Inventor :
1)IJICHI AKIRA
2)SAITO TATSUYA
3)SANO TOSHINARI
4)YOSHIDA MICHIO

(57) Abstract :

To provide a control system for a power transmission unit capable of utilizing energy of exhaust gas generated in an internal combustion engine. The control system for a power transmission unit according to the present invention comprises: a power transmission unit 12 to which a power is inputted; movable members 17 and 20 arranged in a movable manner to control a power transmitting condition of the power transmission unit 12; and pressure chambers 18 and 21 to which a pressure is transmitted to generate a force to be applied to the movable member 17 and 20; an internal combustion engine 2, which is adapted to output power by converting thermal energy resulting from burning fuel into kinetic energy; and a fluid pressure feeding device 23, which is driven by the kinetic energy of exhaust gas resulting from burning fuel to feed the fluid to the pressure chambers 18 and 23.

No. of Pages : 35 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2860/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :23/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : VIDEO ENCODING DECODING METHOD AND DEVICE AND VIDEO CODEC

(51) International classification :H04N
(31) Priority Document No :200710175991.7
(32) Priority Date :17/10/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2008/072653
Filing Date :10/10/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Huawei Device Co. Ltd.
Address of Applicant :Building 2 Zone B Huawei Industrial
Base Bantian Longgang District Shenzhen Guangdong 518129
P. R. China.
(72)**Name of Inventor :**
1)FANG Ping
2)WANG Jing
3)LIU Yuan
4)LI Kai

(57) Abstract :

A video encoding decoding method and device and a video codec are provided. The video encoding method includes the following steps. A first view picture is basic-layer encoded as a reference view picture, prediction information is extracted in combination with a second view picture, and the second view picture is re-created. A residual value is calculated according to a re-created second view picture and the original second view picture. When the residual value is greater than a threshold, both the residual value and the prediction information are enhanced-layer encoded simultaneously; otherwise, only the prediction information is enhanced-layer encoded. Encoded information is obtained by multiplexing the enhanced-layer encoding with the basic-layer encoding of the first video picture. The video decoding method includes the following steps. After de-multiplex, basic-layer encoded information and enhanced-layer encoded information are decoded respectively to obtain a first view picture, prediction information, and a residual value, and then a second view picture is re-created. The embodiments of the invention can realize the effective compression of stereo video data, reduce an encoding complexity, and are compatible with the conventional two dimensional displaying, so as to correctly and easily re-create a stereo view picture.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6337/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :07/09/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : GUIDE DEVICE FOR SUPPORTING AN UNDERWATER PIPELINE, LAYING RAMP COMPRISING SUCH A GUIDE DEVICE, LAYING VESSEL EQUIPPED WITH SUCH A LAYING RAMP, AND METHOD OF CONTROLLING AN UNDERWATER- PIPELINE LAYING RAMP□

(51) International classification	:f16l	(71)Name of Applicant :
(31) Priority Document No	:MI2008A000205	1)SAIPEM S.P.A.
(32) Priority Date	:08/02/2008	Address of Applicant :Via Martiri di Cefalonia 67 San Donato
(33) Name of priority country	:Italy	Milanese Italy
(86) International Application No	:PCT/IB2009/000216	(72)Name of Inventor :
Filing Date	:06/02/2009	1)BRUSCHI Roberto
(87) International Publication No	: NA	2)SIGNAROLDI Teresio
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A guide device (35), for supporting an underwater pipeline (2) along a feed path (Pl) as it is being laid, is fitted to a laying ramp (6), and has a cradle (36) housing the pipeline (2); a frame (37) fixed to the laying ramp (6); and a spacer mechanism (38) located between the frame (37) and the cradle (36) to selectively adjust the distance between the cradle (36) and the frame (37), and having a shock absorber (66) connected to the cradle (36).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6492/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :15/09/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD SYSTEM AND DEVICE FOR TREATMENT OF WATER□

(51) International classification	:c02f
(31) Priority Document No	:61/029,095
(32) Priority Date	:15/02/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/AU2009/000168
Filing Date	:16/02/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)IOGENYX PTY LTD
Address of Applicant :Box 123 Park Orchards Victoria 3114
Australia
(72)**Name of Inventor :**
1)Andrew Peter MUSSON

(57) Abstract :

The present invention provides electrolytic methods for the remediation of water. An aspect of the invention provides an electrolytic method for treatment of water having organic and/or inorganic impurities therein, the method including: (a) contacting the water with at least one first electrode device; (b) providing at least one second electrode device in non-physical, electrical contact with the water; and (c) passing an electric current between the second electrode device and the first electrode device, so as to establish an electric field in the water of sufficient strength and duration to effect one or both of the following processes: (i) localise concentrations of the inorganic impurities to facilitate their separation from the water, and (ii) electrolytic dissociation of water to produce dissolved

No. of Pages : 41 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.751/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :03/02/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR CONTROLLING INTEGRATED AIR CONDITIONING SYSTEMS

(51) International classification :F25B 5/04

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2007/020170

Filing Date :18/09/2007

(87) International Publication No :WO 2009/038552

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)CARRIER CORPORATION

Address of Applicant :CARRIER WORLD
HEADQUARTERS, ONE CARRIER PLACE, FARMINGTON,
CT 06034-4015 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)PHAM BATUNG

2)DELPECH PIERRE

3)RIGAL PHILIPPE

(57) Abstract :

An integrated air conditioning system having a first air conditioning unit having a first evaporator with a first input and a first output; a second air conditioning unit having a second evaporator with a second input and a second output; a first conduit fluidly connecting the first input with the second output; a second conduit fluidly connecting the second input with the first output. The first and second conduits and the first and second evaporators form a working fluid circuit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5824/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/08/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD FOR PRODUCING A CRUNCHY FOOD PRODUCT□

(51) International classification	:a23l
(31) Priority Document No	:12/033,665
(32) Priority Date	:19/02/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/034200
Filing Date	:16/02/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FRITO-LAY NORTH AMERICA INC.

Address of Applicant :7701 Legacy Drive Plano Texas
75024-4099 United States of America

(72)Name of Inventor :

1)LAWSON Genevieve Barnard

2)LYKOMITROS DIMITRIIS

3)SMITH Richard Todd

(57) Abstract :

A food producing method used in panning for delivering enhanced nutrition benefits and for decoupling adhesion and texture and the resulting product. First a plurality of center portions are obtained and introduced into a mixer. Then primary slurry is added followed by a dry mix which adheres to said center portions. Next, a secondary slurry is prepared which provides the adhesiveness required to adhere inclusions to the center portion. The use of a secondary slurry allows the decoupling of adhesion and texture whereby a softer product is produced which does not yield a hard, glassy texture.

No. of Pages : 22 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5966/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :23/08/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR ROUTING CALLERS TO AN AGENT IN A CONTACT CENTER

(51) International classification	:h04m
(31) Priority Document No	:12/021,251
(32) Priority Date	:28/01/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/077042
Filing Date	:19/09/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)THE RESOURCE GROUP INTERNATIONAL LTD
Address of Applicant :Milner House 18 Parliament Street
Hamilton HM FX Bermuda
(72)**Name of Inventor :**
1)CHISHTI Zia
2)SPOTTISWOODE Stuart J.
3)JONES Chris W.

(57) Abstract :

Methods are disclosed for routing callers to agents in a contact center, along with an intelligent routing system. One or more agents are graded on achieving an optimal interaction, such as increasing revenue, decreasing cost, or increasing customer satisfaction. Callers are then preferentially routed to a graded agent to obtain an increased chance at obtaining a chosen optimal interaction. In a more advanced embodiment, caller and agent demographic and psychographic characteristics can also be determined and used in a pattern matching algorithm to preferentially route a caller with certain characteristics to an agent with certain characteristics to increase the chance of an optimal interaction.

No. of Pages : 55 No. of Claims : 125

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6657/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :01/09/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : INHIBITORS OF VIRAL INTEGRASE AND METHODS OF USE

(51) International classification	:C07K 9/003
(31) Priority Document No	:61/161,469
(32) Priority Date	:19/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027870
Filing Date	:18/03/2010
(87) International Publication No	:WO 2010/108040
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INTEGRATECH PROTEOMICS, LLC
Address of Applicant :3721 EAST CERES DRIVE, SALT LAKE CITY, UTAH 84124, UNITED STATES OF AMERICA
2)THE UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)TANYA SANDROCK
2)ROBERT CRAIGIE

(57) Abstract :

Described herein are compositions and methods for inhibiting HIV integrase activity. Also described are method of identifying agents that inhibit HIV integrase for use in treating or preventing HIV. Also disclosed are methods of identifying agents that inhabit HIV viral mutants that are resistant to integrase inhibitors.

No. of Pages : 51 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7372/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/10/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : CARBON-BASED MATERIALS DERIVED FROM LATEX□

(51) International classification	:c08j
(31) Priority Document No	:0801639
(32) Priority Date	:26/03/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/000332
Filing Date	:26/03/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HUTCHINSON

Address of Applicant :2 Rue Balzac 75008 Paris FRANCE.

(72)Name of Inventor :

1)SONNTAG Philippe

2)AYME-PERROT David

3)SIMON Jean-Michel

4)WALTER Serge

(57) Abstract :

Organic gels of resorcinol-formaldehyde type, carbon-based materials of adjusted porosity derived therefrom by pyrolysis. Such materials may be used, in particular, for the production of electrodes.

No. of Pages : 33 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7694/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :29/10/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : "COMPOSITIONS BASED ON POLYMER/HYDROGEN PEROXIDE COMPLEXES AND USES THEREOF";

(51) International classification :a61k
(31) Priority Document No :0852951
(32) Priority Date :30/04/2008
(33) Name of priority country :France
(86) International Application No :PCT/FR2009/050807
Filing Date :30/04/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LTM Oreal
Address of Applicant :French body corporate of 14 rue Royale
F 75008 Paris FRANCE.
(72)**Name of Inventor :**
1)BERNARD Anne-Laure
2)BORDEAUX Dominique

(57) Abstract :

The invention relates to a cosmetic assembly for improving the appearance of the skin, comprising a first anhydrous composition comprising a polymer- H₂O₂ complex, said polymer having hydrogen-bond acceptor groups which are capable of forming a noncovalent chemical bond with hydrogen peroxide, and a second composition comprising an activator which promotes the decomposition of H₂O₂.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7695/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :01/11/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : Simplified Method for Digestion of Cellulosic Biomass

(51) International classification	:c08b
(31) Priority Document No	:61/041,379
(32) Priority Date	:01/04/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/038993
Filing Date	:31/03/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Biomass Conversions LLC

Address of Applicant :c/o Russell Roten 633 West 5th Street
Suite 4600 Los Angeles CA 90071 UNITED STATES OF
AMERICA

(72)Name of Inventor :

1)HATA Seiji

(57) Abstract :

The inventive process converts cellulosic biomass into a gel-like state that is readily hydrolyzed by appropriate enzymes. First the biomass is mechanically reduced in size. The biomass is then mixed and kneaded with an aqueous solution of a hydrophilic polymer that acts as a conditioning agent or as a co-solvent. During mixing the cellulose (and hemicellulose) in the biomass swells and becomes hydrated forming a viscous gel-like material. The processed material can then be thinned through the addition of water whereupon hydrolytic enzymes are mixed into the material and rapid hydrolysis into free sugars takes place. Dextrins are effective hydrophilic polymers for conditioning biomass. Polyvinyl alcohol is a particularly effective conditioning agent for use with biomass when converted into a viscous gel by adding borate ions.

No. of Pages : 28 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4824/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :03/07/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : INOSINE PRODUCING MICROORGANISM BELONGING TO THE GENUS CORYNEBACTERIUM AND PROCESS OF PRODUCING INOSINE USING THE SAME

		(71)Name of Applicant : 1)CJ CHEILJEDANG CORP. Address of Applicant :500 Namdaemunro5-ga Jung-gu Seoul 100-749 Republic of Korea
(51) International classification	:c12n	(72)Name of Inventor : 1)KIM Chul Ha 2)CHOI Jong Soo 3)KIM Jeong Hwan 4)KIM Hyoung Seok 5)KWON Jung Gun 6)AHN Tae Min 7)HWANG Soo Youn 8)SIM Jae Ick 9)BAEK Min Ji 10)KWON Na Ra 11)CHOI Hye Jin
(31) Priority Document No	:10-2008-0001441	
(32) Priority Date	:04/01/2008	
(33) Name of priority country	:Republic of Korea	
(86) International Application No	:PCT/KR2009/000017	
Filing Date	:02/01/2009	
(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	

(57) Abstract :

A microorganism of the genus Corynebacterium having the ability to produce inosine in which the inosine catabolic pathway is blocked and that has a leaky adenine auxotrophic phenotype and further has a leaky guanine auxotrophic phenotype and a method of producing inosine, the method including culturing the microorganism of the genus Corynebacterium are disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5949/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :20/08/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : Self-Sealing Method

(51) International classification	:b65g
(31) Priority Document No	:0801170.2
(32) Priority Date	:23/01/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/000234
Filing Date	:23/01/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Heriot-Watt University

Address of Applicant :Riccarton Edinburgh EH14 4AS
United kingdom

(72)Name of Inventor :

1)SEDEH Mehran Sohrabi

2)JAMIOLAHMADY Mahmoud

(57) Abstract :

A method of sealing a leak of fluid from a container comprises introducing a solute to a body of fluid within the container. The solute is selected so as to be soluble in the fluid at the expected conditions prevailing inside the container, and insoluble when the pressure experienced by the fluid is reduced at the site of a leak.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5950/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :20/08/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : IMMUNOGENIC INFLUENZA COMPOSITION

(51) International classification	:a61k
(31) Priority Document No	:61/030,255
(32) Priority Date	:21/02/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/034797
Filing Date	:20/02/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BIOLOGICAL MIMETICS INC.
Address of Applicant :124 Byte Drive Frederick MD 21702
United States of America
(72)**Name of Inventor :**
1)NARA Peter L.
2)TOBIN Gregory J.
3)LIN George

(57) Abstract :

Novel compositions useful as influenza immunogens are provided. The compositions enable a host response to immunogen sites normally not recognized by a host.

No. of Pages : 32 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5951/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :20/08/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : A SUBMERSIBLE AQUATIC ALGAE CULTIVATION SYSTEM

(51) International classification	:a01g	(71)Name of Applicant :
(31) Priority Document No	:61/011,932	1)BUSSELL Stuart
(32) Priority Date	:23/01/2008	Address of Applicant :2385 Avenida Helecho Carlsbad CA
(33) Name of priority country	:U.S.A.	92009 United States of America
(86) International Application No	:PCT/US2009/000455	(72)Name of Inventor :
Filing Date	:23/01/2009	1)BUSSELL Stuart
(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 :

Floating ponds for the cultivation of algae are disclosed. The floating ponds consist of a buoyant framework, a liner, a culture, and a mooring system. Submersible floating ponds are disclosed with a buoyant framework built from tubes that may be filled or partially filled with, for example, air, or water, or the surrounding water, or the culture, and thereby the present invention provides a framework in which the buoyancy may be modulated. Use of submerging lines and spools are disclosed to control the orientation and depth of the floating pond during submersion.

No. of Pages : 44 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5952/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :20/08/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : ROTARY PISTON MACHINE

(51) International classification	:f04c
(31) Priority Document No	:10 2008 012 374.9
(32) Priority Date	:26/02/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/000860
Filing Date	:07/02/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HUETTLIN Herbert
Address of Applicant :Daimlerstrasse 7 79585 Steinen
Germany
(72)**Name of Inventor :**
1)HUETTLIN Herbert

(57) Abstract :

A rotary piston machine has a housing (12) in which is arranged at least one first piston (22) which can rotate about a rotational axis (30) fixed with respect to the housing and which, as it rotates about the rotational axis (30) performs reciprocating movements between an end position close to the rotational axis (30) and an end position remote from the rotational axis (30)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5953/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :20/08/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : VACUUM DEGASSING APPARATUS AND VACUUM DEGASSING METHOD FOR MOLTEN GLASS

		(71)Name of Applicant : 1)Asahi Glass Company Limited Address of Applicant :5-1, MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO 100-8405, Japan 2)Asahi Glass Company Limited 3)Asahi Glass Company Limited
(51) International classification	:c03b	(72)Name of Inventor : 1)NISHIKAWA Toru 2)NISHIKAWA Toru 3)NISHIKAWA Toru 4)YAMAMICHI Hironobu 5)YAMAMICHI Hironobu 6)YAMAMICHI Hironobu 7)KOYAMA Tetsuya 8)KOYAMA Tetsuya 9)KOYAMA Tetsuya 10)ENDO Yuji 11)ENDO Yuji 12)ENDO Yuji 13)ITOH Hajime 14)ITOH Hajime 15)ITOH Hajime
(31) Priority Document No	:2008-046247	
(32) Priority Date	:27/02/2008	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2009/052810	
Filing Date	:18/02/2009	
(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 vacuum degassing apparatus and a vacuum degassing method for molten glass, which can suppress generation of bubbles on an interface between molten glass and a wall face of a conduit for molten glass such as a vacuum degassing vessel, an uprising pipe or a downfalling pipe that constitute a vacuum degassing apparatus, or influence of lowering of vacuum degassing effect due to rise of the level of molten glass in the vacuum degassing vessel, and which can stably exhibit the effect of vacuum degassing.

No. of Pages : 50 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7820/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :04/11/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : A VERTICAL WIND TURBINE HAVING BLADES WITH VARYING GEOMETRY□

(51) International classification :f03d

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/SE2008/050713

Filing Date :13/06/2008

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)VERTICAL WIND AB

Address of Applicant :Sylveniusgatan 5D S-754 50 Uppsala

SWEDEN

(72)Name of Inventor :

1)BERNHOFF Hans

(57) Abstract :

The invention relates to a wind turbine with vertical axis and having a plurality of axially extending turbine blades (2). According to the invention the structure of each blade varies along the axial extension of the blade (2). The invention also relates to the use of the wind power unit for generating.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2080/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :18/03/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : A PHARMACEUTICAL COMPOSITION COMPRISING FUCAN□

(51) International classification	:a61k
(31) Priority Document No	:60/315,362
(32) Priority Date	:29/08/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2002/001337
Filing Date	:29/08/2002
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:515/DELNP/2004
Filed on	:03/03/2004

(71)Name of Applicant :

1)THE UNIVERSITY OF BRITISH COLUMBIA

Address of Applicant :University-Industry Liaison Office
103-6190 Agronomy Road Vancouver British Columbia V6T
1Z3 Canada

(72)Name of Inventor :

1)JACKSON John Kevin

2)BURT Helen Mary

(57) Abstract :

The present invention relates to a composition useful in the treatment of adhesions, wherein said composition comprises (a) a fucan in the range of 0.1 to 35% w/v of the composition and (b) an excipient.

No. of Pages : 27 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2081/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :18/03/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : HUMAN NOTCH3 BASED FUSION PROTEINS AS DECOY INHIBITORS OF NOTCH3 SIGNALING □

(51) International classification	:a61k
(31) Priority Document No	:61/189,930
(32) Priority Date	:22/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/004765
Filing Date	:21/08/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK

Address of Applicant :West 116th and Broadway New York NY 10027 United States of America

(72)Name of Inventor :

1)KITAJEWSKI Jan

2)SHAWBER Carrie

(57) Abstract :

This invention provides a fusion protein comprising a signal peptide, EGF repeats 1-X of the extracellular domain of human Notch3 receptor protein wherein X is any integer from 12 to 34, and an Fc portion of an antibody bound thereto. This invention also provides a method for treating a subject having a tumor, a method for inhibiting angiogenesis in a subject, a method for treating a subject having ovarian cancer, and a method for treating a subject having a metabolic disorder, comprising administering to the subject an amount of the above fusion protein effective to treat the subject. This invention further provides uses of the above fusion protein for the preparation of a pharmaceutical composition for the treatment of a subject having a tumor, for inhibiting angiogenesis in a subject, for treating a subject having ovarian cancer, and for treating a subject having a metabolic disorder.

No. of Pages : 163 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5170/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :17/07/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : DC SWITCH

(51) International classification	:h02h
(31) Priority Document No	:2007-341331
(32) Priority Date	:28/12/2007
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2008/073307
Filing Date	:22/12/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PANASONIC CORPORATION
Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA, Japan
(72)**Name of Inventor :**
1)Hiroaki KOSHIN
2)Takuya KAGAWA

(57) Abstract :

The DC switch includes a housing (2) provided with a power connection terminal (2a) adapted in use to be connected to a power source, and a load connection terminal (2b) adapted in use to be connected to a load. A contact unit (1) is interposed between the power connection terminal (2a) and the load connection terminal (2b). The contact unit (1) has mechanical contacts (10), and a semiconductor switch (11) serially connected to the mechanical contacts (10). The DC switch further includes a switching mechanism unit (3) having an operating handle (30) used for manual operation and movably attached to the housing (2), a position detection unit (4) configured to detect an operating position of the operating handle (30), and a control unit (7). The switching mechanism unit (3) is configured to open and close the mechanical contacts

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5171/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :17/07/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : SMALL MOLECULES AND PROTEIN ANALYSIS DEVICES BASED ON MOLECULAR IMPRINTED POLYMERS

(51) International classification	:c12m
(31) Priority Document No	:61/016,829
(32) Priority Date	:27/12/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2008/001688
Filing Date	:28/12/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)INFIGO DIAGNOSTICS LTD.

Address of Applicant :Ha Gavish 4A P.O.B 8027 42101
Netanya Israel

(72)Name of Inventor :

1)Raphael LEVI

2)Ido MARGALIT

3)Yarden DLOOMY

(57) Abstract :

Devices, methods and kits for rapid and simple determination of target molecules, including small molecules, polypeptides, proteins, cells and infectious disease agents in liquid samples that are capable of real-time measurement of these entities in fluid samples that are highly selective, highly sensitive, simple to operate, low cost, and portable. The devices, methods and kits also provide, in at least some embodiments, the use of MIPs in a flow through or lateral flow device.

No. of Pages : 75 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8216/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/11/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : TREPROSTINIL MONOHYDRATE□

(51) International classification	:c07c
(31) Priority Document No	:61/051,509
(32) Priority Date	:08/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/002818
Filing Date	:07/05/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UNITED THERAPEUTICS CORPORATION

Address of Applicant :1040 Spring Street Silver Spring
Maryland 20910 United States of America

(72)Name of Inventor :

1)WALSH DAVID A.

(57) Abstract :

There is provided a stable monohydrate form of treprostinil and pharmaceutical formulation comprising the same, method of making and using the same.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8217/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/11/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : DISTRIBUTOR WITH A ROTATABLE U-SHAPED CONNECTING CHANNEL □

(51) International classification :f16k
(31) Priority Document No :2001560
(32) Priority Date :06/05/2008
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2009/050242
Filing Date :05/05/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BRAVILOR HOLDING B.V.
Address of Applicant :Pascalstraat 20 NL-1704 RD
Heerhugowaard The Netherlands
(72)Name of Inventor :
1)Noordanus Maximiliaan
2)VAN ELJNATTEN Eric Michaeł Cornelis Maria

(57) Abstract :

Distributor (5) with at least two discharge channels (10,16) and feed channel (11) arranged at an equal distance from and parallel to a central shaft and a distributor body (12,17,18) arranged rotatably around the shaft with a feed end (12) disposed along the shaft and a discharge end (12) disposed at a radial distance therefrom, which, by way of rotation of the distributor body can be selectively and fluidly connected with the respective discharge channels, wherein the fluid feed channel extends along the central shaft and along the discharge channels, wherein the distributor body comprises a U-shaped connecting channel (12) and can be arranged together with the feed end rotatably in the line of projection of the feed channel in fluid connection with the respective discharge channels,.....

No. of Pages : 13 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7873/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :08/11/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : FENUGREEK EXTRACT FOR TREATING HUMAN AND ANIMAL DISEASES INVOLVING FLAGELLATE PARASITES

(51) International classification	:a61k
(31) Priority Document No	:0853068
(32) Priority Date	:13/05/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/050780
Filing Date	:28/04/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Setubio SAS

Address of Applicant :Bioparc Vichy Hauterive 03270
HAUTERIVE FRANCE.

(72)Name of Inventor :

1)SERGERE Jean-Christophe

2)VIVARES Christian

(57) Abstract :

The invention relates to the use of a fenugreek extract to obtain a composition for the preventive or curative treatment of human or animal diseases involving flagellate protozoa belonging to the Metamonada Phylum

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8067/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/11/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : HORIZONTAL THICK AND THIN DIRECT-CURRENT PULVERIZED COAL BURNER
ARRANGED BY WALL TYPE□

(51) International classification	:f23c
(31) Priority Document No	:200810064748.2
(32) Priority Date	:17/06/2008
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2008/001800
Filing Date	:24/10/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HARBIN INSTITUTE OF TECHNOLOGY
Address of Applicant :92 West Dazhi Street Harbin
Heilongjiang 150001 China
(72)**Name of Inventor :**
1)WU Shaohua
2)SUN Shaozeng
3)LIU Hui
4)QIN Ming
5)QIN Yukun

(57) Abstract :

A pulverized coal combustion equipment has a furnace (5) with four water-cooled walls (6). A plurality of nozzle tips (1) for the fuel-rich stream of the primary-air-and-coal, a plurality of nozzle tips (2) for the fuel-lean stream of the primary-air-and-coal and a plurality of nozzle tips (3) for the secondary air are arranged on the water-cooled walls (6) of the furnace (5) to form a set of burner (7). A plurality of nozzle tips (4) for over-fire air is arranged at each corner of the furnace (5) or on each water-cooled wall (6). The nozzle tip (4) for over-fire air is arranged above the burner (7). An included angle between the central line of nozzle tip (3) for the secondary air by the fireball and the corresponding water-cooled wall (6) ranges from 54 to 127 degrees.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8069/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/11/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : "SYSTEMS, ASSEMBLIES, AND METHODS FOR TREATING A BRONCHIAL TREE"

(51) International classification :a61k
(31) Priority Document No :61/052,082
(32) Priority Date :09/05/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/043393
Filing Date :08/05/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INNOVATIVE PULMONARY SOLUTIONS INC.
Address of Applicant :12180 Northeast 32nd Place Bellevue
WA 98005 UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)DIMMER Steven C.
2)MAYSE Martin L.

(57) Abstract :

Systems, assemblies, and methods to treat pulmonary diseases are used to decrease nervous system input to distal regions of the bronchial tree within the lungs. Treatment systems damage nerve tissue to temporarily or permanently decrease nervous system input. The treatment systems are capable of heating nerve tissue, cooling the nerve tissue, delivering a flowable substance that cause trauma to the nerve tissue, puncturing the nerve tissue, tearing the nerve tissue, cutting the nerve tissue, applying pressure to the nerve tissue, applying ultrasound to the nerve tissue, applying ionizing radiation to the nerve tissue, disrupting cell membranes of nerve tissue with electrical energy, or delivering long acting nerve blocking chemicals to the nerve tissue.

No. of Pages : 82 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8430/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :26/11/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : SLEEP DETERMINATION DEVICE AND SLEEP DETERMINATION METHOD□

(51) International classification	:a61b	(71)Name of Applicant :
(31) Priority Document No	:2008-223536	1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) Priority Date	:01/09/2008	Address of Applicant :1 Toyota-cho Toyota-shi Aichi 471-
(33) Name of priority country	:Japan	8571 Japan
(86) International Application No	:PCT/JP2009/064956	(72)Name of Inventor :
Filing Date	:27/08/2009	1)YOSHIZAWA Shintaro
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An object of the present invention is to provide a sleep determination device and a sleep determination method capable of precisely determining a sleep stage based on heartbeat information of a subject. The sleep determination device and the sleep determination method according to the present invention obtain the heartbeat of the subject, calculate a heartbeat cycle for each heartbeat based on the obtained heartbeat, calculate difference values until obtaining Nth-degree difference values set in advance with difference values between the successive heartbeat cycles as first-degree difference values and difference values between the successive first-degree difference values as second-degree difference values.....

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8431/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :26/11/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : MEASURING DEVICE INCLUDING DETECTION OF DEFORMATIONS□

(51) International classification :g01b

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/IB2009/054275

Filing Date :30/09/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)TECSIS GmbH

Address of Applicant :Carl-Legien-Str. 40 63073

Offenbach/Germany

(72)Name of Inventor :

1)Oliver JOST

2)Marko APPEL

3)Joachim HOSE VON WOLFRAMSDORFF

(57) Abstract :

A measuring device is described which has a metal body deformable in accordance with a value to be measured. A sensor element having a metal carrier and ohmic resistors formed thereon in metal thin-film technique is connected to the metal body by welding and generates a signal adapted to be electrically evaluated which corresponds to the deformation of the metal body. The weld for connecting the metal body and the sensor element completely encloses the metal carrier at its circumference. The metal body has, at the welded connection with the metal carrier, a material thickness t which is completely penetrated by the weld. The value to be measured by the measuring device comprises force, pressure, temperature, torque or combinations thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5173/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/07/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD FOR MAKING PATCHES BY ELECTROSPRAY□

(51) International classification	:b05b
(31) Priority Document No	:0850406
(32) Priority Date	:23/01/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/050094
Filing Date	:23/01/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DBV TECHNOLOGIES
Address of Applicant :104 avenue Victor Hugo F-92100
Boulogne Billancourt FRANCE.
(72)**Name of Inventor :**
1)DUPONT Bertrand
2)TATOULIAN Ludovic
3)EHOUARN Pascale

(57) Abstract :

The invention relates to a method for making a device (1) for the skin application of a substance, that comprises using an electrohydrodynamic spraying (or electrospray) method for depositing the substance onto the device. The method particularly includes the steps of placing a substrate (31) at a distance from a spraying nozzle (11), feeding a liquid formulation (21) containing the substance towards the spraying nozzle (11), and submitting the formulation (21) to an electric field in order to form an aerosol (22) between the nozzle (11) and the substrate (31), and collecting on the substrate (31) the particles formed from said aerosol (22).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5317/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/07/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : RECIPROCATING PUMP WITH ELECTRONICALLY MONITORED AIR VALVE AND PISTON□

(51) International classification :f04b

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2006/028826
Filing Date :25/07/2006

(87) International Publication No : NA

(61) Patent of Addition to Application
Number :9870/DELNP/2007
Filed on :19/12/2007

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)GRACO MINNESOTA INC.

Address of Applicant :88 11the Avenue NE Minneapolis
Minnesota 55 United States of America

(72)Name of Inventor :

1)BAUCK Mark L.

2)WEINBERGER Mark T.

3)BEHRENS David M.

4)NGUYEN Vu K.

5)LANGE Christopher M.

6)PALASHEWSKI Wade D.

(57) Abstract :

An air operated pump having an air valve with an valve cup and a valve cover, the improvement comprising: a magnet mounted in said valve cup of said air motor; and first and second reed sensors mounted in the valve cover to monitor the speed and position of the valve, characterized in that the pump comprises a controller and wherein said controller utilizes information from said linear transducer for feedback to the air pressure input to said pump.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6709/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :02/09/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : IMMUNOMODULATORY THERAPEUTIC AGENTS

(51) International classification :A61K 38/36
(31) Priority Document No :61/158,526
(32) Priority Date :09/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/026665
Filing Date :09/03/2010
(87) International Publication No :WO 2010/104854
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MITCHELL J. MELLING
Address of Applicant :653 SOUTH ROSE BLOSSOM
DRIVE, LAYTON UT 84041, UNITED STATES OF
AMERICA
2)WADE M. MELLING
(72)Name of Inventor :
1)MITCHELL J. MELLING
2)WADE M. MELLING

(57) Abstract :

A group of peptides has been isolated from the serum of domesticated mammals and then identified through the use of mass spectrometry. These peptides are byproducts of fibrinogen activation and the complement cascade. The peptides of greatest activity are the activated forms of fibrinopeptide A and fibrinopeptide B (activated by the removal of the terminal Arginine), and an Immunomodulatory fragment of Complement Component 3. These form of fibrinopeptides A and B have remarkable immunomodulatory ability, enhancing recognition of foreign substances including infectious agents of all types, decreasing the inflammatory response, preventing the deposition of extravascular fibrin, stimulating the resorption of fibrin that has already been deposited, enhancing the body's ability to recognize and eliminate neoplastic cells, decreasing symptoms of allergic reaction including allergic rhinitis and anaphylaxis, decrease the formation and deposit of autoantibody complexes, ameliorate the symptoms of chronic neurologic disease, and decrease the symptoms of chronic pain syndromes.

No. of Pages : 77 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.850/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :07/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : HEATING AND COOLING UNIT, AND HEATING AND COOLING APPARATUS

(51) International classification

:F24F

(31) Priority Document No

:2009-

096725

(32) Priority Date

:13/04/2009

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)KIMURA KOHKI CO., LTD.

Address of Applicant :A-23, UEMACHI, CHUO-KU,
OSAKA-SHI, OSAKA 540-0005, Japan

(72)Name of Inventor :

1)KEIICHI KIMURA

2)MITSUO MORITA

3)KAZUYUKI KASAHARA

4)KATSUHIRO URANO

(57) Abstract :

To provide a heating and cooling unit and a heating and cooling apparatus in which high efficiency and high power are achieved, space unsuitable for air conditioning is less than air conditioning by the conventional radiation panel employing only heat emission as well as a draft and temperature unevenness are not provided, and measures against dew condensation countermeasure are unnecessary. In an induction emission air conditioning apparatus installed in a ceiling C, it is provided within a casing 19 with a heat exchanger 20 through which a feed air introduced from an outdoor side passes, a fan 22 passing the feed air through the air conditioning heat exchanger 20, and a heating and cooling unit 1 for blowing a mixed air obtained by inducing and suctioning the air in the room inside by using the feed air passing through the heat exchanger 20 so as to mix with the feed air, into the room inside in a laminar manner, and emitting the heat of the mixed air to the room inside, integrally.

No. of Pages : 130 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5954/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :20/08/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : ENDOSCOPIC IMAGING PHOTODYNAMIC THERAPY SYSTEM AND METHODS OF USE

(51) International classification

:a61b

(31) Priority Document No

:61/023,912

(32) Priority Date

:28/01/2008

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/IL2009/000108

Filing Date

:28/01/2009

(87) International Publication No

: NA

(61) Patent of Addition to Application
Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)YEDA RESEARCH AND DEVELOPMENT CO. LTD

Address of Applicant :at the Weizmann Institute of Science

P.O. Box 95 76100 rehovot Israel

2)YEDA RESEARCH AND DEVELOPMENT CO. LTD

(72)Name of Inventor :

1)GEVA Eli

2)GEVA Eli

3)SALOMON Yoram

4)SALOMON Yoram

5)SCHERZ Avigdor

6)SCHERZ Avigdor

7)GLINERT Ital

8)GLINERT Ital

(57) Abstract :

The invention provides an endoscopic imaging photodynamic therapy system (EIPS) for focused tissue ablation by illumination of a photosensitizer drug in a target tissue, said system comprising an endoscopic assembly, a real-time imaging component for locating the target tissue and monitoring the ablation intervention, a therapeutic light system and, optionally, a drug delivery module, wherein said imaging component comprises a flexible transducer with an operative channel for insertion of a flexible light guide of the therapeutic light system and, optionally, a flexible drug delivery catheter of the drug delivery module. This EIPS may be used in various medical applications where tissue ablation is required and photodynamic therapy may be applied, in particular, in the treatment of extrauterine pregnancy (EUP).

No. of Pages : 45 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5956/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :20/08/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD FOR PRODUCING ISOTHIOCYANATE COMPOUND HAVING CARBOXYL GROUP

(51) International classification :c07c
(31) Priority Document No :2008-049369
(32) Priority Date :29/02/2008
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2009/053729
Filing Date :27/02/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Nissan Chemical Industries Ltd.
Address of Applicant :7-1 Kanda-Nishiki-cho 3-chome
Chiyoda-Ku Tokyo 101-0054 Japan
(72)**Name of Inventor :**
1)NAKANO Satoshi
2)SAITO Daisuke

(57) Abstract :

To provide a novel method for producing an isothiocyanate compound having a carboxyl group(s) from the corresponding amino compound having a carboxyl group(s). A method for producing an isothiocyanate compound which has a carboxyl group(s) and is represented by the formula (2). And the method comprises reacting an amino compound which has a carboxyl group(s) and is represented by the formula (1) (wherein A is e.g. a C6-14 aromatic hydrocarbon group or a C1-12 saturated hydrocarbon group, and B is e.g. a single bond, a C6-14 aromatic hydrocarbon group or a C1-12 saturated hydrocarbon group), in a solvent, with carbon disulfide (CS₂) and then with a halogen as a simple substance.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.757/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :31/03/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : POINTER DETECTION APPARATUS AND POINTER DETECTION METHOD

(51) International classification

:H01B

(31) Priority Document No

:2009-

145879

(32) Priority Date

:18/06/2009

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)WACOM CO., LTD.

Address of Applicant :2-510-1 TOYONODAI, KAZO-SHI,
SAITAMA 349-1148, Japan

(72)Name of Inventor :

1)YASUO ODA

2)YOSHIHISA SUGIYAMA

(57) Abstract :

Disclosed herein is a pointer detection apparatus, including: a conductor pattern including a plurality of first conductors disposed in a first direction and a plurality of second conductors disposed in a second direction; a multi-frequency signal production circuit configured to produce a plurality of signals of different frequencies; a first conductor selection circuit configured to selectively supply the signals of different frequencies to those first conductors, between which N ones of the first conductors are interposed, N being a predetermined integer equal to or greater than 0; a second conductor selection circuit configured to selectively receive detection signals from the second conductors; and a signal detection circuit configured to obtain signals of individual frequencies, corresponding to the signals of different frequencies produced by the multi-frequency signal production circuit, which are representative of coupling states at cross points between the first conductors and the second conductors and are received from said second conductor selection circuit.

No. of Pages : 159 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8471/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :29/11/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : USE OF A C11 DIOL OR C11 DIOL MIXTURE FOR PRODUCING POLYMERS□

(51) International classification	:c08g
(31) Priority Document No	:08158308.0
(32) Priority Date	:16/06/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/057133
Filing Date	:10/06/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BASF SE
Address of Applicant :67056 Ludwigshafen Germany

(72)**Name of Inventor :**
1)MIJOLOVIC Darijo
2)GARNIER Sebastien
3)MIAO Qiang
4)GUIXA GUARDIA Maria
5)TEBBEN Gerd-Dieter
6)WIEBELHAUS Dag

(57) Abstract :

A polymer obtainable by polycondensation or polyaddition of monomeric compounds, wherefor accompanying use is made as monomeric compound of 2-(2-methylbutyl)-2-propyl-1,3-propanediol of the formula I or its alkoxylated derivatives (also referred to collectively below as C11 diol).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.887/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :12/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : AN IMPROVED INTRINSICALLY SAFE VALVE FOR A COMBUSTION SPRAY GUN AND A METHOD OF OPERATION

(51) International classification	:B05B	(71)Name of Applicant :
(31) Priority Document No	:12/428,107	1)SULZER METCO (US) INC.
(32) Priority Date	:22/04/2009	Address of Applicant :1101 PROSPECT AVENUE,
(33) Name of priority country	:U.S.A.	WESTBURY, NY 11590, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ROBERT F. SAVILL, JR
(87) International Publication No	:NA	2)MARK F. SPAULDING
(61) Patent of Addition to Application Number	:NA	3)JAMES K. WEBER
Filing Date	:NA	4)RICHARD A. ZAPKE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A valve for a combustion spray gun. An apparatus includes a torsion element rotatable relative to a housing of the combustion spray gun to a charged position. The apparatus also includes a biasing element applying a force to the torsion element, which force urges the torsion element to move a valve core to an off position. The apparatus further includes an engagement mechanism configured to selectively engage and hold the torsion element in the charged position.

No. of Pages : 50 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.734/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :29/03/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : PRACHALAN JAL

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)KAMAL SHARMA

Address of Applicant :W. NO. 6, H. NO. 1494, DARUYA,
DIST. HOSHIARPUR, PUNJAB-144205 Punjab India

(72)Name of Inventor :

1)KAMAL SHARMA

(57) Abstract :

Novel herbal extracts provide potent efficacy in the treatment of bile, menstruation etc and provide a better substitute for water required after a toilette. The raw materials used in the invention are generally based on extracts from naturally-occurring herbs including neem, sharish, bhang, marigold, rose, ajwain and daru haldi. Therefore, the present invention provides a very cost effective herbal product useful for the medicament and toilette purpose. These formulations have been provided to treat acne /pain and furuncle 2 to 3 times a day. It has demonstrated the ability to manage various grades of acne, from mild, moderate to severe. Significant improvement is visible within couple of weeks. There are no observed either long-term or short-term side reactions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7800/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :03/11/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : ARTICLE OF CLOTHING WITH DISPLAY ATTACHMENTS

(51) International classification :g09f

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CA2008/000639

Filing Date :03/04/2008

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)GAMMA RAY BOOSTERS INC.

Address of Applicant :45 Coalport Drive Toronto Ontario

M1N 4B5 (CA) Canada

(72)Name of Inventor :

1)WOLOSCHUK Walter

(57) Abstract :

An article of clothing is provided, comprising a torso portion including a front section defining the front surface of the torso portion. The front section includes an exterior surface and an interior surface. The exterior surface is defined at least in part by a first continuous portion of a one of a hook or a loop fabric. The one of a hook or a loop fabric is configured to releasably connect to the corresponding other one of a hook or a loop fabric of a display attachment. The first continuous portion includes a portion defined by a square-shaped perimeter and each one of the side of the square shaped perimeter has a length of at least about 4 inches. The interior surface is disposed on an opposite side of the front section relative to the exterior surface.

No. of Pages : 34 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.868/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :09/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : INFORMATION PROCESSING DEVICE AND EDITING METHOD

(51) International classification

:G11B

(31) Priority Document No

:P2009-
111248

(32) Priority Date

:30/04/2009

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SONY CORPORATION

Address of Applicant :1-7-1 KONAN, MINATO-KU,
TOKYO Japan

(72)Name of Inventor :

1)MASANORI MUROYA

2)KAZUKI MATOBA

3)KEI HISANO

(57) Abstract :

An information processing device includes: a storage unit configured to store one or a plurality of content playlists; a virtual playlist generating unit configured to generate a virtual playlist of the content and stored in the storage unit in a manner correlated with the content; a reception unit configured to receive user instructions; an editing unit configured to, in the event of receiving editing instructions as to the content, subject the virtual playlist to editing processing following the editing instructions; and a title display control unit configured to, in the event of receiving a title display instruction for displaying the title of the content on a predetermined display unit, displaying the title of the content based on the virtual playlist which has been subjected to the editing processing by the editing unit.

No. of Pages : 114 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.890/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :04/02/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : COMPOSITIONS AND METHODS FOR TREATING PSYCHIATRIC DISORDERS

(51) International classification :a61k
(31) Priority Document No :2008904016
(32) Priority Date :06/08/2008
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2009/001000
Filing Date :06/08/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GOSFORTH CENTRE (HOLDINGS) PTY LTD.
Address of Applicant :Level 1 66 Duporth Avenue
Maroochydore queensland 4558 Australia.
(72)**Name of Inventor :**
1)BIRD Philip

(57) Abstract :

Methods of treating psychiatric disorders are provided which include administration of one or more anti-epileptic agents and, optionally, one or more a psychostimulants. Also provided are pharmaceutical compositions comprising, in combination, one or more anti-epileptic agents and one or more psychostimulants. Psychiatric disorders include those associated with impaired cognitive processing, degenerative disorders such as Mild Cognitive Impairment, Parkinsons disease, dementia, non-compliance with therapeutic regimes and eating disorders, although without limitation thereto.

No. of Pages : 103 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5946/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :20/08/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : RADIATION DETECTOR AND RADIATION DETECTION METHOD□

(51) International classification :g01d
(31) Priority Document No :2009-037490
(32) Priority Date : -
(33) Name of priority country :Not Selected
(86) International Application No :PCT/JP2009/006564
Filing Date :02/12/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)PANASONIC CORPORATION
Address of Applicant :1006 Oaza Kadoma Kadoma-shi
Osaka 571-8501 Japan
(72)Name of Inventor :
1)Kohei TAKAHASHI
2)Tsutomu KANNO
3)Akihiro SAKAI
4)Hideaki ADACHI

(57) Abstract :

The present invention provides radiation detectors with high detection sensitivity. The radiation detectors according to the present invention each include an A12 O3 substrate, a CaxCoCoO2 (where $0.15 \leq x \leq 0.55$) thin film that is layered on the A12O3 substrate, and that has CoO2 planes that are aligned inclined to the surface of the A12O3 a first electrode disposed on the CaxCoCoO2 thin film in a position opposed to the first electrode in the direction in which the CoO2 planes are aligned inclined. The surface of the A12O3 substrate is an n plane or an S plane

No. of Pages : 27 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2010

(21) Application No.7361/DELNP/2010 A

(43) Publication Date : 13/09/2013

(54) Title of the invention : BENZOPYRAN AND BENZOXEPIN PI3K INHIBITOR COMPOUNDS AND METHODS OF USE □

(51) International classification :a61k
(31) Priority Document No :61/040,827
(32) Priority Date :31/03/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/038795
Filing Date :30/03/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)GENENTECH INC.

Address of Applicant :1 DNA Way South San Francisco CA
94080-4990 United States of America

2)F. HOFFMANN-LA ROCHE AG

(72)Name of Inventor :

1)DO Steven

2)GOLDSMITH Richard

3)HEFFRON Tim

4)KOLESNIKOV Aleksandr

5)STABEN Steven

6)OLIVERO Alan G.

7)SIU Michael

8)SUTHERLIN Daniel P.

9)ZHU Bing-yan

10)GOLDSMITH Paul

11)BAYLISS Tracy

12)FOLKES Adrian

13)PEGG Neil

(57) Abstract :

Benzopyran and benzoxepin compounds of Formulas I and II, and including stereoisomers, geometric isomers, tautomers, solvates, metabolites and pharmaceutically acceptable salts thereof, are useful for inhibiting lipid kinases including p110 alpha and other isoforms of PI3K, and for treating disorders such as cancer mediated by lipid kinases. Methods of using compounds of Formulas I and II for in vitro, in situ, and in vivo diagnosis, prevention or treatment of such disorders in mammalian cells, or associated pathological conditions, are disclosed.

No. of Pages : 357 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8024/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :12/11/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD FOR DETERMINATION OF A MATCHING COLOUR VARIANT□

(51) International classification	:g01j
(31) Priority Document No	:61/056,723
(32) Priority Date	:28/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2009/056373
Filing Date	:26/05/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AKZO NOBEL COATINGS INTERNATIONAL B.V.
Address of Applicant :Velperweg 76 NL-6824 BM Arnhem
The Netherlands
(72)**Name of Inventor :**
1)CRAIGHEAD Alan
2)GRIFFITH Claude
3)NJO Swie Lan

(57) Abstract :

The invention relates to a method of determination of a matching variant of a standard colour of a repair paint matching the effect colour of an object to be repaired, the method comprising the steps of a) determination of the standard colour of the colour of the object to be repaired, and b) determination of the best matching variant of the standard colour from a given number of variant colours, wherein a swatch coated with the colour of the standard colour is visually compared under at least two different angles of illumination and/or observation with the colour to be matched, the visual deviation from the standard colour and the colour of the object to be matched being evaluated on the basis of predetermined deviations for the visual properties, wherein the predetermined visual properties comprise at least one colour property and at least one texture property....

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.876/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :09/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : ARMATURE FOR AN ELECTRIC HEATING MODULE

(51) International classification	:H02K
(31) Priority Document No	:09 01778
(32) Priority Date	:10/04/2009
(33) Name of priority country	:France
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)VALEO SYSTEMES THERMIQUES
Address of Applicant :8, RUE LOUIS -LORMAND, LA
VERRIERE BP 513, 78321 LE MESNIL ST DENIS CEDEX,
FRANCE.
(72)**Name of Inventor :**
1)PIERRE DERVELOY

(57) Abstract :

Armature (2) for electric heating module (M) liable to cooperate with at least one heat dissipater (4) and at least one resistant element (2) of the electric heating module (M), the said armature (2), comprising of a frame (14) fixed by two longitudinal sides (16) and two lateral side (18), the frame (14) being provided by at least one hollowing out (19) for the lodging of the resistant element (2), characterized by which the armature (2) comprises of at least one means of positioning (12) of the heat dissipater (4) on the armature (2) in a way that it prevent in at one time a longitudinal movement of the heat dissipater (4) and a lateral movement of heat dissipater (4) compared to the armature (2).

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2010

(21) Application No.898/DEL/2010 A

(43) Publication Date : 13/09/2013

(54) Title of the invention : EXTRUSION PRESS

(51) International classification	:B21C
(31) Priority Document No	:2009-098506
(32) Priority Date	:15/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)UBE MACHINERY CORPORATION, LTD.
Address of Applicant :1980, AZA OKINOYAMA, OAZA
KOGUSHI, UBE-SHI, YAMAGUCHI 755-8633, Japan
(72)**Name of Inventor :**
1)TAKEHARU YAMAMOTO
2)KOJI NAKANO
3)NOBUHIKO MATSUMOTO

(57) Abstract :

To provide an extrusion press, in which a die unit and the rear surface of a die cassette are prevented from rising when a product and a discard are cut off from each other by a discard cutting device and the discard and the product are cut off from each other without fail at the boundary without leaving any discard on a cut surface of a die. A fixing device is configured by: a pushing device of the die unit capable of pushing the die unit from ahead in the direction of extrusion; and a pressing device of the die unit capable of pressing a die ring and the die cassette from above in a direction intersecting the direction of extrusion. The fixing device of the die unit is arranged between the discard cutting device and an end platen and at the same time, the pressing device of the die unit is provided with a fixing metal fitting of the pushing device of the die unit and a pressing metal fitting of the die ring and when the pressing device of the die unit operates and presses and fixes the die ring and the die cassette, the pushing device of the die is fixed.

No. of Pages : 55 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7275/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :13/10/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : ENVIRONMENTALLY SAFE CHARCOAL-BASED HEAT SOURCE

(51) International classification	:c10l
(31) Priority Document No	:12/049,829
(32) Priority Date	:17/03/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/037423
Filing Date	:17/03/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WARES David

Address of Applicant :3212 Summer Canyon Drive Austin
TX 78732 United States of America

2)CORREA Felipe

(72)Name of Inventor :

1)WARES David

2)CORREA Felipe

(57) Abstract :

An environmentally-safe, disposable, and combustible charcoal-based portable heat source includes a first combustible, inner, vertical, upright chimney structure, and a second combustible, outer, vertical, upright wall structure surround said chimney structure and an inner chimney flue defined by said chimney structure for receiving air for igniting and burning said charcoal-based heat source. An outer chimney flue defined by the outer wall of said first combustible, inner, vertical, upright chimney structure and the inner wall of said second combustible, outer, vertical, upright, wall structure, said outer chimney for exhausting fumes from said heat source. A removable inner chimney insert provides structural support for the heat source. An ignition ring establishes a sustained ignition to uniformly ignite the charcoal-based fuel.

No. of Pages : 24 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.848/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :07/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD, AND PROGRAM

(51) International classification

:G06F

(31) Priority Document No

:P2009-
097724

(32) Priority Date

:14/04/2009

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SONY CORPORATION

Address of Applicant :1-7-1, KONAN MINATO-KU,
TOKYO, Japan

(72)Name of Inventor :

1)MANABU KII

(57) Abstract :

An information processing apparatus includes a first touch panel, a second touch panel, and a controller. The first touch panel displays a first object and detects a first touch operation of a user on the first object. The second touch panel displays a second object and detects a second touch operation of the user on the second object. The controller links and changes the displayed first object and the displayed second object when the second touch operation is detected within a predetermined time period since the first touch operation has been detected.

No. of Pages : 52 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.889/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :09/02/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : SPARK IGNITION TYPE INTERNAL COMBUSTION ENGINE

(51) International classification	:F02D 15/04
(31) Priority Document No	:2007-288517
(32) Priority Date	:06/11/2007
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2008/070643
Filing Date	:06/11/2008
(87) International Publication No	:WO 2009/061004
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TOYOTA JIDOSHA KABUSHIKI KAISHA

Address of Applicant :1, TOYOTA-CHO, TOYOTA-SHI,
AICHI-KEN 471-8571 Japan

(72)Name of Inventor :

1)HISAMINATO NAOTO

2)AKIHISA DAISUKE

3)KAMIYAMA EIICHI

4)NAKASAKA YUKIHIRO

(57) Abstract :

Provided is a spark ignition type internal combustion engine comprising a variable compression ratio mechanism (A) capable of changing a mechanical compression ratio, and a variable valve timing mechanism (B) capable of controlling the closing timing of an intake valve. At an engine low-load running time, the mechanical compression ratio is made so higher than that at an engine high-load running time that the expansion ratio may be 20 or higher. In case the vacuum in an engine intake passage is lower than the required vacuum, the opening of a throttle valve (17) is reduced, and the valve closing timing of the intake valve is controlled so that the intake air in a quantity according to the engine load may be fed to the inside of a combustion chamber in accordance with the opening of the throttle valve. As a result, a brake booster or the like can be properly activated in the internal combustion engine having its mechanical compression ratio enlarged at the engine low-load running time.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.933/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :19/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : PLANT CONTROL SYSTEM AND THERMAL POWER PLANT CONTROL SYSTEM

(51) International classification	:G05B
(31) Priority Document No	:2009/103714
(32) Priority Date	:22/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HITACHI, LTD

Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
CHIYODA-KU, TOKYO 100-8280, Japan

(72)Name of Inventor :

1)EGUCHI TORU

2)YAMADA AKIHIRO

3)SEKIAI TAKAAKI

4)FUKAI MASAYUKI

5)SHIMIZU SATORU

(57) Abstract :

A control system for a plant acquires measurement data of a status quantity of the plant and calculates an operation signal to control the plant by using the measurement data, characterized in that the control system comprising: a measurement data database to acquire and store a measurement data of a status quantity of a plant; a model constructing database to store a model constructing data obtained from conversion of measured data of the plant stored in the measurement data database; a statistical model to simulate plant control characteristics from which a value of the measurement data, which is a status quantity of the plant, is inferred by using the model constructing data stored in the model constructing database when a control signal is given to the plant; an operation method learning part to learn a method of generating a model input equivalent to the control signal given to the plant by using the statistical model so that a model output equivalent to the measurement data achieves a target value; a learning information database to store a constraint condition for learning by the operation method learning part and learning information data about a learning result; and a control signal generating part to calculate a control signal to be sent to the plant by using the measurement data in the measurement database and the learning information data in the learning information database; and a model adjusting part to adjust a basis radius parameter of the statistical model included in the model constructing data to be stored in the model constructing database, whereby the statistical model generates the model output by using adjustment result of the basis radius parameter obtained from the model adjusting part.

No. of Pages : 85 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7511/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :26/10/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHODS OF DIAGNOSING, PREVENTING AND TREATING BONE MASS DISEASES□

(51) International classification :a61k
(31) Priority Document No :61/072,596
(32) Priority Date :31/03/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/038817
Filing Date :30/03/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK
Address of Applicant :535 West 116th Street New York NY 10027 United States of America
(72)**Name of Inventor :**
1)KARSENTY GERARD
2)DUCY PATRICIA F.
3)XIE YULI
4)LANDRY DONALD
5)VIJAY KUMAR YADAV

(57) Abstract :

The present invention provides methods and therapeutic agents for lowering or increasing serum serotonin levels in a patient in order to increase or decrease bone mass, respectively. In preferred embodiments, the patient is known to have, or to be at risk for, a low bone mass disease such as osteoporosis and the agents are TPH1 inhibitors or serotonin receptor antagonists.

No. of Pages : 139 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7512/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :26/10/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : A BEARING DEVICE FOR A WIND TURBINE NACELLE□

(51) International classification	:f03d
(31) Priority Document No	:0851914
(32) Priority Date	:26/03/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/050501
Filing Date	:24/03/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DDIS S.A.S.

Address of Applicant :1 rue de l'Europe 59410 ANZIN FRANCE.

(72)Name of Inventor :

1)CANINI Jean Marc

2)LHENRY Bernard Claude

(57) Abstract :

The present invention relates to a wind turbine nacelle (1). It comprises a body (3), and a head (5). The body is constituted by a base (7) arranged to be fastened to the top end of a wind turbine tower, and a tubular chamber (9) extending said base upwards along a vertical axis. The head is constituted by a dish (11) arranged for rotary mounting of blades and to receive an alternator, and a bushing (13) secured to the dish and arranged along a vertical axis to be pivotally mounted on the tubular chamber (9). In addition, the nacelle has pivot connection means arranged between the bushing (13) and the tubular chamber (9) enabling the head (5) to be pivotally mounted on the body (3). Another aspect of the present invention provides a wind turbine fitted with such a wind turbine nacelle (1)....

No. of Pages : 19 No. of Claims : 16

(54) Title of the invention : ADJUSTABLE STEERING DEVICE WITH MECHANICAL MEMORY

(51) International classification	:B62D	(71)Name of Applicant :
(31) Priority Document No	:09 50 229-5	1)SCANIA CV AB
(32) Priority Date	:08/04/2009	Address of Applicant :SE-151 87 SODERTALJE, SWEDEN
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:NA	1)PAULA HARELIND
Filing Date	:NA	2)CARL PANTZAR
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a steering device (1) adapted to position setting for a steering wheel (4) in a vehicle, comprising a steering column (2,3) provided with a steering wheel shaft housing (6) and means (8,9,13) for setting slide and tilt positions of the steering wheel (4). The invention is also achieved in that a slide (8) is connected to the steering wheel shaft housing (6) via a first articulation (7) and is adapted to being displaceable relative to a rail (9) fitted in the vehicle, that a steering means (13) is connected to the steering wheel shaft housing (6) via a second articulation (16) and is adapted to being movable relative to the slide (8) and the rail (9), and that at least one locking device (14) is adapted to locking the mutual movements between the rail (9), the slide (8) and the guide means (13) when a preferred steering wheel position has been set (Figure 2)

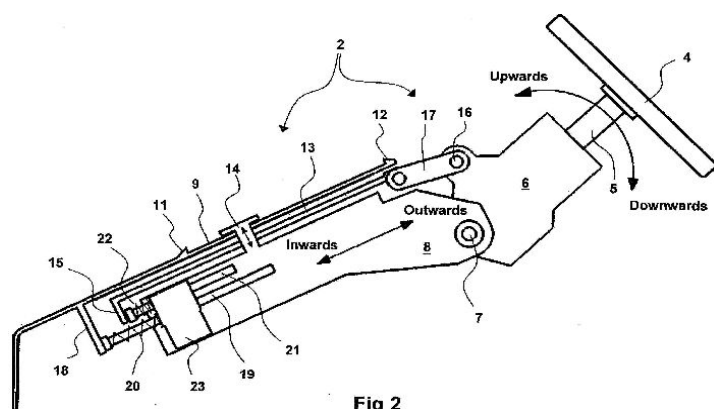


Fig 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.870/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :09/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : PROCESS FOR PREPARING DIARYL CARBONATE

(51) International classification

:C02F

(31) Priority Document No

:10 2009

(32) Priority Date

017862.7

(33) Name of priority country

:17/04/2009

(86) International Application No

:Germany

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)BAYER MATERIALSCIENCE AG

Address of Applicant :51368 LEVERKUSEN, Germany

(72)Name of Inventor :

1)PETER OOMS

2)ANDREAS BULAN

3)JOHANN RECHNER

4)RAINER WEBER

5)MICHAEL TRAVING

6)MARC BUTS

7)JOHAN VANDEN EYNDE

(57) Abstract :

A process for preparing diaryl carbonate and utilizing at least part of the process wastewater by increasing the concentration of the wastewater phases containing sodium chloride for the electrolysis by means of osmotic membrane distillation with simultaneous dilution of the sodium hydroxide solution obtained from the electrolysis for the diaryl carbonate production process (diphenyl carbonate process) is described.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.936/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :19/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF

(51) International classification

:H01L

(31) Priority Document No

:2009-

119233

(32) Priority Date

:20/04/2009

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)UNISANTIS ELECTRONICS (JAPAN) LTD.

Address of Applicant :2F, FUJILIGHT SHINKAWA BLDG,
22-11, SHINKAWA 1-CHOME, CHUO-KU, TOKYO 104-0033,
JAPAN

(72)Name of Inventor :

1)MASUOKA, FUJIO

2)NAKAMURA, HIROKI

3)ARAI, SHINTARO

4)KUDO, TOMOHIKO

5)SINGH, NAVAB

6)BUDDHARAJU, KAVITHA DEVI

7)NANSHENG, SHEN

8)SAYANTHAN, RUKMANI DEVI

(57) Abstract :

It is an object of the present invention to provide an SGT manufacturing method capable of obtaining a structure for reducing resistances of a source and a drain, a structure for reducing a parasitic capacitance, a desired gate length, desired configurations of the source and drain, and a desired diameter of a columnar semiconductor. In order to achieve the object, the present invention provides a method of manufacturing a semiconductor device, which comprises the steps of: forming a first columnar semiconductor layer on a substrate, and forming a first flat semiconductor layer in an upper portion of the substrate lying under the first columnar semiconductor layer; forming a first semiconductor layer of a second conductive type in a lower portion of the first columnar semiconductor layer and an entirety or an upper portion of the first flat semiconductor layer; forming a first insulating film around a lower sidewall of the first columnar silicon layer and above the first flat semiconductor layer; forming a gate insulating film and a gate electrode around the first columnar silicon layer; forming a sidewall-shaped second insulating film to surround an upper sidewall of the first columnar silicon layer while contacting an upper surface of the gate electrode and to surround a sidewall of the gate electrode; forming a second semiconductor layer of the second conductive type in an upper portion of the first columnar silicon layer, and forming a semiconductor layer of a first conductive type between the first semiconductor layer of the second conductive type and the second semiconductor layer of the second conductive type; and forming a metal-semiconductor compound on each of an upper surface of the first semiconductor layer of the second conductive type and an upper surface of the second semiconductor layer of the second conductive type, wherein the first insulating film has a thickness larger than that of the gate insulating film formed around the first columnar silicon layer.

No. of Pages : 91 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8177/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :18/11/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : POLYAMIDE EMULSIFIER BASED ON POLYAMINES AND FATTY ACID/CARBOXYLIC ACID FOR OIL BASED DRILLING FLUID APPLICATIONS □

(51) International classification	:c08g
(31) Priority Document No	:61/053,493
(32) Priority Date	:15/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2009/055684
Filing Date	:12/05/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant :**
1) AKZO NOBEL N.V.
Address of Applicant : Velperweg 76 NL-6824 BM Arnhem
The Netherlands
(72) **Name of Inventor :**
1) YU Hua
2) STEICHEN Dale Stanley
3) JAMES Alan Duncan
4) STALEY Jon. B.
5) HIMMEL Thomas William

(57) Abstract :

The present invention generally relates to emulsifiers for oil-based drilling fluids and muds comprising an emulsifier based on the polyamides derived from fatty acid/carboxylic acid and optionally alkoxylated polyamines. The invention also relates to oil or synthetic based drilling fluids comprising the emulsifiers of the invention and to drilling methods utilizing same.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.837/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :06/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : INFORMATION PROCESSING APPARATUS AND TELEVISION TUNER

(51) International classification

:H04N

(31) Priority Document No

:P2009-
100172

(32) Priority Date

:16/04/2009

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SONY CORPORATION

Address of Applicant :1-7-1 KONAN, MINATO-KU,
TOKYO, Japan

(72)Name of Inventor :

1)YASUHIRO MURAMATSU

2)TOSHIYUKI KATSUMOTO

(57) Abstract :

An information processor includes an operation unit for receiving a selected analog television channel, an identification signal generator for generating, from the selected channel, an analog identification signal for identifying the frequency of an analog broadcast signal, an identification signal acquirer for acquiring the analog identification signal, a storage for prestoring correspondence information between a digital identification signal indicating a frequency of a digital broadcast signal and the analog identification signal for each of stations, an identification signal converter for converting the analog identification signal into the digital identification signal using the correspondence information, a receiver for receiving a digital broadcast signal identified by the digital identification signal and extract video and audio code, a video converter and an audio converter for converting the code into equivalent analog video and audio signals, and an analog video acquirer and an analog sound acquirer for acquiring the analog video and audio signals.

No. of Pages : 60 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8378/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :25/11/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD FOR ESTIMATING A CENTRAL PRESSURE WAVEFORM OBTAINED WITH A BLOOD PRESSURE CUFF

(51) International classification	:a61b
(31) Priority Document No	:61/127,736
(32) Priority Date	:15/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/NZ2009/000071
Filing Date	:12/05/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PULSECOR LIMITED
Address of Applicant :Level 2 135 Morrin Road Saint Johns
Auckland 1072 New Zealand
(72)**Name of Inventor :**
1)LOWE Andrew

(57) Abstract :

A physics-based mathematical model is used to estimate central pressure waveforms from measurements of a brachial pressure waveform measured using a supra-systolic cuff. The method has been tested in numerous subjects undergoing cardiac catheterisation. Central pressure agreement was within 11 mm Hg and as good as the published non-invasive blood pressure agreement between the oscillometric device in use and the so-called "gold standard." It also exceeds international standards for the performance of non-invasive blood pressure measurement devices. The method has a number of advantages including simplicity of application, fast calculation and accuracy of prediction. Additionally, model parameters have physical meaning and can therefore be tuned to individual subjects. Accurate estimation of central waveforms also allow continuous measurement (with intermittent calibration) using other non-invasive sensing systems including photoplethysmography.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8563/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :02/12/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : STABILIZED TRANSDERMAL DRUG DELIVERY SYSTEM□

(51) International classification	:a61k
(31) Priority Document No	:61/057,455
(32) Priority Date	:30/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/045739
Filing Date	:29/05/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MYLAN INC.
Address of Applicant :1500 Corporate Drive Suite 400
Canonsburg PA 15317 United States of America
(72)**Name of Inventor :**
1)TANG Jiashang

(57) Abstract :

A solid dispersion transdermal drug delivery system comprising a therapeutic agent in a stable amorphous form and a combination polymeric stabilizing and dispersing agent having a hydrogen bond-forming functional group, and a method of manufacturing these systems is provided. The weight ratio of the combination polymeric stabilizing and dispersing agent to the therapeutic agent is also disclosed.

No. of Pages : 35 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8123/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/11/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : FUMARATE SALT OF 4- (3-CHLORO-2-FLUOROANILINO) -7-METHOXY-6- { [1- (N-METHYLCARBAMOYLMETHYL) PIPERIDIN- 4-YL] OXY} QUINAZOLINE□

(51) International classification	:c07d
(31) Priority Document No	:61/052,706
(32) Priority Date	:13/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2009/050496
Filing Date	:11/05/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)ASTRAZENECA AB
Address of Applicant :S-151 85 Sdertlje SWEDEN
(72)Name of Inventor :
1)BOARDMAN Kay Alison
2)BURNS Susan Elizabeth
3)DOBSON Andrew Hornby
4)WHITLOCK Brian

(57) Abstract :

4-(3-chloro-2-fluoroanilino)-7-methoxy-6-{[1-(N-methylcarbamoylmethyl)piperidin-4-yl]oxy}quinazoline difumarate, pharmaceutical compositions containing the difumarate, the use of the difumarate in the treatment of hyperproliferative disorders such as cancer and processes for the manufacture of the difumarate are described.

No. of Pages : 94 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8124/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/11/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : RESIN COMPOSITION FOR PRE-COATED STEEL SHEET HAVING EXCELLENT WORKABILITY, HEAT RESISTANCE AND CORROSION RESISTANCE, AND PRECOATED STEEL SHEET MANUFACTURED USING SAME

(51) International classification :C09D 163/02
(31) Priority Document No :KR-10-2008-0045426
(32) Priority Date :16/05/2008
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2009/0045426
Filing Date :14/05/2009
(87) International Publication No :WO 2009/139590
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)POSCO

Address of Applicant :1 KOEDONG-DONG, NAM-GU,
POHANG KYUNGSANGBOOK-DO 790-300, Republic of
Korea

(72)Name of Inventor :

1)LEE, JAE-SOON

2)CHO, JAE-DONG

3)LEE, JAE-RYUNG

4)CHO, YONG-KYUN

(57) Abstract :

A resin composition for a pre-coated steel sheet having good processibility, heat resistance, and corrosion resistance, and a pre-coated steel sheet fabricated by using the resin composition are disclosed. The resin composition includes a 10 to 40 parts by weight of a hardener comprising end-capped blocked polyisocyanate and a melamine resin by 2:1 to 3:1 by parts by weight and 0,1 to 10 parts by weight of organized layered nano-clay, based on a 106 parts by weight of a base resin. The pre-coated steel sheet obtained by the method exhibits good processibility, heat resistance, and corrosion resistance.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8511/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/11/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : MATERIALS AND METHODS RELATING TO A G-PROTEIN COUPLED RECEPTOR □

(51) International classification	:a61k
(31) Priority Document No	:0808668.8
(32) Priority Date	:13/05/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/001201
Filing Date	:13/05/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)THE UNIVERSITY COURT OF THE UNIVERSITY OF ABERDEEN
Address of Applicant :Regent Walk Aberdeen AB24 3FX
Great Britain. U.K.
(72)Name of Inventor :
1)ROSS RUTH ALEXANDRA
2)ROGERS MICHAEL JOHN
3)FORD LESLEY ANN
4)ROELOFS ANKE JOZEFIEN

(57) Abstract :

The present inventors demonstrate that the G-protein coupled receptor 55 (GPR55) is highly expressed in human aggressive breast cancer cells, and that the expression level may be correlated with the invasiveness and metastatic potential of these cells (for example metastasis to bone). In various aspects of the invention there are disclosed diagnostic tools or biomarkers that relate to the metastatic profile of breast cancer tumours. The invention also relates to pharmacological agents targeting this receptor for the purposes of inhibiting progression and spread of breast cancer.

No. of Pages : 66 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8677/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :06/12/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : REDISPERSIBLE POLYMER POWDER COMPOSITION□

(51) International classification	:c08l
(31) Priority Document No	:08159268.5
(32) Priority Date	:27/06/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/004606
Filing Date	:25/06/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AKZO NOBEL N.V.
Address of Applicant :Velperweg 76 NL-6824 BM Arnhem
The Netherlands
(72)**Name of Inventor :**
1)ZAPF Alexander
2)WICKI Hans
3)WILLIMANN Hongli
4)HEINI Urs

(57) Abstract :

The present invention pertains to a water-redispersible polymer powder composition based on at least one synthetic polymer and at least one natural latex. Preferably, the polymer powder contains up to about 90 wt.% of at least one water- insoluble, synthetic polymer, up to about 90 wt.% of least one natural latex, about 0 to 50 wt.% of at least one protective colloid, about 2 to 50 wt.% of at least one filler and/or anti-caking agent, as well as optionally further additives. In addition, the invention pertains to a process for the preparation of the polymer powder composition, the use thereof as an additive in building material compositions, as well as building material compositions containing the polymer powder composition.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7678/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :29/10/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : PRETREATMENT OF A PHOSPHORUS-MODIFIED ZEOLITE CATALYST FOR AN AROMATIC ALKYLATION PROCESS□

(51) International classification	:c07c
(31) Priority Document No	:12/080,354
(32) Priority Date	:02/04/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/002028
Filing Date	:01/04/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)SAUDI BASIC INDUSTRIES CORPORATION
Address of Applicant :O. Box 5101 11422 Riyadh Kingdom of Saudi Arabia
(72)Name of Inventor :
1)GHOSH Ashim Kumar
2)SHAFIEI Mohammad
3)CASTELAN Manuel
4)HARVEY Pamela
5)KULKARNI Neeta

(57) Abstract :

This invention relates to a process for pretreating a zeolite catalyst, specifically a zeolite which has been modified with phosphorus. The catalyst may be used in a process for alkylation of aromatics, specifically toluene methylation. The pretreatment is first to contact the catalyst with the process reactants used in a process for alkylation of aromatics for at least two hours at conditions to produce an alkylated aromatic product and then with a gaseous stream containing oxygen at a temperature and for a time until there is no oxygen consumption. The zeolite may be a MFI zeolite. This pretreatment procedure for a phosphorus-modified zeolite catalyst produces a catalyst which has increased run time, i.e., decreased deactivation rate, compared to a fresh catalyst, even after successive regenerations.

No. of Pages : 33 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8026/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :12/11/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : INDOOR ENVIRONMENT REGULATING SYSTEM□

(51) International classification	:f24f
(31) Priority Document No	:2008-113023
(32) Priority Date	:23/04/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/058433
Filing Date	:22/04/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ISHINOYU CO. LTD.
Address of Applicant :6-3 Tenyamachi Hakata-ku Fukuoka-shi Fukuoka 812-0025 Japan
(72)**Name of Inventor :**
1)Takaharu Futaeda
2)Kouichi Takada
3)Shinsuke Fuwa

(57) Abstract :

The invention provides an indoor environment regulating system with excellent energy efficiency. The indoor environment regulating system of the invention is provided with an indoor surface structural member 300, 400 constructed of a material comprising a far-infrared emitting substance that emits and absorbs far-infrared rays and has a far-infrared emissivity of 0.6 or greater, and a cooling and/or heating source 200, 301 having a cooling and/or heating surface constructed of a material comprising the same far-infrared emitting substance as the far-infrared emitting substance of the indoor surface structural member, and wherein when the cooling surface of the cooling source 301 is cooled, the far-infrared emitting substance of the cooling surface absorbs the far-infrared rays emitted by the far-infrared emitting substance of the indoor surface structural member 300, 400, and/or when the heating surface 200 of the heating source is heated, the far-infrared

No. of Pages : 161 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.897/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :15/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : ELECTRICAL JUNCTION BOX

(51) International classification

:F16B

(31) Priority Document No

:JP2009-
109910

(32) Priority Date

:28/04/2009

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SUMITOMO WIRING SYSTEMS LTD.,

Address of Applicant :1-14, NISHISUEHIRO-CHO,
YOKKAICHI-CITY, MIE 510-8503, Japan

(72)Name of Inventor :

1)SHUNSUKE MIZUKAMI

(57) Abstract :

To provide an electrical junction box having a novelty structure that may be detachably attached with a sufficient fixing force to a place where a bolt-fastening work may be in a difficult condition. An attaching projection may be provided with an abutting portion to be superimposed on a front surface of a vehicle body panel. An engagement projection protrudes from the abutting portion in a slanting position in a superimposing direction to the vehicle body panel. The engagement projection may be inserted into an attaching hole provided in the vehicle body panel so that the engagement projection may be engaged with a peripheral edge portion around the attaching hole at a rear surface of the vehicle body panel.

No. of Pages : 24 No. of Claims : 5

(54) Title of the invention : VARIABLE VALVE APPARATUS FOR ENGINE

(51) International classification

:F01L

(31) Priority Document No

:2009-

087236

(32) Priority Date

:31/03/2009

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

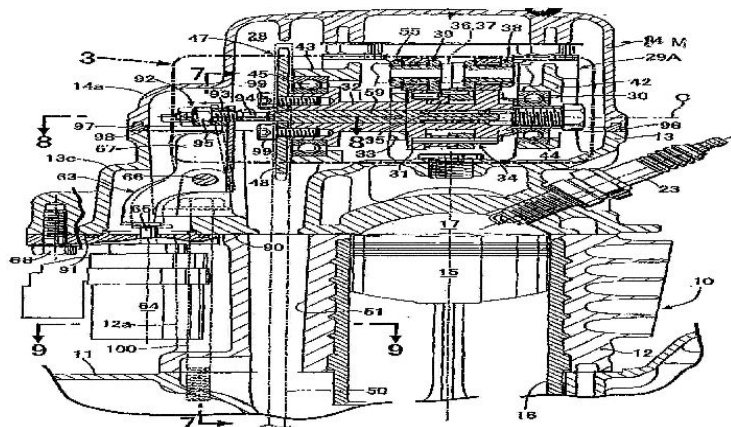
1)HONDA MOTOR CO., LTD.Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
MINATO-KU, TOKYO, 107-8556 Japan

(72)Name of Inventor :

1)TERUHIDE YAMANISHI**2)HIDEO ISHIKAWA****3)YASUO TERADA****4)KAZUO FUJIHARA****5)KAZUHIKO CHIBA****6)YAMATO NAKAMIZO**

(57) Abstract :

[Object] It is made possible to reduce the costs of a variable valve apparatus for an engine without necessity of enhancing its process precision. The variable valve apparatus includes: a valve mechanism configured to drive an engine valve to open and close in order to enable operational characteristics of the engine valve to be changed depending on an operation of a movable member which is linearly operable; an actuator configured to exert a power for operating the valve mechanism in order to change the operational characteristics of the engine valve; and a rotary lever configured to transmit an output of the actuator to the movable member. [Solving Means] An adjustment mechanism 92 configured to adjust an amount of movement of a movable member 59 depending on an operation of an actuator 64 is installed on any one of connection parts of a rotary lever 67, the connection parts connected respectively to the movable member 59 and the actuator 64. [Selected Drawing] fig-2



No. of Pages : 56 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6235/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :02/09/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : COMPOSITIONS AND METHODS FOR ALLEVIATING DEPRESSION OR IMPROVING COGNITION

(51) International classification	:a61k
(31) Priority Document No	:61/026,279
(32) Priority Date	:05/02/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2009/000145
Filing Date	:05/02/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CLERA INC.

Address of Applicant :3428 West 26th Ave. Vancouver
British Columbia V6S 1N5 Canada

(72)Name of Inventor :

1)SEEMAN Philip

2)TOLEIKIS Philip M.

(57) Abstract :

This application describes compositions of receptor inhibitors, including antipsychotic agents, for example haloperidol, and methods of use for alleviating clinical depression, improving cognition and/or treating other syndromes, conditions or diseases for which anti-depressant agents are prescribed. Furthermore, this application describes compositions and methods to induce supersensitivity in dopamine D2 and other receptors involved in depression and/or cognition as a means of alleviating clinical depression or improving cognition.

No. of Pages : 49 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6682/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :01/09/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF A FATTY ACID/L - CARNITINE DERIVATIVE

(51) International classification :C07C 227/16

(31) Priority Document No :09001609.8

(32) Priority Date :05/02/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/000654

Filing Date :03/02/2010

(87) International Publication No :WO 2010/089094

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)LONZA LTD

Address of Applicant :LONZASTRASSE, 3930 VISP (CH)
Switzerland

(72)Name of Inventor :

1)SMIDA, DONYA

(57) Abstract :

The present invention discloses a process for the production of a fatty acid/L-carnitine derivative, whereby the educts are reacted in the presence of monochloroacetic acid.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.869/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :09/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : CONVERTER FOR USE WITH SENSING DEVICE

(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:61/169,415	1)MILLIPORE CORPORATION
(32) Priority Date	:15/04/2009	Address of Applicant :290 CONCORD ROAD, BILLERICA,
(33) Name of priority country	:U.S.A.	MASSACHUSETTS 01821, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MICHAEL JOENS
(87) International Publication No	:NA	2)RICKY F. BAGGIO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method are disclosed for utilizing sensors with existing devices. An interface module is used in combination with a newer sensor, such as a fluorescence oxygen sensor, and an older legacy device. The older legacy device supplies a polarizing voltage, and anticipates a measured current of between 0 and 100 nA. The newer sensor requires no polarizing voltage and delivers an output of 0-10 volts in one embodiment, and 4-20 mA in another embodiment. The interface module receives the output from the sensor, and converts it into a useable signal to the legacy device. In another embodiment, the interface module comprises a number of outputs, such that both legacy devices and newer devices can be in communication with the sensor simultaneously. The interface module can be used in conjunction with a reactor chamber or other pharmaceutical process.

No. of Pages : 27 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6695/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :01/09/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD FOR PRODUCING AROMATIC HYDROCARBONS

(51) International classification :C10G 35/095
(31) Priority Document No :2009-078596
(32) Priority Date :27/03/2009
(33) Name of priority country :Japan
(86) International Application No :PCTJP2010/002160
Filing Date :26/03/2010
(87) International Publication No :WO 2010/109897
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JX NIPPON OIL & ENERGY CORPORATION
Address of Applicant :6 - 3, OTEMACHI 2 - CHOME,
CHIYODA - KU, TOKYO 100 - 8162, Japan
(72)**Name of Inventor :**
1)SHINICHIRO YANAGAWA
2)YUKO AOKI
3)KAZUAKI HAYASAKA

(57) Abstract :

A method for producing aromatic hydrocarbons by bringing a feedstock derived from a fraction containing a light cycle oil produced in a fluid catalytic cracking into contact with a catalyst containing a crystalline aluminosilicate, wherein the proportion of the naphthene content within the feedstock is adjusted so as to be greater than the proportion of the naphthene content in the fraction containing the light cycle oil, and the contact between the feedstock and the catalyst is performed under a pressure within a range from 0.1 MPaG to 1.0 MPaG.

No. of Pages : 51 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.878/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :09/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : ROLLING MILL CONTROL METHOD OF THE ROLLING MILL, ROLLING APPARATUS AND CONTROL METHOD OF THE ROLLING APPARATUS

(51) International classification :B21B
(31) Priority Document No :2009-095563
(32) Priority Date :10/04/2009
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)HITACHI, LTD

Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
CHIYODA-KU, TOKYO 100-8280 Japan

(72)Name of Inventor :

1)FUKUCHI YUTAKA

2)HATTORI SATOSHI

3)FUKUMURA AKIHISA

4)KAGA SHINICHI

5)SAITO TAKEHIKO

(57) Abstract :

An object of the present invention is to open/close work rolls without making the work rolls and a rolled strip scratched and without causing any slippage therebetween. A rolling mill comprises load detecting means for the rolled strip, rolled strip speed detecting means at an entry side and at a delivery side, tension detecting means for the rolled strip at the entry side and at the delivery side, electric-motor speed detecting means for an electric motor driving the work rolls, tension/speed reference computing means for tension of the rolled strip at the entry side and at the delivery side or for a speed reference for the electric motor, speed control means controlling the speed of the electric motor based on preset speed data and a speed reference, roll-position computing means, and computing device of instruction for roll opening/closing during strip-running which increases or decreases load without stopping the rolled strip, keeps the load constant in a condition that the rolled strip reaches an elastic deformation state, and opens/closes the work rolls with at least either tension or strip speed of the rolled strip at the entry side and that at the delivery side being equal to each other.

No. of Pages : 82 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7743/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :01/11/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : TETRACYCLIC ANTHRAQUINONE ANTIBIOTIC DERIVATIVES WITH HIGH ACTIVITY, PROCESS FOR PREPARING THE SAME AND USES THEREOF□

(51) International classification	:c07h	(71)Name of Applicant :
(31) Priority Document No	:200810052710.3	1)TIANJIN HEMAY BIO-TECH CO. LTD
(32) Priority Date	:11/04/2008	Address of Applicant :Xiao Yuan Xin Cun 31-101 TEDA
(33) Name of priority country	:China	Tianjin 300457 China
(86) International Application No	:PCT/CN2009/000385	2)TIANJIN MICHELE SCI-TECH DEVELOPMENT CO. LTD
Filing Date	:09/04/2009	(72)Name of Inventor :
(87) International Publication No	: NA	1)ZHANG Hesheng
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Anthracycline antibiotic derivatives with anticancer activity, i.e. the compounds of formula (I). The present anthracycline antibiotic derivatives has the same activity as or higher activity than that of the known medicaments such as doxorubicin, daunorubicin in the cellular level and at the same time the present derivatives have better tolerance than doxorubicin in animal body.

No. of Pages : 49 No. of Claims : 11

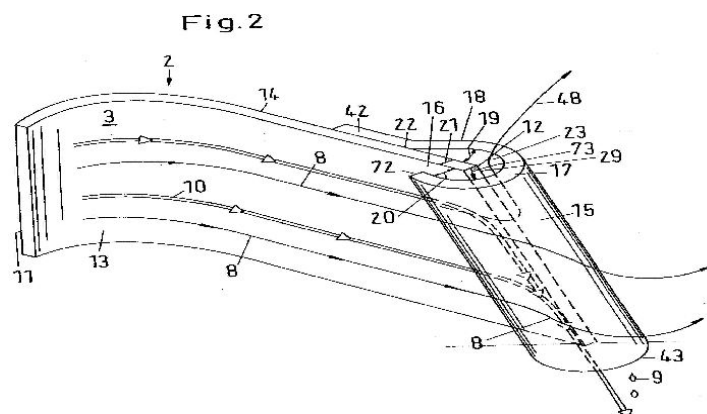
(54) Title of the invention : FLUID INLET DEVICE

(51) International classification :H01R
 (31) Priority Document No :09158696.6
 (32) Priority Date :24/04/2009
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)SULZER CHEMTECH AG
 Address of Applicant :SULZER-ALLEE 48, 8404
 WINTERTHUR, Switzerland
 (72)Name of Inventor :
1)PIERRE SCHAEFFER
2)EMIL FEHR
3)STEFAN LEUPPI

(57) Abstract :

A fluid inlet device (1) for a mass transfer apparatus (4) which has an inner space (5) closed off from the environment includes a channel (6) for the conveying of a fluid (7) into the inner space (5) of the mass transfer apparatus (4). The fluid (7) contains a gas (8) and a liquid (9). The channel (6) includes a plurality of guiding elements (2) so that a part flow (10) of the fluid (7) can be produced by means of each guiding element (2) which can be guided into the inner space (5) via the guiding element (2). The guiding element (2) includes a first end (11) which is made as a deflection element (3) to branch the part flow (10) of the fluid (7) out of the channel and a second end (12) which is arranged opposite the first end (11), wherein the part flow (10) of the fluid (7) flows from the first end (11) to the second end (12). The guiding element (2) has a luff side (13) and a lee side (14). A catching element (15) is provided at the second end (12) and is arranged around the second end (12) such that an opening (16) is formed between the luff side (13) and the catching element (15), wherein an arcuate section (17) adjoins the opening (16) and wherein a section (18) which is connected to the guiding element (2) at the lee side (14) adjoins the arcuate section (17) and wherein the section (18) includes an angle (19) with the second end (12). fig-2



No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1785/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :15/03/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : CRYSTALLINE CHEMOTHERAPEUTIC

(51) International classification :C07D 231/56

(31) Priority Document No :60/981,243

(32) Priority Date :19/10/2007

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

(86) International Application No :PCT/US2008/080066

Filing Date :16/10/2008

(87) International Publication No :WO 2009/052229

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ABBOTT LABORATORIES

Address of Applicant :100 ABBOTT PARK ROAD,
ABBOTT PARK, ILLINOIS 60064 UNITED STATES OF
AMERICA

(72)Name of Inventor :

1)ROZEMA MICHAEL, J.

(57) Abstract :

N-(4-(3-Amino-1H-indazol-4-yl)phenyl)-N-(2-fluoro-5-methylphenyl)urea Tolueneate Crystalline Form 1, ways to make it and ways to use it are disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.26/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :06/01/2011

(43) Publication Date : 13/09/2013

(54) Title of the invention : LUBRICATING DEVICE AND METHOD FOR OPERATING THE LUBRICATING DEVICE

(51) International classification	:F16J
(31) Priority Document No	:10 2010
(32) Priority Date	004 839.9
(33) Name of priority country	:15/01/2010
(86) International Application No	:Germany
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)AKTIEBOLAGET SKF
Address of Applicant :415 50 GOTEORG, SWEDEN
(72)Name of Inventor :
1)JURGEN KREUTZKAMPER
2)PAUL SATTELBERGER

(57) Abstract :

A lubricating device having a holding tank for a lubricant includes at least one movable piston unit in the holding tank for forming a lubricant chamber. The lubricant chamber has at least two openings, of which one is embodied as a lubricant inlet and the other is embodied as a lubricant outlet. A first one of the openings is disposed in the piston unit. Figure 3

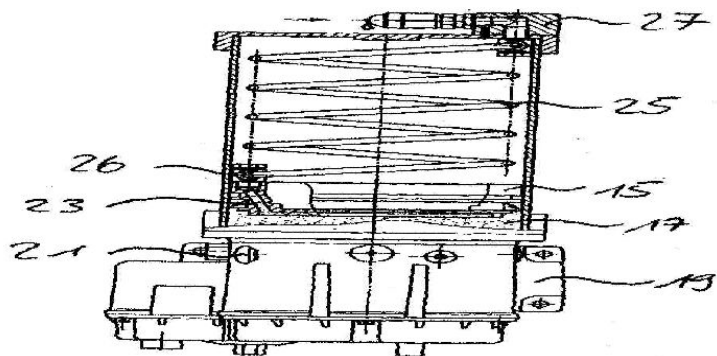


Fig. 3

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.849/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :07/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : A CROWN-TYPE SIZER FOR A HANGER

(51) International classification	:G06F
(31) Priority Document No	:VI2009A000091
(32) Priority Date	:27/04/2009
(33) Name of priority country	:Italy
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MAINETTI S.P.A.
Address of Applicant :VIA CASARETTE, 58, 36070
CASTELGOMBERTO (VICENZA), Italy
(72)**Name of Inventor :**
1)MAINETTI MARIO

(57) Abstract :

An information processing apparatus includes a first touch panel, a second touch panel, and a controller. The first touch panel displays a first object and detects a first touch operation of a user on the first object. The second touch panel displays a second object and detects a second touch operation of the user on the second object. The controller links and changes the displayed first object and the displayed second object when the second touch operation is detected within a predetermined time period since the first touch operation has been detected.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.902/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :15/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : STABILIZED POLYMER COMPOSITIONS

(51) International classification	:C08L
(31) Priority Document No	:61/212,735
(32) Priority Date	:15/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROHM AND HAAS COMPANY

Address of Applicant :100 INDEPENDENCE MALL WEST,
PHILADELPHIA, PENNSYLVANIA 19106-2399, U.S.A.

(72)Name of Inventor :

1)JIAN-YANG CHO

2)ERIC G. LUNDQUIST

(57) Abstract :

This invention relates to the thermal stabilization of halogen-containing polymer compositions, more particularly, this invention relates to a poly(vinyl chloride) (PVC) or a chlorinated polyvinyl chloride (cPVC) composition comprising an alkyl tin stabilizer and at least one salt of a polymeric polyacid such as a polycarboxylic acid salt supported on a polymeric material.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7099/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :07/10/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : DIRECT HEATING ORGANIC RANKING CYCLE□

(51) International classification	:f02g
(31) Priority Document No	:12/045,454
(32) Priority Date	:10/03/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/000441
Filing Date	:05/03/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ORMAT TECHNOLOGIES INC.
Address of Applicant :6225 Neil Road Suite 300 Reno NV
89511-1136 UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)BATSCHA Dany
2)ARGAS Shlomi
3)LESHEM Avinoam

(57) Abstract :

The present invention provides an organic Rankine cycle power system, which comprises means for superheating vaporized organic motive fluid, an organic turbine module coupled to a generator, and a first pipe through which superheated organic motive fluid is supplied to the turbine, wherein the superheating means is a set of coils through which the vaporized organic motive fluid flows and which is in direct heat exchanger relation with waste heat gases.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7552/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :26/10/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : APPARATUS FOR GENERATING SENSATIONS OF MOVEMENT AND FOR PHYSICAL REHABILITATION □

(51) International classification	:a63f	(71)Name of Applicant :
(31) Priority Document No	:0802242	1)CENTRE NATIONAL DE LA RECHERCHE
(32) Priority Date	:22/04/2008	SCIENTIFIQUE
(33) Name of priority country	:France	Address of Applicant :3 rue Michel-Ange F-75016 PARIS
(86) International Application No	:PCT/IB2009/005330	FRANCE.
Filing Date	:22/04/2009	2)UNIVERSITE D'AIX-MARSILLE
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)ROLL Jean-Pierre
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The appliance designed to allow a living being to perceive sensations of virtual movements of part of his body (1) comprises a control unit (30, 40, 41, 42, 43) in which is stored a table (30) containing a first plurality (P1) of basic excitation signals, a second plurality (P2) of macro-motifs (31, 32) each formed by a third plurality proper (P3) of said basic signals, a sequencer (43) reading the macro-motifs (31, 32) in order to emit a second plurality (P2) of corresponding commands for excitation, each time, of a third plurality proper (P3) of vibrators (61) selected from among a first plurality (P1) of vibrators (61) carried by a coupling support (3) in predetermined respective zones of the part of the body (1), the excitation of the third ...

No. of Pages : 32 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.789/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :06/02/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : WATER PURIFICATION SYSTEM

(51) International classification	:C02F
(31) Priority Document No	:2007-205620
(32) Priority Date	:07/08/2007
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2008/063884
Filing Date	:01/08/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SANYO ELECTRIC CO. LTD.
Address of Applicant :5-5 Keihanhondori 2-chome
Moriguchi-shi Osaka 570-8677 Japan
(72)**Name of Inventor :**
1)HIROTA Tatsuya
2)INAMOTO Yoshihiro
3)IWASAKI Masaru
4)KIDA Hiromichi
5)KOCHI Motoki

(57) Abstract :

A water purification system (1) according to the present invention includes: a primary water storage tank (2) which retains well water, water drawn from a water source such as a river or a pond, or rainwater as raw water; a water quality improvement unit (4) which circulates the raw water from the primary water storage tank (2) to purify the raw water; a secondary water storage tank (3) which retains clean water obtained through the purification in the primary water storage tank (2);

No. of Pages : 41 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8263/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/11/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : PHENYL OR PYRIDINYL SUBSTITUTED INDAZOLES DERIVATIVES □

(51) International classification :c07d
(31) Priority Document No :61/054,616
(32) Priority Date :20/05/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2009/000265
Filing Date :20/05/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ASTRAZENECA AB
Address of Applicant :S-151 85 Sdertlje SWEDEN
2)BAYER SCHERING PHARMA AG
(72)Name of Inventor :
1)BERGER Markus
2)DAHMEN Jan
3)EDMAN Karl
4)HANSSON Thomas
5)HEMMERLING Martin
6)HOSSAIN Nafizal
7)JOHANSSON Henrik
8)LEPIST- Matti
9)NILSSON Stinabritt
10)REHWINKEL Hartmut

(57) Abstract :

A compound of formula Ia: Formula (Ia) The present invention relates to novel indazolyl derivatives, to pharmaceutical compositions comprising such derivatives, to processes for preparing such novel derivatives and to the use of such derivatives as medicaments.

No. of Pages : 73 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8264/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/11/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : OPTICAL IMAGING LENS SYSTEMS□

(51) International classification	:g02b	(71)Name of Applicant :
(31) Priority Document No	:PCT/SG2008/000136	1)DHARMATILLEKE Saman
(32) Priority Date	:23/04/2008	Address of Applicant :71 Chu Lin Road Singapore 669960
(33) Name of priority country	:PCT	Singapore
(86) International Application No	:PCT/SG2009/000151	2)DHARMATILLEKE Medha
Filing Date	:23/04/2009	(72)Name of Inventor :
(87) International Publication No	: NA	1)DHARMATILLEKE Saman
(61) Patent of Addition to Application	:NA	2)DHARMATILLEKE Medha
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Optical imaging lens systems are disclosed in which a lens assembly (110) is operable to simultaneously focus light rays originating from various distances onto a first focal plane which is maintained at a fixed distance from the lens assembly (110). To this purpose, the lens assembly (110) may have at least one non-uniform optical property

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5781/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :13/08/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : COLLOIDAL TITANIUM DIOXIDE SOLS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:b01j :12/031,425 :14/02/2008 :U.S.A. :PCT/US2008/072125 :04/08/2008 : NA :NA :NA :NA :NA	(71) Name of Applicant : 1)MILLENNIUM INORGANIC CHEMICALS INC. Address of Applicant :20 Wight Avenue Suite 100 Hunt Valley Maryland 21030 United States of America (72) Name of Inventor : 1)FU Guoyi 2)MONK BillieJo M.
---	---	---

(57) Abstract :

Stable, translucent or transparent titanium dioxide sols comprising amorphous titanium dioxide and an organic peptizing agent are provided that are useful in particulate binding applications. Also provided are methods for preparing the inventive sols. The inventive sols are prepared from titanium dioxide precursors including organotitanium compounds and water-soluble titanium salts that are treated to precipitate amorphous titanium dioxide.

No. of Pages : 25 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5909/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/08/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : A HOIST□

(51) International classification	:b66d
(31) Priority Document No	:200800847-6
(32) Priority Date	:30/01/2008
(33) Name of priority country	:Singapore
(86) International Application No	:PCT/SG2009/000038
Filing Date	:30/01/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SEOW Tiong Bin
Address of Applicant :Blk 238 Bishan St 22 #11-230
Singapore 570238 Republic of Singapore
(72)**Name of Inventor :**
1)SEOW Tiong Bin

(57) Abstract :

Hoists for hoisting loads by means of a cable are in existence for a long period. There are various types of hoists, which include winches and capstans. Generally, the principle of operation of a hoist is based on the cable being driven by adherence of the cable to the drum of the hoist. A hoist is described according to an embodiment of the present invention. The hoist comprises a drum, a plurality of guides, a guide support and a biasing device for displacing a portion of a cable away from the guide when the drum is rotationally displaced to thereby hoist a load.

No. of Pages : 26 No. of Claims : 39

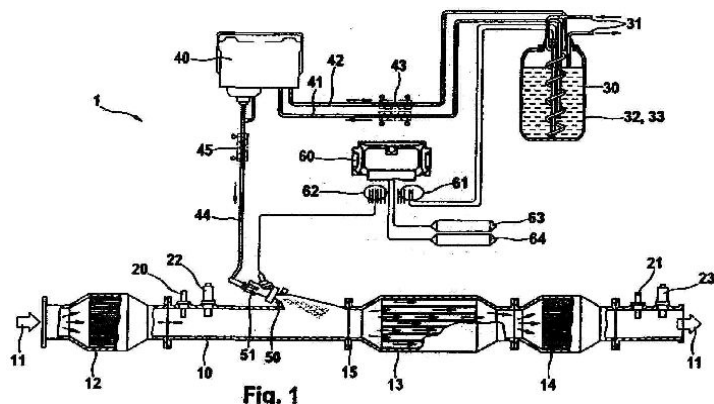
(54) Title of the invention : METHOD AND DEVICE FOR CONTROLLING ACTUATORS

(51) International classification :H02K
 (31) Priority Document No :102010001004.9
 (32) Priority Date :19/01/2010
 (33) Name of priority country :Germany
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)ROBERT BOSCH GMBH
 Address of Applicant :POSTFACH 30 02 20, 70442
 STUTTGART, Germany
 (72)Name of Inventor :
1)DAEMMRICH, UWE
2)KALBAS, GUIDO

(57) Abstract :

The present subject matter relates to a method and a device for controlling actuators within an electrical voltage system, which includes different operating voltages and/or temporally changing electrical system voltage. According to the present subject matter, the actuators are controlled with different pulse width modulated control signals (71). Further, pulse width and periodic duration of the control signals (71) are adjusted independently from each other and are adjusted on the basis of an actual electrical system voltage.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.839/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :06/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : CHAMFER CUT

(51) International classification

:B23F

(31) Priority Document No

:10 2009

(32) Priority Date

019 433.9

(33) Name of priority country

:29/04/2009

(86) International Application No

:Germany

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GLEASON-PFAUTER MASCHINENFABRIK GMBH

Address of Applicant :DAIMLERSTRASSE 14, D-71636

LUDWIGSBURG, Germany

(72)Name of Inventor :

1)MATTHIAS PHILIPPIN

2)JUERGEN PASTOW

(57) Abstract :

A method and a device for machining the tooth edges (23, 25) developed between each end face (22, 24) and the tooth flanks (26, 27) of end-cut work wheels (2). The axis of rotation (20) of the spindle that carries the machining tool (21) is displaced around an orthogonal swivel axis (16) relative to the tool axis of rotation so that the cutting directions are opposite to each other with respect to the work wheel (2) in the machining of the lower tooth edges (23) and the upper tooth edges (25).

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

(54) Title of the invention : RECOVERY OF MONOBUTYLTIN TRICHLORIDE

(51) International classification :C23C 16/40
 (31) Priority Document No :12/414,818
 (32) Priority Date :31/03/2009
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2010
 Filing Date :24/03/2010
 (87) International Publication No :WO
 2010/117638
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)PPG INDUSTRIES OHIO ,INC.Address of Applicant :3800 WEST 143RD STREET,
CLEVELAND, OHIO 44111, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)LOZANO, WAGNER, R.

(57) Abstract :

Monobutyltinchloride (MBTC) is recovered from an effluent vapor stream of a chemical vapor deposition coating process practiced to deposit a fluorine doped tin oxide layer over a glass ribbon. The vapor stream is condensed to a temperature to increase the ratio of MBTC to water in the liquid condensate. The condensed liquid is stored in a phase separation tank (134) to separate the condensed liquid into at least two layers. The layers are individually removed from the phase separation tank, and the layer from the phase separation tank having a density equal to or greater than 80% the density of MBTC is further processed through a vacuum distilling operation to provide MBTC of an acceptable quality to use in the recovered MBTC in the coating process. The recovered MBTC is added to the coating precursors of the chemical deposition process.

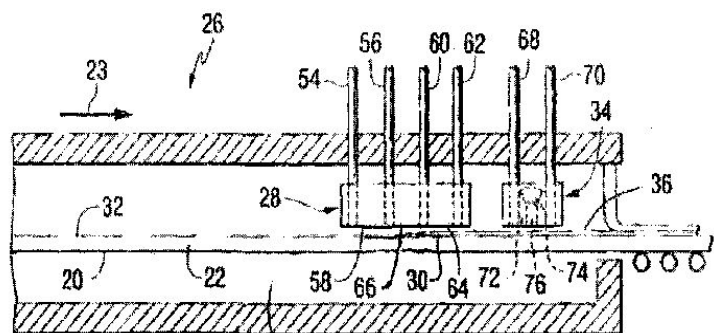


FIG. 1
PRIOR ART

No. of Pages : 23 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7417/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :20/10/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : PHARMACEUTICAL PRODUCT COMPRISING A MUSCARINIC RECEPTOR ANTAGONIST AND A 2-ADRENOCEPTOR AGONIST□

(51) International classification	:a61k	(71)Name of Applicant :
(31) Priority Document No	:0808710.8	1)ASTRAZENECA AB
(32) Priority Date	:13/05/2008	Address of Applicant :S-151 85 Sodertalje SWEDEN
(33) Name of priority country	:U.K.	2)PULMAGEN THERAPEUTICS (SYNERGY) LIMITED
(86) International Application No	:PCT/SE2009/050525	(72)Name of Inventor :
Filing Date	:12/05/2009	1)BULL RICHARD JAMES
(87) International Publication No	: NA	2)FORD RHONAN
(61) Patent of Addition to Application Number	:NA	3)MATHER ANDREW
Filing Date	:NA	4)METE ANTONIO
(62) Divisional to Application Number	:NA	5)WILEY KATHERINE
Filing Date	:NA	

(57) Abstract :

The invention provides a pharmaceutical product, kit or composition comprising a first active ingredient which is a selected muscarinic receptor antagonist, and a second active ingredient which is a I²2-adrenoceptor agonist, of use in the treatment of respiratory diseases such as chronic obstructive pulmonary disease and asthma.

No. of Pages : 107 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.758/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :03/02/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : FIBREFILL FIBRE HAVING IMPROVED OPENING CHARACTERISTICS, METHOD OF PRODUCTION AND USE THEREOF

(51) International classification	:D01F 2/00
(31) Priority Document No	:A 1082/2007
(32) Priority Date	:11/07/2007
(33) Name of priority country	:Austria
(86) International Application No	:PCT/AT08/000237
Filing Date	:27/06/2008
(87) International Publication No	:WO 2009/006656
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LENZING AG

Address of Applicant :WERKSTRASSE 2, A-4860

LENZING, AUSTRIA

(72)Name of Inventor :

1)JOHANN MANNER

2)SUSANNE JARY

3)DENITZA IVANOFF

4)PETER DOBSON

5)MARKUS HAGER

6)HEINRICH FIRGO

(57) Abstract :

The present invention relates to a process for producing a cellulosic fibre, in particular a lyocell fibre which has improved opening characteristics and therefore is particularly useful for blending with feathers, in particular with down, to such a fibrefill fibre and to the use of this fibrefill fibre in mixtures for bedding and clothing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.929/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :10/02/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : LOW-ENERGY EXTRACTIVE DISTILLATION PROCESS FOR DEHYDRATION OF AQUEOUS ETHANOL

(51) International classification :B01D
(31) Priority Document No :11/827,896
(32) Priority Date :13/07/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/008223
Filing Date :01/07/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)AMT INTERNATIONAL INC.

Address of Applicant :5028 Tennyson Parkway Plano TX
75024 United States of America

2)CPC CORPORATION TAIWAN

(72)Name of Inventor :

1)Fu-Ming LEE

2)Tzong-Bin LIN

3)Jyh-Haur HWANG

4)Hung-Chung SHEN

5)Kuang-Yeu WU

6)Lindsey VUONG

7)Fong-Cheng SU

8)Po-Sung CHENG

9)Tai-Ping CHANG

(57) Abstract :

An energy-efficient extractive distillation process for producing anhydrous ethanol from aqueous/ethanol feeds containing any range of ethanol employs an extractive distillation column (EDC) that operates under no or greatly reduced liquid reflux conditions. The EDC can be incorporated into an integrated process for producing anhydrous ethanol used for gasoline blending from fermentation broth. By using a high-boiling extractive distillation solvent, no solvent is entrained by the vapor phase to the EDC overhead stream, even under no liquid reflux conditions. The energy requirement and severity of the EDC can be further improved by limiting ethanol recovery in the EDC.

No. of Pages : 42 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7324/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :15/10/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : PURIFIED BACTERIAL MINICELLS □

(51) International classification	:c12n
(31) Priority Document No	:10/602,021
(32) Priority Date	:24/06/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2004/002091
Filing Date	:23/06/2004
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:5288/DELNP/2005
Filed on	:16/11/2005

(71)**Name of Applicant :**
1)ENGINEIC MOLECULAR DELIVERY PTY LTD.
Address of Applicant :105 Delhi Road Riverside Corporate
Park North Ryde New South Wales 2113 Australia
(72)**Name of Inventor :**
1)BRAHMBHATT Himanshu
2)MACDIARMID Jennifer

(57) Abstract :

The present invention provides a method for purifying bacterial minicells that involves subjecting a sample containing minicells to density gradient centrifugation in a biologically compatible medium. The method optionally includes a preliminary differential centrifugation step and one or more filtration steps. The invention also provides a method for purifying bacterial minicells in which a sample containing minicells is subjected to a condition that induces parent bacterial cells to adopt a filamentous form, followed by filtration of the sample to separate minicells from parent bacterial cells. The inventive methods optionally include one or more steps to remove endotoxin from purified minicell preparations, and/or treatment of purified minicell preparations with an antibiotic. Additionally, the invention provides purified minicell preparations, prepared according to the foregoing methods, and containing fewer than about 1 contaminating parent bacterial cell per 107, 108, 109, 1010, or 1011 minicells.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2010

(21) Application No.7782/DELNP/2010 A

(43) Publication Date : 13/09/2013

(54) Title of the invention : LASER DOPPLER VELOCIMETER □

(51) International classification :g01p

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2008/005515

Filing Date :30/04/2008

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)OPTICAL AIR DATA SYSTEMS LLC

Address of Applicant :10781 James Payne Court Manassas
VA 20110 United States of America

(72)Name of Inventor :

1)ROGERS Phillip L.

2)CHANG Chia Chen

3)MAMIDIPUDI Priyavadan

4)LECLAIR Lance

5)GATCHELL Peter

6)DAKIN Daniel

7)DAKIN Elizabeth A.

(57) Abstract :

A laser Doppler velocimeter is formed using a fiber laser as the lasing medium. Within the velocimeter, all optical signals, transmitted and received, are conveyed by optical fibers. An amplifier amplifies a source laser, which is then transmitted to one or more transceivers. The one or more transceivers, each projecting along a different axis, and each with a single optical fiber input/output interface act as both the transmission device to focus the radiation at a target region, and as the receiving system for collecting reflected radiation. The transceivers each include an amplifier to further amplify the radiation received from the laser source. The one or more transceivers transmit radiation simultaneously to the target region, and may be located remotely from the laser source.....

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2479/DEL/1995 A

(19) INDIA

(22) Date of filing of Application :29/12/1995

(43) Publication Date : 13/09/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE MANUFACTURE OF HYDROQUINONE AND CATECHOL

(51) International classification	:C07C 37/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :RAFI MARG, NEW DELHI-110001, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)ROBERT RAJA
Filing Date	:NA	2)PAUL RATNASAMY
(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 an improved process for the manufacture of hydroquinone and catechol. More particularly this invention relates to a process for the oxidation of phenol to a mixture of hydroquinone and catechol using hydrogen peroxide as the oxidant in the presence of a solid catalyst containing an organotransition metal complex. In the prior art process in significant amount of having oxidation product, tar is produced. In the present process formation of tar is reduced there by increasing the yield of products. Phenol and aqueous hydrogen peroxide are reacted in pressure of solid catalyst consisting of an organotransition metal complex. The product is isolated and separated by known conventional methods.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2618/DEL/2008 A

(19) INDIA

(22) Date of filing of Application :19/11/2008

(43) Publication Date : 13/09/2013

(54) Title of the invention : SAFE SIGNAL TRAIN TRACK

(51) International classification

:B61L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SULTAN SINGH JAIN

Address of Applicant :359, VARDHMAN NIKETAN, 29-CIVIL, LINES, ROORKEE-247667 DISTT.-HARDWAR Uttarakhand India

(72)Name of Inventor :

1)SULTAN SINGH JAIN

(57) Abstract :

Characterised by a life wire - 24 shown in fig. 7,11,12,13 & 16. laid overhanging stretched about 6 above the centre of roof of an engine varj.of a train-62 all along the entire track-63 except it is discontinued with an air gap of 12 approx. shown in fig.15 and the track 63 also discontinued below it with an air gap of - with a station-45 command length; the said Life wire 24 supported through supporting wire-55 fitted on an insulator arms 21 shown in fig. 14 keeping its underside obstruction free for providing a smooth surface to spring conductors-43A and spring conductor 43B fitted on the roof 6 above the engine van of a train making a good conductivity with a life wire 24 as explained in the specification..

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.89/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :18/01/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : DUAL MODE MULTI-LEVEL PARKING SYSTEM

(51) International classification	:E04H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SOHI JASBIR SINGH
(32) Priority Date	:NA	Address of Applicant :10894, SANTOSH NAGAR,
(33) Name of priority country	:NA	HAIBOWAL KALAN, LUDHIANA, PUNJAB. 141001 (INDIA)
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SOHI JASBIR 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 :

THE INVENTION DISCLOSE A DUAL MODE MULTILEVEL PARKING SYSTEM HAVING PLURALITY OF CHAMBER AND ATLEAST ONE PARKING LEVELS IN WHICH VEHICLES ARE PARKED BY MEANS OF AT LEAST ONE ELEVATOR HAVING ROTATOR PLATFORM. THE PLATFORM AND THE CHAMBERS ARE PROVIDED WITH CONVEYER BELT TO TRANSFER THE VEHICLE FROM THE PLATFORM OF LIFT INTO THE CHAMBER AND BACK. THE COMPLETE SYSTEM IS PROVIDED WITH THE BACKUP OF OPERATING THE SYSTEM MANUALLY USING WEIGHTS.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.906/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :15/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : WIND TURBINE BLADE WITH INTEGRATED STALL SENSOR AND ASSOCIATED METHOD OF DETECTING STALL OF A WIND TURBINE BLADE

(51) International classification	:F03D
(31) Priority Document No	:12/433,007
(32) Priority Date	:30/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345 UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)FISHER MURRAY

(57) Abstract :

A wind turbine includes an electrical stall sensor (26) configured on a pressure surface (23,24) of at least one turbine blade at a location to detect backflow in a stall condition. The stall sensor includes a flap (30) pivotally configured on the respective pressure surface so as to be moved from a first position towards a second position by backflow over the pressure surface during a stall condition. A sensor circuit (32) responds to movement of the flap between the first and second positions and generates a corresponding electrical signal that indicates the stall condition.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8218/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :20/11/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : DIAMOND MATERIAL

(51) International classification	:c30b
(31) Priority Document No	:0813491.8
(32) Priority Date	:23/07/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/001826
Filing Date	:22/07/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ELEMENT SIX LIMITED

Address of Applicant :Isle of Man Freeport Ballasalla Isle of Man IM99 6QA Great Britain U.K.

(72)Name of Inventor :

1)SCARSBROOK Geoffrey Alan

2)TWITCHEN Daniel James

3)MARKHAM Matthew Lee

(57) Abstract :

Single crystal diamond having a high chemical purity i.e. a low nitrogen content and a high isotopic purity i.e. a low ¹³C content, methods for producing the same and a solid state system comprising such single crystal diamond are described.

No. of Pages : 82 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8219/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :20/11/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : SOLID STATE MATERIAL

(51) International classification	:c04b
(31) Priority Document No	:0813490.0
(32) Priority Date	:23/07/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/001814
Filing Date	:22/07/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ELEMENT SIX LIMITED

Address of Applicant :Isle of Man Freeport Ballasalla Isle of Man IM99 6AQ Great Britain U.K.

(72)Name of Inventor :

1)SCARSBROOK Geoffrey Alan

2)TWITCHEN Daniel James

3)MARKHAM Matthew Lee

(57) Abstract :

A solid state system comprising a host material and a quantum spin defect, wherein the quantum spin defect has a T2 at room temperature of about 300 μ s or more and wherein the host material comprises a layer of single crystal CVD diamond having a total nitrogen concentration of about 20 ppb or less, wherein the surface roughness, Rq of the single crystal diamond within an area defined by a circle of radius of about 5 μ m centred on the point on the surface nearest to where the quantum spin defect is formed is about 10 nm or less, methods for preparing solid state systems and the use of single crystal diamond having a total nitrogen concentration of about 20 ppb or less in spintronic applications are described.

No. of Pages : 87 No. of Claims : 23

(54) Title of the invention : AXLE CONSTRUCTION FOR A VEHICLE, IN PARTICULAR FOR A COMMERCIAL VEHICLE

(51) International classification

:B60G

(31) Priority Document No

:10 2009

(32) Priority Date

017 287.4

(33) Name of priority country

:11/04/2009

(86) International Application No

:Germany

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)MAN TRUCK & BUS AG.

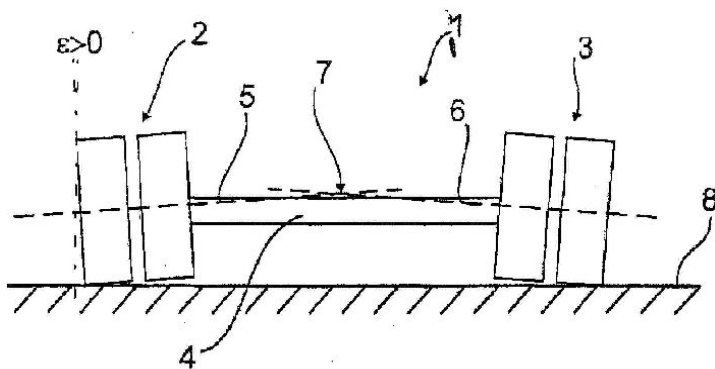
Address of Applicant :OF DACHAUER STRASSE 667, D-80995 MUNCHEN, GERMANY

(72)Name of Inventor :

1)ZIMMER, MARTIN**2)SIRCH, ROBERT**

(57) Abstract :

The invention relates to an axle construction for a vehicle, in particular for a commercial vehicle, with an unsteered rigid axle (1) which bears the vehicle wheels (2, 3) indirectly or directly. According to the invention, the unsteered rigid axle (1) is formed such that the vehicle wheels (2, 3), when the rigid axle (1) is non-loaded, are arranged at a positive camber angle on the rigid axle (1).

**Fig. 4**

No. of Pages : 11 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.900/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :15/04/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : STABILIZED POLYMER COMPOSITIONS

(51) International classification	:C08L	(71)Name of Applicant :
(31) Priority Document No	:61/212,735	1)ROHM AND HAAS COMPANY
(32) Priority Date	:15/04/2009	Address of Applicant :100 INDEPENDENCE MALL WEST,
(33) Name of priority country	:U.S.A.	PHILADELPHIA, PENNSYLVANIA, 19106-2399, UNITED
(86) International Application No	:NA	STATES OF AMERICA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)BAHAR AZIMPOUR
(61) Patent of Addition to Application Number	:NA	2)JIAN-YANG CHO
Filing Date	:NA	3)ERIC G. LUNDQUIST
(62) Divisional to Application Number	:NA	4)GENE NORRIS
Filing Date	:NA	

(57) Abstract :

This invention relates to the thermal stabilization of halogen-containing polymer compositions, more particularly, this invention relates to a poly(vinyl chloride) (PVC) or a chlorinated polyvinyl chloride (cPVC) composition comprising a methyl tin stabilizer and at least one salt of a polyacid material such as a polycarboxylic acid, a phosphoric acid, or a boric acid.

No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.696/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :23/03/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : PACKAGE FOR ELECTRONIC STORAGE DEVICE

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:098218127	1)ORIENT SEMICONDUCTOR ELECTRONICS
(32) Priority Date	:01/10/2009	LIMITED
(33) Name of priority country	:Taiwan	Address of Applicant :NO.9, CENTRAL 3RD ST., N.E.P.Z.,
(86) International Application No	:NA	KAOHSIUNG CITY 811, TAIWAN R.O.C
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)TUNG, YUEH-MING
(61) Patent of Addition to Application Number	:NA	2)YANG, CHIA-MING
Filing Date	:NA	3)LIN, SHU-HUI
(62) Divisional to Application Number	:NA	4)TSAL, JIA-NI
Filing Date	:NA	5)TSAL, HSIU-FANG

(57) Abstract :

A package for electronic storage device is disclosed. The package includes a substrate, a plurality of passive electronic components, a controller die, a memory die, and a connector. The passive electronic components, the controller die, and the memory die are attached on a top surface of the substrate and electrically connected to a connecting circuit formed on the top surface. In addition, the passive electronic components, the controller die, and the memory die are encapsulated by an insulating material. Terminals of the connector are attached to contacts which are formed on a bottom surface of the substrate and electrically connected to the connecting circuit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6322/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :07/09/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : A METHOD OF PREPARING A XYLENE PRODUCT□

(51) International classification	:c07c
(31) Priority Document No	:NA
(32) Priority Date	: -
(33) Name of priority country	:
(86) International Application No	:PCT/US2005/006757
Filing Date	:02/03/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:5384/DELNP/2006
Filed on	:18/09/2006

(71)**Name of Applicant :**
1)SAUDI BASIC INDUSTRIES CORPORATION
Address of Applicant :P.O. Box 5101 11422 RIYADH Saudi Arabia
(72)**Name of Inventor :**
1)Ghosh Ashim Kumar
2)Harvey Pamela

(57) Abstract :

The present invention relates to a method of preparing a xylene product comprising contacting a zeolite catalyst with an aromatic feed of toluene under reaction conditions suitable for at least one of toluene methylation and transalkylation, wherein said zeolite catalyst is modified by a method characterized in that a zeolite is treated with a phosphorus-containing acid solution in which alumina is dissolved.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7081/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :06/10/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : FLEXIBLE POLYPROPYLENE WITH HIGH IMPACT STRENGTH□

(51) International classification	:c08l
(31) Priority Document No	:08007217.6
(32) Priority Date	:11/04/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/000149
Filing Date	:13/01/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BOREALIS TECHNOLOGY OY
Address of Applicant :P.O. Box 330 FIN-06101 Porvoo
Finland

(72)**Name of Inventor :**
1)GAHLEITNER Markus
2)MACHL Doris
3)KLIMKE,Katja
4)PHAM Tung

(57) Abstract :

The present invention is directed to a first polypropylene composition comprising a propylene copolymer as matrix phase (A) comprising a homo/random/block copolymer consisting of a) a propylene homopolymer (A1); b) a propylene random copolymer (A2); and c) an ethylene-propylene rubber (EPR) (A3)

No. of Pages : 36 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.636/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : COMPOSITIONS FOR RETARDED RELEASE OF ORAL DOSAGE FORMS AND METHOD OF PRODUCING THEM

(51) International classification	:A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)IDEAL CURES PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :A-223-229, 2ND FLOOR, VIRWANI
(33) Name of priority country	:NA	INDUSTRIAL ESTATE, OFF. WESTERN EXPRESS
(86) International Application No	:NA	HIGHWAY, GOREGAON (EAST), MUMBAI-400 063
Filing Date	:NA	Maharashtra India
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MR. SURESH PAREEK
Filing Date	:NA	2)DR. ASHOK OMRAY
(62) Divisional to Application Number	:NA	3)MR. VIJAY SHARMA
Filing Date	:NA	

(57) Abstract :

Provided are dry ready to use modified release dosage formulation composition comprising a matrix of cellulosic polymers components having plurality of layers, glidant, lubricant thereby providing controlled or retarded release rate of Non-steroidal anti-inflammatory drugs (NSAIDs) or anti-diabetic drugs from the oral dosage form/tablet. Dry composition are applicable to drug, veterinary and agricultural formulation, it could be applied to the retarded release of fertilizers, insecticides or specific protection agents. Disclosed are ready-to-use modified release compositions capable of regulating release of Non-steroidal anti-inflammatory drugs (NSAIDs) and anti-diabetic at various dosage strength, a process for production thereof and also use thereof as formulated pharmaceutical compositions.

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2457/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :03/09/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : A CATALYST COMPOSITION FOR HYDROPURIFICATION OF CRUDE TEREPHTHALIC ACID AND A METHOD THEREOF

(51) International classification	:B01J 23/40; B01J 23/44	(71)Name of Applicant : 1)RELIANCE INDUSTRIES LIMITED Address of Applicant :RELIANCE TECHNOLOGY GROUP. BUILDING NO.7, B WING, GROUND FLOOR, RELIANCE CORPORATE PARK, THANE-BELAPUR ROAD, GHANSOLI, NAVI - MUMBAI: 400 701, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)GANESHPURE PRALHAD AMBADAS
Filing Date	:NA	2)LANDE, SHARAD VASUDEORAO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a catalyst composition for hydropurification of crude terephthalic acid and a process for providing the catalyst composition. The catalyst composition of the present invention comprises: a carrier material having a porous absorptive surface with a BET surface area of 200 - 400 m²/g and a pore volume of 1 to 2.5 cm³/g; and a Group VIII noble metal in the form of nanoparticles (100) with particle size between 10 - 20 nm impregnated on the carrier material. The present invention further discloses a process for hydropurification of crude terephthalic acid using the catalyst composition.

No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2721/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :18/09/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : ENTERPRISE LICENSE REGISTRAR ANCHOR POINT

(51) International classification	:G06F17/60	(71) Name of Applicant :
(31) Priority Document No	:13/414, 293	1)AVAYA INC
(32) Priority Date	:07/03/2012	Address of Applicant :211, MOUNT AIRY ROAD BASKING
(33) Name of priority country	:U.S.A.	RIDGE NEW JERSEY 07920 U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)YOAKUM, JOHN H.
(87) International Publication No	:N/A	2)WALKER, WILLIAM T.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and systems for providing an enterprise license registrar anchor point are provided. More particularly, an enterprise license registrar is established within an enterprise system using license files and a certificate provided by an external license authority. The enterprise license registrar operates within the enterprise system to maintain a record of allocations of license rights by license manager servers to application instances. The enterprise license registrar logs the report data. The log files are digitally signed or encrypted to prevent tampering by the enterprise system, and are delivered to the external license authority, without requiring a persistent connection between the external license authority and the enterprise system. The enterprise system can comprise a virtualized environment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2486/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :08/09/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : A COMPLETELY AUTOMATED COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR PIRACY CONTROL BASED ON UPDATE REQUESTS

(51) International classification	:G06F21/22; G06F 21/10	(71) Name of Applicant : 1)QUICK HEAL TECHNOLOGIES (P) LTD. Address of Applicant :603 MAYFAIR TOWERS II, MUMBAI-PUNE ROAD, SHIVAJINAGAR, PUNE 411005, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KATKAR SANJAY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An automated system and method for piracy control based on user generated updates is described. The system and method described herein renders human intervention for piracy control superfluous and therefore, is cost-effective and consumes lesser time. The automated system and method for piracy control based upon update requests, significantly reduces the number of update requests by pirated copies of the software, reduces the burden on the update server and smoothenes the overall user experience for legitimate users of the software.

No. of Pages : 19 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2718/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :18/09/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : USING FACTOR ANALYSIS TO IMPROVE WORK ASSIGNMENT PERFORMANCE

(51) International classification	:G06F17/60	(71) Name of Applicant :
(31) Priority Document No	:13/414, 930	1)AVAYA INC
(32) Priority Date	:08/03/2012	Address of Applicant :211, MOUNT AIRY ROAD BASKING
(33) Name of priority country	:U.S.A.	RIDGE NEW JERSEY 07920, U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)TERRY DON JENNINGS
(87) International Publication No	:N/A	2)PAUL ROLLER MICHAELIS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In the next generation contact center, a plethora of attributes may be used to describe incoming work requests as well as agents able to handle the work. A work assignment engine may have to sort through hundreds of combinations of attributes in order to identify the optimal or a close-to-optimal solution. One of the problems is how to process this amount of information quickly, as discussed above, at times on systems that do not have the computational horsepower to analyze complex data in a timely manner. This can create a tremendous, unmanageable computational burden for the contact center. One exemplary embodiment reduces the computational burden, and provides additional benefits, by employing a contact center-optimized extension of factor analysis techniques. In general, factor analysis is a statistical method used to describe variability among observed, correlated variables, e.g., attributes, in terms of a potentially lower number of unobserved, uncorrelated variables called factors.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.939/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : ENDOSCOPIC SYSTEM□

(51) International classification	:A61B 1/00
(31) Priority Document No	:0916374.2
(32) Priority Date	:18/09/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/063742
Filing Date	:17/09/2010
(87) International Publication No	:WO/2011/033089
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)RESPIRATORY CLINICAL TRIALS LIMITED
Address of Applicant :18-22 Queen Anne Street London
W1G 8HU United Kingdom
(72)**Name of Inventor :**
1)ERIN Edward Mark

(57) Abstract :

An endoscopic system comprises an endoscope having a fibre optic cable bundle, an elongate insertion member for insertion into a patient and an operating port. Endoscopic tools, such as cytology brushes, may be inserted into the port. A piece of absorbent material is attached to a cytology brush which acts as a scaffold for the membrane allowing its controlled placement on internal body surfaces after it is inserted into the patient via the port and elongate insertion member. The material absorbs neat fluid from inside the patient. The cytology brush and SAM material are removed and the fluid extracted from the material. The SAM material is discarded, however the cytology brush may be reused on the same patient.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.614/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF ACRIVASTINE AND POLYMORPHIC FORMS THEREOF

(51) International classification	:C07D 211/46	(71)Name of Applicant : 1)CADILA HEALTHCARE LIMITED
(31) Priority Document No	:NA	Address of Applicant :ZYDUS TOWER, SATELLITE
(32) Priority Date	:NA	CROSS ROAD, AHMEDABAD-380 015, GUJARAT, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)PATEL, DHAVAL J.
Filing Date	:NA	2)SHAH, TEJAS C.
(87) International Publication No	:N/A	3)DAVADARA, PRAKASH
(61) Patent of Addition to Application Number	:NA	4)SINGH, MANOJ K.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the new improved, commercially viable economic process for the preparation of Acrivastine. Further the invention also provides polymorphic forms of Acrivastine and processes for the preparation-thereof.

No. of Pages : 31 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.402/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : ARC RUNNER ASSEMBLY FOR MCCB

(51) International classification	:H01H	(71)Name of Applicant :
	1/22	1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L&T HOUSE, BALLARD ESTATE,
(32) Priority Date	:NA	MUMBAI-400001, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)UNNI MOHAN M
Filing Date	:NA	2)R SAMINATHAN
(87) International Publication No	:N/A	
(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 arc runner assembly for a low voltage molded case current limiting circuit breaker. The arc runner assembly comprises a runner element 300 having a C-shaped profile and a repulsive type fixed contact 401 having reverse-loop profile. The said runner element can be easily slide-fitted into the said fixed contact 401.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.626/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : NEW POLYMORPHIC FORMS OF 4'-[(2-METHYL-1,4,5,6-TETRAHYDROIMIDAZO[4,5-D][1]-BENZAZEPIN-6-YL)CARBONYL]-2-PHENYLBENZANILIDE-MONOHYDROCHLORIDE

(51) International classification	:A61K 31/00	(71)Name of Applicant : 1)CADILA HEALTHCARE LIMITED
(31) Priority Document No	:NA	Address of Applicant :ZYDUS TOWER, SATELLITE
(32) Priority Date	:NA	CROSS ROAD, AHMEDABAD-380 015, GUJARAT, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)PATEL, DHAVAL, J.
Filing Date	:NA	2)SHAH, TEJAS, C.
(87) International Publication No	:N/A	3)SINGH, MANOJ, 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 provide a new polymorphic forms W, X, Y, and Z of 4'-[(2-methyl-1,4,5,6-tetrahydroimidazo[4,5-d][1]benzazepin-6-yl)carbonyl]-2-phenylbenzanilide hydrochloride (formula 1) used as arginine vasopressin antagonist.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.947/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : DIET COLA BEVERAGES□

(51) International classification	:A23L 2/56
(31) Priority Document No	:11/686,335
(32) Priority Date	:14/03/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/056764
Filing Date	:13/03/2008
(87) International Publication No	:WO/2008/112839
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2740/MUMNP/2008
Filed on	:24/12/2008

(71)**Name of Applicant :**
1)THE CONCENTRATE MANUFACTURING COMPANY OF IRELAND
Address of Applicant :Williams House 20 Reid Street
Hamilton HM-11 Bermuda.
(72)**Name of Inventor :**
1)LEE Thomas
2)CHANG Pei K.
3)BELL Zena
4)FINNERTY Francis M.

(57) Abstract :

Diet cola beverage and other beverage products and methods for making the same are disclosed. The diet cola beverages comprise water, at least one natural, potent, non-nutritive sweetener, at least one natural, low potency, low calorie sweetener, an acidulant comprising at least one of lactic, citric, tartaric, malic, fumaric, cinnamic, maleic, adipic, glutaric, and succinic acids, a caramel colorant, and cola flavor.

No. of Pages : 27 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2623/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :21/09/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : A MOBILE LPG DISPENSING SYSTEM AND A METHOD THEREOF

(51) International classification	:F17C 7/02; F17C 5/02	(71) Name of Applicant : 1)VANAZ ENGINEERS LTD. Address of Applicant :85/1, PAUD ROAD, PUNE - 411 038, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)SARVAT, S.R.
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(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 dispensing LPG to an automobile is disclosed, said system including a vehicle having a platform; means to securely mount an Auto LPG storage tank on said platform; means to safely fill LPG into said tank; means to hold said vehicle in a locked stationary configuration; means to dispense LPG from said tank to an automobile; means to control vapor built-up inside said LPG tank; and pneumatic control means to control operations of said dispensing means. Other embodiments are also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.959/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : DATA CACHING IN NON-VOLATILE MEMORY □

(51) International classification :G06F 12/02

(31) Priority Document No :61/248,845

(32) Priority Date :05/10/2009

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

(86) International Application No :PCT/US2010/051514

Filing Date :05/10/2010

(87) International Publication No :WO/2011/044154

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MARVELL WORLD TRADE LTD.

Address of Applicant :LHorizon Gunsite Road Brittons Hill
St. Michael Barbados BB 14027 Barbados

(72)Name of Inventor :

1)DESHKAR Shekhar S.

2)KARMARKAR Sandeep

3)PRUTHI Arvind

4)JOHRI Ram Kishore

(57) Abstract :

Methods, systems, and apparatus, including computer programs encoded on a computer storage medium, can perform data caching. In some implementations, a method and system include receiving information that includes a logical address, allocating a physical page in a non-volatile memory structure, mapping the logical address to a physical address of the physical page, and writing, based on the physical address, data to the nonvolatile memory structure to cache information associated with the logical address. The logical address can include an identifier of a data storage device and a logical page number.

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.617/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : MECHANISM FOR OPERATING MOULDED CASE CIRCUIT BREAKER (MCCB)

(51) International classification	:H01H 71/34	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	ELECTRICAL & AUTOMATION NORTH WING, GATE 7,
(33) Name of priority country	:NA	LEVEL 0, POWAI CAMPUS, SAKI VIHAR ROAD, MUMBAI
(86) International Application No	:NA	400 072, MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)JIBANESH ROY
(61) Patent of Addition to Application Number	:NA	2)DEEPAK NAHATA
Filing Date	:NA	3)AKANKSHA TYAGI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a mechanism for operating a modular case circuit breaker (MCCB) without use of an upper link. The mechanism for modular case circuit breaker (MCCB) uses reduced number of components therein thereby reducing cost thereof. Further, the mechanism for MCCB provides ease of assembly thereby increasing productivity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.960/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : VERTICALLY STACKABLE DIES HAVING CHIP IDENTIFIER STRUCTURES□

(51) International classification	:G11C 5/00
(31) Priority Document No	:12/574,919
(32) Priority Date	:07/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/051860
Filing Date	:07/10/2010
(87) International Publication No	:WO/2011/044385
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)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)SUH Jungwon

(57) Abstract :

A vertically stackable die having a chip identifier structure is disclosed. In a particular embodiment, a semiconductor device is disclosed that includes a die comprising a first through silicon via to communicate a chip identifier and other data. The semiconductor device also includes a chip identifier structure that comprises at least two through silicon vias that are each hard wired to an external electrical contact.

No. of Pages : 39 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.961/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : HARD-WIRED IMPLANTED CONTROLLER SYSTEM□

(51) International classification :A61N 1/362

(31) Priority Document No :61/277,135

(32) Priority Date :21/09/2009

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

(86) International Application No :PCT/US2010/049666

Filing Date :21/09/2010

(87) International Publication No :WO/2011/035308

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)HEARTWARE INC.

Address of Applicant :14000 N.W. 57th Court Miami Lakes
FL 33014 U.S.A.

(72)Name of Inventor :

1)YOMTOV Barry

2)BATTY John Robert

3)TAMEZ Daniel

(57) Abstract :

A circulatory assist system is disclosed, the system including an implantable electrical device having an electric motor, an implantable controller connected to the implantable electrical device, and an implantable power source connected to the controller for supplying power to the controller. The controller is attachable to a first side of a percutaneous connector. A second side of the percutaneous connector, opposite to the first side, allows external connectivity to said controller.

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.962/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD AND APPARATUS FOR AUTOMATED DETERMINATION OF FEATURES ON AN ELECTRONIC MAP□

(51) International classification	:G06K 9/00
(31) Priority Document No	:61/250,837
(32) Priority Date	:12/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052055
Filing Date	:08/10/2010
(87) International Publication No	:WO/2011/046835
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)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)GUPTA Rajarshi

2)DAS Saumitra Mohan

3)KHORASHADI Behrooz

4)JEONG Min-Wook

(57) Abstract :

The subject matter disclosed herein relates to a system and method for automatically identifying features of an electronic map.

No. of Pages : 36 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.963/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : BINNING VENUES INTO CATEGORIES BASED ON PROPAGATION CHARACTERISTICS □

(51) International classification :G01S 5/02
(31) Priority Document No :61/252,397
(32) Priority Date :16/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/052908
Filing Date :15/10/2010
(87) International Publication No :WO/2011/047310
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)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)SRIDHARA Vinay
2)DAS Saumitra Mohan
3)NAGUIB Ayman Fawzy
4)NAVARE Manasi Deepak
5)AGGARWAL Alok

(57) Abstract :

Example methods, apparatuses, or articles of manufacture are disclosed herein that may be utilized to facilitate or otherwise support one or more processes or operations in connection with defining and determining a plurality of venue types and binning a plurality of venues into categories based, at least in part, on signal propagation characteristics associated with such venues.

No. of Pages : 69 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.964/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : CONTROL OF VIDEO ENCODING BASED ON IMAGE CAPTURE PARAMETERS□

(51) International classification	:H04N 7/26
(31) Priority Document No	:61/258,913
(32) Priority Date	:06/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054149
Filing Date	:26/10/2010
(87) International Publication No	:WO/2011/056601
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)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)LIANG Liang
2)HUNG Szepo R.

(57) Abstract :

This disclosure describes techniques for improving functionalities of a back-end device, e.g., a video encoder, using parameters detected and estimated by a front-end device, e.g., a video camera. The techniques may involve estimating a blurriness level associated with frames captured during a refocusing process. Based on the estimated blurriness level, the quantization parameter (QP) used to encode blurry frames is adjusted either in the video camera or in the video encoder. The video encoder uses the adjusted QP to encode the blurry frames. The video encoder also uses the blurriness level estimate to adjust encoding algorithms by simplifying motion estimation and compensation in the blurry frames.

No. of Pages : 45 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.612/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : NOVEL COMPOUNDS FOR THE TREATMENT OF DYSLIPIDEMIA AND RELATED DISEASES

(51) International classification	:A61K 31/541	(71)Name of Applicant : 1)CADILA HEALTHCARE LIMITED
(31) Priority Document No	:NA	Address of Applicant :ZYDUS TOWER, SATELLITE
(32) Priority Date	:NA	CROSS ROAD, AHMEDABAD-380 015, GUJARAT, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)PINGALI, HARIKISHORE
Filing Date	:NA	2)MAKADIA, PANKAJ
(87) International Publication No	:N/A	3)PANDYA, VRAJESH
(61) Patent of Addition to Application Number	:NA	4)KALAPATAPU, SAIRAM V.V.M.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to compounds of the general formula (I), their tautomeric forms, their stereoisomers, their pharmaceutically acceptable salts, pharmaceutical compositions containing them, methods for their preparation, use of these compounds in medicine and the intermediates involved in their preparation The present invention is directed to compounds suitable for the treatment of Disease conditions such as hyperlipidemia.

No. of Pages : 45 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.953/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : PHOTOELECTRODE MATERIAL AND PHOTOCELL MATERIAL

(51) International classification :C25B 11/06
(31) Priority Document No :2009-242432
(32) Priority Date :21/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/068548
Filing Date :21/10/2010
(87) International Publication No :WO/2011/049156
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)International Frontier Technology Laboratory Inc.
Address of Applicant :KyodoTsushin Bldg. 2-5 Toranomom
2-chome Minato-ku Tokyo 105-0001 Japan
(72)Name of Inventor :
1)KOMATSU Nobuaki
2)ITO Tomoko
3)NANJO Shin-ichiro
4)NAGAI Hiroki

(57) Abstract :

Provided is a photoelectric conversion material which is obtained through easy processing from a substance containing silicon oxide, which is inexpensive, imposes no burden on the environment, and is stable, as a component. Also provided are a photocell and a secondary photocell both including the conversion material. Any of artificial quartz, molten quartz glass, soda-lime glass, non-alkali glass, and borosilicate glass, which are compositions containing silicon oxide, is pulverized, immersed in an aqueous solution of a hydrohalogenic acid, washed with water, and dried. The resultant material is deposited on an electrode plate and this electrode plate is placed in water to which a suitable electrolyte has been added. This electrode plate is electrically connected to a counter electrode and irradiated with light. Thus, the material is used as a photoelectrode. Alternatively, the material is enclosed together with an organic electrolyte in a vessel having a transparent electrode and a counter electrode, and this vessel is irradiated with light through the transparent electrode. Thus, a photocell is configured.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.967/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : PRESS WITH A DIRECTLY DRIVEN CRANK DRIVE

(51) International classification	:B30B 1/26
(31) Priority Document No	:10 2009 051 876.2
	DE
(32) Priority Date	:04/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/006647
Filing Date	:30/10/2010
(87) International Publication No	:WO/2011/054485
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DIEFFENBACHER GMBH MASCHINEN- UND ANLAGENBAU

Address of Applicant :Heilbronnerstr. 20 75031 Eppingen
Germany

(72)Name of Inventor :

1)GRAF Matthias

(57) Abstract :

The invention relates to a press (21) with at least one press frame (9), a platen mounted therein and a ram (5) driven by means of at least one crank drive (12), wherein an upper mould part (6) is arranged on the ram (5) and a lower mould part (7) is arranged on the press platen (8), wherein at least one crankshaft (1) with at least one crank pin (2) and at least one connecting rod (3) is arranged as the crank drive (12), and wherein at least one direct drive, driving the crankshaft (1) directly, is arranged as the motor (14) for driving the crankshaft (1). The object of the invention is to provide a press in which the input-side forces of the direct drive can be passed on on the output side with much less loading for the crankshaft, and at the same time the overall stiffness of the drive train is increased significantly and/or the overall length of the drive train is minimized. The invention consists in that, with at least one motor (14) arranged within a press (21) with at least two connecting rods (3) on at least one crankshaft (1), at least one motor (14) is arranged between the connecting rods (3).

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2819/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :11/10/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : FOOT PEDAL POSITION SENSORY SYSTEM FOR MOTOR VEHICLE

(51) International classification	:B62M 6/50; B62M 1/32	(71)Name of Applicant : 1)MAHINDRA & MAHINDRA LIMITED Address of Applicant :R & D CENTER, AUTOMOTIVE SECTOR, 89, M.I.D.C. SATPUR, NASHIK - 422 007. MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)NANDAGOPALAN CHIDAMBARAM
(33) Name of priority country	:NA	2)C.P. BHARATH
(86) International Application No	:NA	3)PAUL C. ISAC
Filing Date	:NA	4)SRINIWAS ARAVAPALLI
(87) International Publication No	:N/A	
(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 foot pedal position sensory system for motor vehicle having turning clutch lever 1 consists a blade 2 having foot pad 3 at one end and other end mounted on a pivot located in a motor vehicle pedal box secured in the conventional manner to the stationary support structure or bracket; either a sensor 7 assembly made of hall sensors placed on the said clutch lever 1 and a magnet 6 placed on the said support structure/ bracket or a sensor 7 placed on said support structure/bracket and a magnet 6 placed on the said clutch lever; the said sensor 7 and magnet 6 placed closely with non contact relative movement; and the output of the said hall sensor 7 connected to engine stop start system and engine management system - torque management where the clutch pedal position is required for engine torque management and stop start engine restarts.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.968/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : ORALLY ADMINISTERED CORTICOSTEROID COMPOSITIONS

(51) International classification	:A61K 31/56
(31) Priority Document No	:61/247,642
(32) Priority Date	:01/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/050860
Filing Date	:30/09/2010
(87) International Publication No	:WO/2011/041509
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)APTALIS PHARMATECH INC.

Address of Applicant :845 Center Drive Vandalia Ohio
45377 U.S.A.

(72)Name of Inventor :

1)Gopi M. VENKATESH

2)Stephen PERRETT

3)Fredric Jay COHEN

(57) Abstract :

The present invention is directed to orally administered corticosteroid compositions. The present invention also provides a method for treating a condition associated with inflammation of the gastrointestinal tract in an individual. The method comprises administering to an individual in need thereof a pharmaceutical composition of the present invention.

No. of Pages : 36 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(21) Application No.969/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : BRIDGED HETEROCYCLIC COMPOUNDS AND METHODS OF USE

(51) International classification	:A01N 43/38, A61K 31/40
(31) Priority Document No	:61/245,151
(32) Priority Date	:23/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/050081
Filing Date	:23/09/2010
(87) International Publication No	:WO/2011/038164
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MEDIVATION TECHNOLOGIES INC.

Address of Applicant :201 Spear Street 3rd Floor San Francisco California 94105 U.S.A.

(72)Name of Inventor :

1)JAIN Rajendra Parasmal

2)CHAKRAVARTY Sarvajit

(57) Abstract :

This disclosure relates to new compounds that may be used to modulate a histamine receptor in an individual. Novel compounds are described, including new bridged heterocyclic [4,3-b]indole compounds. Pharmaceutical compositions are also provided. Pharmaceutical compositions comprising the compounds are also provided, as are methods of using the compounds in a variety of therapeutic applications, including the treatment of a cognitive disorder, psychotic disorder, neurotransmitter-mediated disorder and/or a neuronal disorder.

No. of Pages : 199 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.976/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : ADJUVANT FOR VACCINES, VACCINES THAT COMPRISE SAID ADJUVANT AND USES THEREOF

(51) International classification :A61K 39/10
(31) Priority Document No :P2009 0104015
(32) Priority Date :19/10/2009
(33) Name of priority country :Argentina
(86) International Application No :PCT/ES2010/070667
Filing Date :18/10/2010
(87) International Publication No :WO 2011/048248
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)CONSEJO NACIONAL DE INVESTIGACIONES CIENTIFICAS Y TECNICAS (CONICET)

Address of Applicant :RIVADAVIA 1439, C1033AAE, CIUDAD DE BUENOS AIRES, ARGENTINA

2)INIS BIOTECH LLC

(72)Name of Inventor :

1)CORIA, MIRTA L.

2)PASQUEVICH, KARINA A.

3)IBANEZ, ANDRES E.

4)GIAMBARTOLOMEI, GUILLERMO H.

5)CASSATARO, JULIANA

6)DELPINO, MARIA VICTORIA

(57) Abstract :

Adjuvant for vaccines that comprises a non-lipidated bacterial outer-membrane polypeptide (Omp), in which the bacteria may be those of the Brucella genus. The adjuvant may be a modified polypeptide or may, for example, be the Omp19S or Omp16S polypeptide, parts thereof or mixtures of the two. In a preferred embodiment, the adjuvant is the non-lipidated polypeptide included in SEQ ID No: 1, or parts thereof. In a further preferred embodiment, the adjuvant is the non-lipidated polypeptide included in SEQ ID No: 2, or parts thereof.

No. of Pages : 66 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.977/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : SUBMERGED CENTRIFUGAL ELECTRIC PUMP

(51) International classification	:F04D 13/08
(31) Priority Document No	:BO2009A000650
(32) Priority Date	:08/10/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/054499
Filing Date	:05/10/2010
(87) International Publication No	:WO/2011/042862
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PEDROLLO S.P.A.

Address of Applicant :Via E. Fermi 7 I-37047 San Bonifacio

(VR) Italy

(72)Name of Inventor :

1)PEDROLLO Silvano

(57) Abstract :

The submerged centrifugal electric pump comprises an external casing (2) comprising a first and a second tubular portion (5, 7) suitable to be connected coaxial to one another, a pumping unit (3) inserted axially in the first portion (5) of the casing (2) to suction a liquid through a suctioning opening (101) and transfer the liquid in outlet through a discharge opening (11), and a motor unit (4) inserted in the second tubular portion (7) of the casing (2) and provided with a motor shaft (15) suitable to be connected in use to the pumping unit (3). The centrifugal electric pump comprises means (19) for fixing the axial position of the motor shaft (15) interposed between the motor unit (4) and the pumping unit (3). The fixing means (19) comprise an occlusion member (20) having an elastic material portion (23) suitable to engage the internal surface of the casing (2), a support body (22) suitable to be axially linked to the occlusion member (20) and a fastening member (21) suitable to be associated with the occlusion member (20) to perform the radial expansion of the elastic material portion (23).

No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2820/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :11/10/2010

(43) Publication Date : 13/09/2013

(54) Title of the invention : ENERGY DISSIPATING WIPER MOUNTING BRACKET FOR MOTOR VEHICLE

(51) International classification	:B62D 65/16; B62D 24/00	(71)Name of Applicant : 1)MAHINDRA & MAHINDRA LIMITED Address of Applicant :R & D CENTER, AUTOMOTIVE SECTOR, 89, M.I.D.C. SATPUR, NASHIK - 422 007, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)SATISH KUMAR B
(33) Name of priority country	:NA	2)G. SHABI STEPHEN
(86) International Application No	:NA	3)SASIDHAR KANIGELPULA
Filing Date	:NA	
(87) International Publication No	:N/A	
(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 energy dissipating wiper mounting bracket for the motor vehicle for mounting a wiper arm in the front plenum that supports the wiper assembly as it moves across the surface to be wiped and a linkage assembly having a pivot shaft assembly that interconnects the wiper arm assembly to a drive mechanism. The bracket comprises three sides forming hat section shape having first side A, second side B and third side C. The said first side A is 1070 draft with second side B. The second side B is 900 to the vertical plane. The third side C is 1000 draft with said second side B. The said first side and third side provided with one or more collapsible beads at distant and the wiper link get mounted on the second side.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.970/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : CONTACT LENS DISINFECTING SOLUTIONS

(51) International classification	:A01N 37/52, A61K 31/155
(31) Priority Document No	:2009904553
(32) Priority Date	:21/09/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001178
Filing Date	:10/09/2010
(87) International Publication No	:WO/2011/032203
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BRIEN HOLDEN VISION INSTITUTE

Address of Applicant :Level 4 North Wing Rupert Myers Building Gate 14 Barker Street UNSW Sydney New South Wales 2052 Australia.

(72)Name of Inventor :

1)Bandarage Mahesh K. Bandara

2)Mark D. P. Willcox

3)Hua Zhu

(57) Abstract :

This invention relates to ophthalmic disinfecting and preserving compositions. More particularly, this invention relates to multi-purpose disinfecting solutions [MPDS] suitable for use in or with storage cases for treating multiple-use contact lenses and/or for preserving, disinfecting or packaging of contact and other ophthalmic lenses.

No. of Pages : 50 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.938/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : SPIROPIPERIDINE COMPOUNDS AS ORL-1 RECEPTOR ANTAGONISTS□

(51) International classification :C07D 495/20

(31) Priority Document No :09382245.0

(32) Priority Date :16/11/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/US2010/056449

Filing Date :12/11/2010

(87) International Publication No :WO/2011/060217

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ELI LILLY AND COMPANY

Address of Applicant :Lilly Corporate Center City of Indianapolis State of Indiana 46285 U.S.A.

(72)Name of Inventor :

1)BENITO COLLADO Ana Belen

2)DIAZ BUENO Nuria

3)JIMENEZ-AGUADO Alma Maria

4)LAFUENTE BLANCO Celia

5)MARTINEZ-GRAU Maria Angeles

6)PEDREGAL-TERCERO Concepcion

7)TOLEDO ESCRIBANO Miguel Angel

(57) Abstract :

An ORL-1 receptor antagonist of the formula: its uses, and methods for its preparation are described. ORL-1 antagonists are deemed to be useful in the treatment of depression and/or the treatment of overweight, obesity, and/or weight maintenance post treatment for overweight or obesity. Certain compounds have also demonstrated through animal models that the compounds of the present invention are useful for the treatment of migraines.

No. of Pages : 100 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.903/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : PROCESS OF MAKING SOLID DOSAGE FORMS OF ORAL CONTRACEPTIVES

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)AUROBINDO PHARMA LTD

Address of Applicant :PLOT NO.2, MAITRIVIHAR,
AMEERPET, HYDERABAD - 500 038 Andhra Pradesh India

(72)Name of Inventor :

1)DUTTA MADHUSUDAN

2)VISHNUBHOTLA NAGA PRASAD

3)BIOLIKAR SHAILENDRA

4)MANDGE SHAILENDRA

5)MEENAKSHISUNDERAM SIVAKUMARAN

(57) Abstract :

The present invention relates to an oral dosage form comprising an estrogenic compound and process of preparation thereof. Particularly, the present invention relates to an oral dosage form comprising an estrogenic and progestogenic compound. More particularly, the present invention relates to process for the preparation of oral dosage form comprising ethinyl estradiol and desogestrel.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.867/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : Optimizing Software Applications

		(71)Name of Applicant : 1)SAP AG Address of Applicant :Dietmar-Hopp-Allee 16 D-69190 Walldorf Germany.
		(72)Name of Inventor : 1)Hartwig Brand 2)Dirk Debertin 3)Carsten Dietze-Selent 4)Peter Goebbels 5)Cornelia Haase 6)Christian Hansen 7)Kerstin Hft 8)Uwe Hommel 9)Ulrich Koch 10)Harald Kuck 11)Jens Otto 12)Thomas Raupp 13)Tobias Wenner 14)Michael Schafft 15)Matthias Schwarz 16)Jemin Tanna
(51) International classification	:G06F	
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Techniques for optimizing a software application include receiving at a local computing system a query from an application for data stored on a database table the query including a context defined by a name of the database table; comparing the context of the query to a context of a predefined query scenario; based on the context of the query matching the context of the predefined query scenario retrieving data stored on an in-memory database replicated from data stored on a main database; and passing the retrieved data from the in-memory database to the application.

No. of Pages : 29 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.906/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : CYTOCHROME C BIOSENSORS USING CYTOCHROME C REDUCTASE FOR THE MEASUREMENT OF APOPTOSIS

(51) International classification	:C12Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. C. KARUNAKARAN
(32) Priority Date	:NA	Address of Applicant :ASSOCIATE PROFESSOR IN
(33) Name of priority country	:NA	CHEMISTRY, BIOMEDICAL RESEARCH LAB, V.H.N.
(86) International Application No	:NA	SENTHIKUMARA NADAR COLLEGE, VIRUDHUNAGAR -
Filing Date	:NA	626 001 Tamil Nadu India
(87) International Publication No	: NA	2)DR. A. RAJENDRAN
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)C. KARUNAKARAN
(62) Divisional to Application Number	:NA	2)A. RAJENDRAN
Filing Date	:NA	3)M. PANDIARAJ
		4)T. MADASAMY
		5)M. BALAMURUGAN

(57) Abstract :

Cytochrome c biosensor using cytochrome c reductase linked to self-assembled monolayer on gold nanoparticles in polypyrrole matrix. Cytochrome c (cyt c) released from the mitochondria induced apoptosis in several human diseases. Here, highly specific and sensitive biosensors for the direct determination of cyt c have been developed by immobilization/conjugation of cytochrome c reductase (CcR) in carbon nanotubes (CNT)/self-assembled monolayer (SAM) of cysteine on gold nanoparticles (GNP) in polypyrrole (PPy) modified platinum electrode (Pt). The CNT and GNP modified electrodes were characterized by energy-dispersive X-ray spectroscopy and scanning electron microscope exhibiting highly nanoporous structures. The cyclic voltammetric studies of these CcR immobilized electrodes showed characteristic reversible redox peaks at -0.45 and -0.34 V vs Ag/AgCl. The CcR-SAM-GNP-PPy-Pt biosensor exhibited a linear range for the determination of cyt c from 5-600 nM with a detection limit of 2 ± 0.03 nM. However, the CcR-CNT-PPy-Pt biosensor exhibited a much larger linear dynamic range from 1-1000 μ M with a detection limit of 0.5 ± 0.03 μ M. Also, the sensitivity of CcR-CNT-PPy-Pt biosensor (0.46 ± 0.003 nA pM⁻¹ cm⁻²) was 2 fold greater than the CcR-SAM-GNP-PPy-Pt biosensor (0.24 ± 0.004 pA nM⁻¹ cm⁻²). The interference due to ascorbic acid on the performance of CcR based biosensors were eliminated by dialysis. Further, the CcR-CNT-PPy-Pt biosensor was successfully applied to quantify the cyt c levels in cytosolic fractions of human lung carcinoma A549 cells upon induction of apoptosis with doxorubicin.

No. of Pages : 28 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.909/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : DATA BUS STRUCTURE FOR TERMINAL BLOCKS AND TERMINAL BLOCKS USING THE SAME

(51) International classification

:H02B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)DINKLE ENTERPRISE CO., LTD.

Address of Applicant :3, MIN AN ROAD., XINZHUANG
DISTRICT, NEW TAIPEI CITY 24256 Taiwan

(72)Name of Inventor :

1)WU, SHANG-TSAI

(57) Abstract :

A data bus structure for the terminal blocks, comprising: a main body to be plugged into a support rail for the terminal blocks; said main body comprising a plurality of slots formed therein; and at least 2 conductive pieces to be inserted in said slots of said main body to form guiding rail. The data bus structure provides a data bus for a plurality of terminal blocks for the transmission of electricity and signals, as well stable supports to the terminal blocks.

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.870/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :08/03/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING SHORT MESSAGING SERVICE BASED MOBILE WEB

(51) International classification

:H04L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)YAHOO! INC.

Address of Applicant :#701 FIRST AVENUE,
SUNNYVALE, CALIFORNIA 94089 U.S.A.

(72)Name of Inventor :

1)ASHISH VIKRAM

(57) Abstract :

A computer-implemented method of providing short messaging service based mobile web includes receiving a SMS from a user of a non-internet enabled mobile device. The computer-implemented method also includes determining if the SMS is a data message SMS. Further, the computer-implemented method includes identifying an application corresponding to the data message SMS. Furthermore, the computer-implemented method includes performing an operation on the application to provide the user with a web experience.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.910/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : RECIPIENT SPECIFIC PRIVATE MESSAGE TAGGING SYSTEM AND METHOD

(51) International classification

:H04L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SWAPNA SUNDAR

Address of Applicant :NEW NO.6, OLD NO.21, BUNDER
GARDEN, 2ND STREET, PERUMBUR, CHENNAI - 600 011
Tamil Nadu India

(72)Name of Inventor :

1)SWAPNA SUNDAR

2)HARIPRASAD.K.S

(57) Abstract :

A recipient specific private message tagging system and method for optimizing the email message communication within a dynamic environment. A sender employs a sending unit having an email application to compose an electronic mail with respect to at least one recipient within a network environment. A message tagging application running over the email application further generates at least one private message tag with respect to the recipients in order to thereby transfer the XML code of the email along with the recipient specific private message tag to a tagging server. The tagging server further tags the recipient specific private message tag with the actual XML code of the email for transferring a message key with respect to the sender, to encrypt and send it conventionally to the recipients via an email server. The tagging server further transmits the message key with respect to the recipient in order to thereby decrypt and retrieve the actual email content along with the private message at the recipient end. The tagging server also monitors and maps the to-and-fro electronic messages in order to thereby generate an email tracking map with respect to the users in the network environment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.911/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : A REUSABLE COATING APPLICATOR

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:NA	Address of Applicant :3M CENTER, POST OFFICE BOX
(33) Name of priority country	:NA	33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LINGUTLA, ANITHA
(87) International Publication No	: NA	2)ARPIT, ASHISH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a reusable coating applicator capable of housing a plurality of liquid absorbent units pre-saturated with required solution, for applying on a surface. This applicator offers the advantage of being able to make multiple layers of application with a fresh new surface every time from the same applicator on the same surface or different surface. The applicator is reusable as it can be refilled with new absorbent units. The applicator also includes easy and efficient release mechanisms for disposing used liquid absorbent units and to expose a fresh liquid absorbent surface for the next coating application. The use of pre saturated liquid absorbent units gives the applicator the capability of being used under gravity and against gravity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.877/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :08/03/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : A SIMPLIFIED PROCEDURE FOR ISOLATING TISSUE ENGINEERING SCAFFOLDS FROM SMALL INTESTINAL; SUBMUCOSA OF WARM BLOODED ANIMALS

(51) International classification	:A61L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S SREE CHITRA TIRUNAL INSTITUTE FOR
(32) Priority Date	:NA	MEDICAL
(33) Name of priority country	:NA	Address of Applicant :SCIENCES AND TECHNOLOGY,
(86) International Application No	:NA	BIOMEDICAL TECHNOLOGY WING, POOJAPPURA,
Filing Date	:NA	THIRUVANANTHAPURAM - 695 012 Kerala India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ANILKUMAR TV
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a process for isolating tissue-engineering scaffolds from small intestinal submucosa of warm-blooded animals comprising the steps of collecting small intestines of animals from slaughter houses, transferring specimens without gross lesions to neutral buffered formalin, cutting the specimens into small segments, pretreating the segments with neutral buffered formalin, effecting an incision to obtain a flattered sheet, removing the lumical contents and fat therefrom, scraping off the inner mucosal layer and peeling off the serosal and muscularis to obtain the scaffolds, subjecting the scaffolds to washing, prefreezing and lyophilisation to obtain the dried scaffolds.

No. of Pages : 24 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.879/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :08/03/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : POWER SYSTEM STABILIZATION

(51) International classification

:F23R

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345 U.S.A.

(72)Name of Inventor :

1)KOLWALKAR, AMOL RAJARAM

2)BURRA, RAJNI KANT

3)GURRALA, GURUNATH

(57) Abstract :

A method for damping power oscillation in a power system includes generating synchronized generator speed signals by time stamping a plurality of generator speed signals. The synchronized speed signals are transmitted to a control station for determining power oscillations in the power system. The control station provides damping control signals to a plurality of damping devices based on power oscillations in the power system.

No. of Pages : 15 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.885/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : A NOVEL IN VITRO METHOD TO DIAGNOSE SMALL RUMINANTS WITH POTENTIAL RESISTANCE TO BLUETONGUE

(51) International classification

:A23K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY

Address of Applicant :MADHAVARAM MILK COLONY,
CHENNAI 600 051 Tamil Nadu India

(72)Name of Inventor :

1)DR. GOPAL DHINAKAR RAJ

2)MR. SAKTHIVEL DHANASEKARAN

3)MS. ANN MARY BESTUS

4)DR. ANGAMUTHU RAJA

5)DR. KRISHNASWAMY GOPALAN TIRUMURUGAAN

6)DR. KATHAPERUMAL KUMANAN

(57) Abstract :

A Novel in-vitro Method to Diagnose Small Ruminants with Potential Resistance to Bluetongue This study was designed to compare the ability of cytokine production upon activation of toll like receptor 3 by its specific ligand, Poly I:C or a double stranded RNA virus (Bluetongue virus) in Goat and Sheep peripheral blood mononuclear cells (PBMCs). Goat PBMCs produced significantly higher levels of TNF α mRNAs in response to poly I: C and Bluetongue virus induction. Further, in sheep, while poly I: C induction increased the levels of IL 8, IL 10 and IFN γ mRNAs, Bluetongue virus induction produced higher levels of IL 6, IL 8, IL 10 and IFN γ mRNAs in Sheep than Goat, whereas IL 12p40 mRNA levels were higher in Goat than Sheep. Among the cytokine transcripts analyzed TNF α transcripts were consistently increased in Goat. Poly I:C and Bluetongue virus induced TNF α mRNA levels correlated well with protein levels. Sequencing of promoter regions of TNF revealed five novel SNPs in goat, which had an important role in higher transactivation ability which subsequently led the overproduction of TNF α in Goat. TNF α is a multifunctional cytokine, which has a crucial role in viral pathogenesis. Thus, this observation proves that goats are more resistant to bluetongue virus infection than sheep. Higher levels of production of TNF α plays a major role in this observed resistance potential.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.886/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : AN IN-VITRO MOLECULAR METHODS FOR SEXING EMU

(51) International classification	:A01K 67/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :MADHAVARAM MILK COLONY,
(33) Name of priority country	:NA	CHENNAI 600 051 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. GOPAL DHINAKAR RAJ
(87) International Publication No	: NA	2)MS. RAVI RAMYA
(61) Patent of Addition to Application Number	:NA	3)DR. PAULPANDI TENSINGH GNANARAJ
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An in-vitro molecular method for sexing Emu A rapid and specific test for sexing of Emu using PCR and qPCR was developed employing feather DNA. By using the newly designed primers in conventional PCR at specific PCR conditions female birds showed amplification and male bird do not showed any amplification when the reaction was stopped at a particular cycle number. However the internal control used (18S rRNA) showed amplification in both female and male DNA at this cycle. In qPCR, the female and male Emus produced consistently different 40 - Ct values. The females produced higher 40 - Ct values at least 10 cycles higher than the male 40 - Ct values. This difference in Ct values between females and males were highest when using a master mix produced by a particular commercial manufacturer. Using the primers and conditions, Emus could be sexed using the methods developed with out causing pain to birds.

No. of Pages : 14 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.884/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : MOUNTING TERMINAL FOR A BATTERY

(51) International classification	:B23P	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES□ NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)AMARDEEP KUMAR
(61) Patent of Addition to Application Number	:NA	2)SHAONI MAJUMDAR
Filing Date	:NA	3)GAYATHRI GUNASEKARAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention provides a battery mounting terminal having multiple mounting arrangements which can be used in any kind of battery. Said terminal has a first horizontal surface with a hole for top battery mounting, and first vertical surface extending downwards from said first horizontal surface and has a hole facilitating side mounting battery. This terminal has multiple supporting elements configured to restrict movement of the battery mounting terminal, extending backwards from vertical side of the first vertical surface and extending forward from horizontal side of the first vertical surface, and a second vertical surface configured to hold battery wire.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.887/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : NANO-BIOMARKER COUPLED NEWCASTLE DISEASE VACCINE

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TAMIL NADU VETERINARY AND ANIMAL
(32) Priority Date	:NA	SCIENCES UNIVERSITY
(33) Name of priority country	:NA	Address of Applicant :MADHAVARAM MILK COLONY,
(86) International Application No	:NA	CHENNAI 600 051 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. GOPAL DHINAKAR RAJ
(61) Patent of Addition to Application Number	:NA	2)DR. VAIKUNTAVASAN ARUN
Filing Date	:NA	3)MR. VADIVELU PONNUSWAMY GOPINATH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Nano-biomarker coupled Newcastle disease vaccine An alternate strategy to the marker-vaccine based differentiation of vaccinated from infected animals (DIVA) using vaccination biomarkers was used following coupling to calcium phosphate (CaP) nanoparticles, in NDV as model system. To design a novel biomarker gene that is unlikely to be present in nature, unique epitopes from a variety of sources were 'tailored' together. This gene contained sequences coding for epitopes from various sources such as white spot syndrome virus, peptide RBM4, peste des petits ruminants virus, flagellin, enhanced green fluorescent protein genes tailored together with suitable linker sequences that enabled retention of their epitope characteristics. The eukaryotic plasmid, pcDNA-WWRFEP coupled to CaP was then used as a DNA biomarker @ 100 µg per bird in layer chickens by delivering through the transcutaneous route. Seroconversion measured by ELISA to individual constituent peptides that comprised the novel gene was 50-100% from 3 weeks until 10 weeks PI. This indicated that the novel biomarker gene was expressed and presented to the chicken immune system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.888/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : A NOVEL IN-VITRO METHOD TO DIAGNOSE AN INDIVIDUAL BUFFALO RESISTANT TO TUBERCULOSIS

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :MADHAVARAM MILK COLONY,
(33) Name of priority country	:NA	CHENNAI 600 051 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. GOPAL DHINAKAR RAJ
(87) International Publication No	: NA	2)MR. AMBOTHI RATHINASAMY VIGNESH
(61) Patent of Addition to Application Number	:NA	3)DR. KRISHNASWAMY GOPALAN TIRUMURUGAAN
Filing Date	:NA	4)DR. ANGAMUTHU RAJA
(62) Divisional to Application Number	:NA	5)DR. KATHAPERUMAL KUMANAN
Filing Date	:NA	

(57) Abstract :

A Novel in-vitro Method to Diagnose an Individual Buffalo Resistant to Tuberculosis Cytokine production upon activation of pattern recognition receptors responsible for sensing bacterial and viral pathogen associated molecular patterns in the peripheral blood mononuclear cells (PBMCs) of two genetically diverse buffalo breeds, Murrah and Toda was assessed. Toda buffalo PBMCs produced significantly higher levels of a cytokine, tumour necrosis factor alpha (TNFa) mRNAs and protein in response to peptidoglycan, poly I: C, lipopolysaccharide, imiquimod and CpG. Sequencing of promoter regions of TNFa revealed two novel single nucleotide polymorphisms (SNPs) in Toda buffalo which was different in the Murrah buffaloes. These two single nucleotide polymorphisms (SNPs) were at positions -737 and at position -1092 of the TNF a promoter regions. The SNPs were identified as A/T at position -737 and as G/T at position -1092. These SNPs had a crucial role in higher transcriptional activity leading to the overproduction on TNFa in Toda buffalo. Higher levels of production of TNFa in the host animal in turn play a major role in resistance to tuberculosis. Thus the identification of these SNPs either by sequencing or Tetra ARMS polymerase chain reaction, in an individual buffalo would render that particular animal resistant to tuberculosis by virtue of their capacity to produce higher levels of TNF a.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.889/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : SYSTEM AND METHOD FOR OPTIMIZED VIDEO COMPRESSION

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. A. SRINIVASAN
(32) Priority Date	:NA	Address of Applicant :NO. 72/40, B3, ANAND
(33) Name of priority country	:NA	APARTMENTS, GANDHI NAGAR, II MAIN ROAD,
(86) International Application No	:NA	ADAYAR, CHENNAI - 600 020 Tamil Nadu India
Filing Date	:NA	2)J. SURESH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. A. SRINIVASAN
Filing Date	:NA	2)J. SURESH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A new video compression technique is proposed, which offers better compression and PSNR values when compared with the current techniques do. By utilizing the power of discrete cosine and wavelets transforms, a new video compression technique is implemented and evaluated, which attempts to minimize the redundancies present in a video. After the implementation of the said compression technique, its compression ratio and PSNR values are compared with those of the existing techniques. The experimental results obtained showed considerable improvement in the performance and efficiency in video compression.

No. of Pages : 27 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.855/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : SYSTEM AND METHOD FOR IDENTIFYING TEXT IN LEGAL DOCUMENTS FOR PREPARATION OF HEADNOTES

(51) International classification

:G06F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)INFOSYS LIMITED

Address of Applicant :IP CELL, PLOT NO 44,
ELECTRONICS CITY, HOSUR ROAD, BANGALORE 560 100
Karnataka India

(72)Name of Inventor :

1)LOKENDRA SHASTRI

2)SUDESNA MAHARATHY

3)ABHISHEK KUMAR

4)GAURAV MISHRA

5)SANKALP SINGH RANGI

6)SIVASUBRAMANIAM SIVAKUMAR

7)SUMAN KUMAR CHALAVADI

(57) Abstract :

A method for generating feature graphs employed for creation of a head note in a legal document is provided. The method enables identifying one or more predetermined features in a plurality of legal documents. The one or more predetermined features are based on grammatical constituents of text in the legal document. The plurality of legal documents is manually identified as headnote and non headnote. The method further enables obtaining data related to the availability of the one or more identified predetermined features in the sentences manually identified as headnote and non headnote in the plurality of legal documents. Furthermore, the method enables computing likelihood of a sentence being a headnote based on the obtained data. The method further enables generating feature graphs corresponding to each predetermined feature based on the computed likelihood and obtained data and storing the generated feature graphs in a repository.

No. of Pages : 76 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.891/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : LOW COST SIDE STAND ALARM PROTECTION FOR TWO WHEELERS

(51) International classification	:B62H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)P. VENKATARAMANAN
(32) Priority Date	:NA	Address of Applicant :8A/23 SALAIYAR STREET,
(33) Name of priority country	:NA	MANDAVELI, CHENNAI 600 028 Tamil Nadu India
(86) International Application No	:NA	2)A. SELVARAJ
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)P. VENKATARAMANAN
(61) Patent of Addition to Application Number	:NA	2)A. SELVARAJ
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Side stands are nothing but devices familiarly known as side kick stands that were initially implemented on bicycles. Later on after the development of the automobile industry, which turned up with huge production is two wheelers advanced the sidekick stands in motorbikes as an advanced comfort approach. So, modifications were made on the simple kickstand and was built up heavily to withstand the entire weight of the two wheeler. After the approaches a sidekick stand from bicycle transformed into a SIDE STAND fitted to all modern age two wheelers as a mandatory fitting accessory .But there was a major fault in the side stand prevailed that it could cause accidents when they were not ejected properly fort with. Thus many cases were held on the cause but with the area of comfort side stands were fitted to all vehicles. But , later on side stand indicators came into picture . But they seemed to be a bit costly it was not made mandatory for all vehicles. But this paper deals with the modified side stand indicator simply implemented with the reverse operation of a brake switch which is used to trigger the danger light of the vehicle. So this low cost operation can be fitted to all vehicles thereby preventing accidents caused due to the improper ejection of sidestands

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.892/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF BLONANSERIN

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SMILAX LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :PLOT NO. 12/A, PHASE-III, I.D.A.,
(33) Name of priority country	:NA	JEEDIMETLA, HYDERABAD - 500 055 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. VIJAYA KUMAR KOTAGIRI
(87) International Publication No	: NA	2)MR. KOTAESWARA RAO POLURI
(61) Patent of Addition to Application Number	:NA	3)MR. AMAR CHAND BALUSU
Filing Date	:NA	4)MR. VENKATA MARUTHI KUMAR TANGUTURI
(62) Divisional to Application Number	:NA	5)MR. MURALIKRISHNA SURYADEVARA
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for the preparation of Blonanserin. Blonanserin, 2-(4-ethylpiperazin-1 -yl)-4-(4-fluorophenyl)-5,6,7,8,9,10-hexahydrocycloocta[b] pyridine is an atypical antipsychotic. Blonanserin exhibit potent binding property to serotonin (S2) and dopamine (D2) receptors, thereby increasing the effect on concentration of brain monoamine metabolites. Blonanserin is used to improve the effect for positive symptoms such as hallucination, delusion etc and negative symptoms such as emotional withdrawal, apatheia etc occurring in schizophrenia. Blonanserin having the following structure of formula I

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.856/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : SYSTEMS, METHODS AND COMPUTER-READABLE MEDIA FOR IDENTIFYING AN ANONYMOUS PATIENT

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS LIMITED
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO 44,
(33) Name of priority country	:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE 560 100
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)CHINMOY MUKHERJEE
(61) Patent of Addition to Application Number	:NA	2)NATARAJ SUBBARAYA KUNTAGOD
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a system, a method and a computer program product for, identifying an anonymous patient in a health care location, when the anonymous patient requires medical attention. A health parameter data of the patient is acquired by a sensor unit, and transmitted to a gateway module associated with the patient. In an event the acquired health parameter data transgresses preconfigured limits or preconfigured pattern(s); an alert is generated by the gateway module, and transmitted to a context server. The context server is configured to validate the alert; instruct the gateway module to emit a colored light corresponding to the color code and transmit the gateway identifier, the color code and a location of a nearest connector, to a medical agent for the purpose of locating the patient.

No. of Pages : 27 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.896/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : IMPROVED PROCESS FOR PREPARATION OF OCTREOTIDE BY SOLUTION PHASE PEPTIDE SYNTHESIS

(51) International classification	:C07K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATCO PHARMA LIMITED
(32) Priority Date	:NA	Address of Applicant :NATCO HOUSE ROAD NO.2,
(33) Name of priority country	:NA	BANJARA HILLS, HYDERABAD 500 033 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KOTA SATYANARAYANA
(61) Patent of Addition to Application Number	:NA	2)TALLAPANENI VENKATESWARLU
Filing Date	:NA	3)ADIBHATLA KALI SATYA BHUJANGA RAO
(62) Divisional to Application Number	:NA	4)NANNAPANENI VENKAIAH CHOWDARY
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel processes for commercial production of pharmaceutical grade octreotide using classical solution phase peptide synthesis in high yield and purity and using inexpensive amino acid derivatives. Thus the protected octapeptide alcohol Boc -D- Phe - Cys (Trt)-Phe -D - Trp - Lys (Boc) - Thr - Cys (Trt) - Thr - OL is prepared by condensation of hexapeptide acid Boc -D - Phe - Cys (Trt)-Phe -D - Trp - Lys (Boc) - Thr - OH with dipeptide alcohol H- Cys (Trt) - Thr - OL. The hexapeptide Boc - D- Phe - Cys (Trt)-Phe -D - Trp - Lys (Boc) - Thr - OMe is prepared by condensing Boc - D - Phe - Cys (Trt) - OH with tetrapeptide H-Phe -D -Trp - Lys (Boc) - Thr - OMe followed by hydrolysis. The linear octapeptide alcohol is treated with cocktail mixture TFA /water/ TIS (9.0:0.5:0.25), in one step removes the Trt and Boc groups, followed by oxidation with hydrogen peroxide to affords octreotide.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.897/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHODS, SYSTEMS AND COMPUTER READABLE MEDIA FOR COMPARING XML DOCUMENTS

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS LIMITED
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO.44,
(33) Name of priority country	:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560
(86) International Application No	:NA	100 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GANAPATHY RAMAN VENKATASUBRAMANIAN
(61) Patent of Addition to Application Number	:NA	2)SRIRAM HARIHARASUBRAMANIAN
Filing Date	:NA	3)SARAVANAN SAKTHIVEL
(62) Divisional to Application Number	:NA	4)ANANTASRINIVAS LAKSHMANAN
Filing Date	:NA	5)BHUVANALAKSHMI KADAPAKKAM NANDABALAN

(57) Abstract :

The present invention provides a method and system for comparing a first XML document with a second XML document. An XML event is parsed from one of the first XML document and the second XML document based on a plurality of parameters. The parsed XML event is stored as a node in one of a first data structure and a second data structure, and compared with one or more nodes stored in one of the second data structure and the first structure respectively. A comparison result is outputted, when the one or more nodes is a comparable node of the stored node, and on outputting the comparison result the comparable node and the stored node are deleted from the first data structures and the second data structures. Aforementioned steps are repeated till the first XML document and the second XML document are completely parsed and compared.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.898/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD, SYSTEM, AND COMPUTER-READABLE MEDIUM FOR DETECTING LEAKAGE OF A VIDEO

(51) International classification	:G06T	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS LIMITED
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO.44,
(33) Name of priority country	:NA	ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAJARATHNAM NALLUSAMY
(61) Patent of Addition to Application Number	:NA	2)SACHIN MEHTA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a computer-implemented method, system and computer readable medium for detecting source of leakage of a video. The method comprises processing a video by a processing device resulting a processed video, identifying at least one responsible user for safekeeping and/or distributing and/or screening the processed video, creating a watermark wherein the watermark comprises an information about an owner of the video, the responsible user, and at least one transaction information, embedding the watermark inside the processed video resulting a watermarked video, distributing the watermarked video to at least one consumer, and identifying the responsible user by extracting the watermark from a pirated copy of the watermarked video and extracting the information contained in the watermark from the watermarked video.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.899/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : A NOISELESS EQUIVALENT FOR AN AUTOMOBILE HORN

(51) International classification

:G09B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Rinjo Joseph Varickamakil

Address of Applicant :F - 201 Chandan Park Flats Near
Agrasen Bhavan Citylight Road Surat 395007 Gujarat India

2)Joseph Ulahannan Varickamakil

3)Martin Mathew James

4)Rijin John

5)Deepa Rijin John

(72)Name of Inventor :

1)Rinjo Joseph Varickamakil

2)Joseph Ulahannan Varickamakil

3)Martin Mathew James

4)Rijin John

5)Deepa Rijin John

(57) Abstract :

The embodiments herein relate to automobile technology more particularly to the use of automobile traffic in land air or water. The embodiments herein disclose a device by which a person in the cockpit of the vehicle can be alerted by using a silent horn transmitted from any other vehicle there by providing the driver freedom to alert other drivers in silent zones like schools hospitals and also contributing to reduce noise pollution.

No. of Pages : 18 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.900/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : NICKEL- ALUMINIUM- ZIRCONIUM ALLOYS

(51) International classification	:C22C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF SCIENCE
(32) Priority Date	:NA	Address of Applicant :Bangalore Karnataka 560012
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TIWARY CHANDRASEKHAR
(87) International Publication No	: NA	2)KASHYAP SANJAY
(61) Patent of Addition to Application Number	:NA	3)FEMI OLU EMMANUEL
Filing Date	:NA	4)BANERJEE DIPANKAR
(62) Divisional to Application Number	:NA	5)CHATTOPADHYAY KAMANIO
Filing Date	:NA	

(57) Abstract :

The present subject matter describes Ni-Al-Zr alloys which include Ni as the major component with the additions of 9-20% Al and 4-14% Zr by atomic percentage. In one embodiment the present subject matter describes a group of alloy compositions in a Nickel-Aluminium- Zirconium (Ni-Al-Zr) system corresponding to a concentration range of about 9-20 % Al and about 4-14 % Zr by atomic percentages and the balance being Ni. In other embodiment the present subject matter includes at least one eutectic constituent including at least two of the intermetallic compounds or phases Ni₃Al NiAl Ni₅Zr Ni₇Zr₂ and derivatives that are realized within the aforementioned composition group.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.902/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : AMORPHOUS SAXAGLIPTIN HYDROCHLORIDE

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MYLAN LABORATORIES LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO 564/A/22, ROAD NO 92,
(33) Name of priority country	:NA	JUBILEE HILLS, HYDERABAD - 500 033 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)JETTI, RAMAKOTESWARA RAO
(61) Patent of Addition to Application Number	:NA	2)BHAGAVATULA, NEELIMA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for the preparation of amorphous saxagliptin hydrochloride, wherein the saxagliptin hydrochloride is dissolved in a solvent and evaporating to get amorphous saxagliptin hydrochloride. The present invention also relates to a preparation of a stable amorphous saxagliptin hydrochloride by dissolving saxagliptin hydrochloride in a solvent treating with a polymer in the presence of an organic acid, removing the solvent to get amorphous saxagliptin hydrochloride.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/03/2012

(21) Application No.876/CHE/2012 A

(43) Publication Date : 13/09/2013

(54) Title of the invention : INTERLOCKING RELAY SYSTEM FOR ELECTRICAL APPARATUS

(51) International classification	:H03K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Tribi Systems Private Limited Company
(32) Priority Date	:NA	Address of Applicant :TRIBI Systems Pvt. Ltd. Ozone Manay
(33) Name of priority country	:NA	Tech Park Ground Floor B Wing Survey No:56/18 and 55/9
(86) International Application No	:NA	Hongasandra Village Begur Hobali Hosur Road Opposite Nandi
Filing Date	:NA	Toyota Garvebhavipalya Bangalore 560068 Nagaland India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Sreejakumar Nair
Filing Date	:NA	2)Y Sathish Kumar
(62) Divisional to Application Number	:NA	3)Akshatha Pai
Filing Date	:NA	4)Jitendra Veer Singh

(57) Abstract :

The embodiments herein relate to a method and system for interlocking plurality of relays by interlocking operation sequences as disclosed in the embodiments herein. An interfacing control unit comprising of plurality of relays channelizes the electric power from sources to AC motors. Twelve transitions of states are caused wherein certain transitions of state are avoided and certain transitions are desired. The Forbidden state eliminator monitors relay excitation signals for possibility of forbidden state and raises a flag if there is a forbidden state. To avoid forbidden transition delay time period in operation of two sets of power interfacing relays shall be greater than arc quenching time in a relay. Alternate configurations are possible by replacing NPN transistors by n channel MOSFETs and PNP transistors by p channel MOSFETs.

No. of Pages : 39 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.914/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 13/09/2013

(54) Title of the invention : DETERMINING THE POSITION OF A MOBILE DEVICE IN AN INDOOR ENVIRONMENT

(51) International classification	:H04W
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)EMPIRE TECHNOLOGY DEVELOPMENT LLC
Address of Applicant :2711 Centerville Road Suite 400
Wilmington DE 19808 United States Of America
(72)**Name of Inventor :**
1)ARVIND VIJAY KEERTHI

(57) Abstract :

Technologies and implementations for determining the location of a device in an indoor environment are generally disclosed.

No. of Pages : 35 No. of Claims : 10

(54) Title of the invention : FLUID DEVICE WITH PRESSURIZED ROLL POCKETS

(51) International classification :F03C1/08
 (31) Priority Document No :61/408,318
 (32) Priority Date :29/10/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/058272
 Filing Date :28/10/2011
 (87) International Publication No :WO 2012/058527
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)EATON CORPORATION

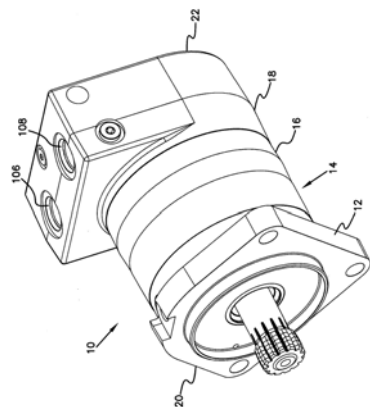
Address of Applicant :1111 Superior Avenue, Eaton Center, Cleveland, OH 44114-2584, U.S.A.

(72)Name of Inventor :

1)Jay P. LUCAS**2)Timothy I. MEEHAN**

(57) Abstract :

A method for pressurizing a roll pocket of a displacement assembly of a fluid device includes providing a fluid device having a displacement assembly. The displacement assembly includes a ring defining a central bore and roll pockets disposed about the central bore. Rolls are disposed in the roll pockets. A rotor is disposed in the central bore. The ring, the rolls and the rotor define a plurality of expanding and contracting volume chambers. Fluid is communicated from a first port of the fluid device and a second port of the fluid device to each of the roll pockets so that when the volume chamber immediately before one of the roll pockets and the volume chamber immediately after that roll pocket are both in fluid communication with one of the first and second ports, that roll pocket is in fluid communication with the other of the first and second ports.



No. of Pages : 31 No. of Claims : 20

(54) Title of the invention : FERRITIC STAINLESS STEEL EXCELLENT IN OXIDATION RESISTANCE

(51) International classification :C22C38/00,C22C38/28,C22C38/54
 (31) Priority Document No :2010-252772
 (32) Priority Date :11/11/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/073981
 Filing Date :12/10/2011
 (87) International Publication No :WO 2012/063613
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)JFE STEEL CORPORATION

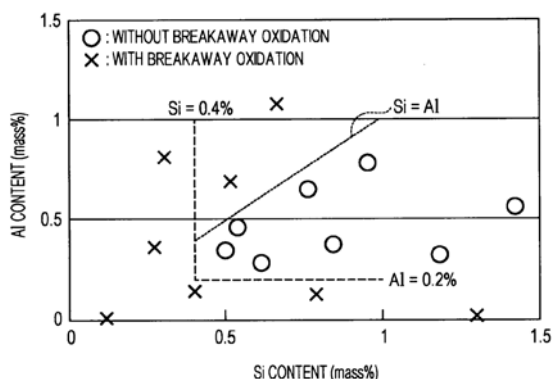
Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011, JAPAN

(72)Name of Inventor :

1)Tetsuyuki NAKAMURA**2)Hiroki OTA****3)Takumi UJIRO**

(57) Abstract :

To provide a ferritic stainless steel which has excellent oxidation resistance while retaining intact processability, without requiring the addition of an expensive element such as Mo or W. Specifically, the ferritic stainless steel having excellent oxidation resistance contains, in terms of mass%, up to 0.015% C, 0.40-1.00% Si, up to 1.00% Mn, up to 0.040% P, up to 0.010% S, 12.0-23.0% Cr, up to 0.015% N, 0.30-0.65% Nb, up to 0.150% Ti, up to 0.10% Mo, up to 0.10% W, less than 1.00% Cu, and 0.20-1.00% Al and satisfies $Si \geq Al$, with the remainder comprising Fe and incidental impurities.



No. of Pages : 30 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1126/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : IMPROVED FEMORAL IMPLANT REVISION TOOL

(51) International classification	:A61F2/46
(31) Priority Document No	:1015998.6
(32) Priority Date	:22/09/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2011/001376
Filing Date	:21/09/2011
(87) International Publication No	:WO 2012/038698
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Orthosonics Limited

Address of Applicant :Bremridge House, Bremridge,
Ashburton, South Devon, TQ13 7JX, U.K.

(72)Name of Inventor :

1)YOUNG, Michael, John, Radley

(57) Abstract :

An osteotome (1) suitable for cutting through cancellous bone that is holding an orthopaedic implant requiring revision within a cavity of a bone, comprises a cylindrical waveguide (2) connectable to a source of ultrasonic vibrations at its proximal end and a blade (3) having a hollow part - cylindrical cross - section and a cutting edge (14) at its distal tip. The respective longitudinal axes (12, 13) of the waveguide (2) and the blade (3) cross at an angle of about 30°, and the waveguide (2) and blade (3) taper and curve smoothly together where they meet. The osteotome (1) is dimensioned such that a first antinode (5) of the ultrasonic vibrations is located at a proximal end of the waveguide (2), a second antinode (7) is located at the distal tip of the blade (3) and a node (6) is located where the waveguide (2) and blade (3) meet. The osteotome (1) cuts readily through cancellous bone when ultrasonically energised, its shape permitting ready access for the blade (3) between the implant and the walls of the bone so as to make a longitudinal cut along a length of a stem of the implant.

No. of Pages : 32 No. of Claims : 18

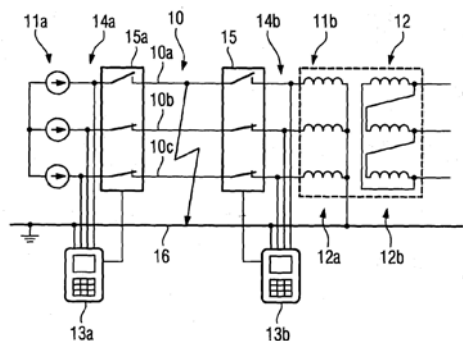
(54) Title of the invention : MONITORING A POWER SUPPLY LINE SUPPLIED AT ONE END FOR EARTH FAULTS

(51) International classification :G01R31/02,G01R31/08,H02H3/16
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/EP2010/066919
 Filing Date :05/11/2010
 (87) International Publication No :WO 2012/059136
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)SIEMENS AKTIENGESELLSCHAFT
 Address of Applicant :Wittelsbacherplatz 2, 80333 München, GERMANY
 (72)Name of Inventor :
1)BLUMSCHEIN, Jörg
2)DZIENIS, Cezary
3)KEREIT, Matthias

(57) Abstract :

The invention relates to a method for monitoring a power supply line (10) supplied at one end in a three-phase electrical power supply system with regard to the presence of an earth fault, wherein the power supply line (10) is connected, at the end (11b) thereof remote from the supply, to a transformer (12) operated in a star-delta connection. In order to reliably and selectively disconnect an earth fault even when a coupling effect according to Bauch's paradox occurs, it is proposed to determine the phase currents in the individual phase conductors (10a, 10b, 10c) of the power supply line (10) and the zero phase sequence system current at a measuring point (14b) which is at that end (12b) of the power supply line (10) which is remote from the supply, to generate a suspected earth fault signal if the individual phase currents and the zero phase sequence system current are substantially of the same magnitude and are in phase, and to use the suspected earth fault signal during further monitoring with regard to the presence of the earth fault. The invention also relates to a protective device (13a, 13b) which is set up in a corresponding manner.



No. of Pages : 34 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1130/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : ALUMINA LAYER WITH MULTITEXTURE COMPONENTS

(51) International classification :B23B27/14,C23C16/40,C23C30/00
(31) Priority Document No :10189338.6
(32) Priority Date :29/10/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/068737
Filing Date :26/10/2011
(87) International Publication No :WO 2012/055906
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SECO TOOLS AB
Address of Applicant :SE-737 82 Fagersta, SWEDEN
(72)Name of Inventor :
1)JOHANSSON, Mats
2)LARSSON, Tommy
3)ALM, Oscar
4)ANDERSSON, Jon

(57) Abstract :

The present invention relates to a cutting tool insert for machining by chip removal comprising a body of a hard alloy of cemented carbide, cermet, ceramics or cubic boron nitride based material onto which a hard and wear resistant coating is deposited by CVD. Said coating comprises at least one multitextured a Al₂O₃ layer with a thickness between 0.5 µm and 30 µm characterized with an ODF texture index >1 and at least two dominant texture components with 2 < ODF density < 100 coexisting within the layer. The invention also relates to a method of making and use of the same.

No. of Pages : 43 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1131/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PRODUCING DIRECT REDUCED IRON UTILIZING A SOURCE OF REDUCING GAS COMPRISING HYDROGEN AND CARBON MONOXIDE

(51) International classification	:C21B13/00,C21B13/02	(71)Name of Applicant :
(31) Priority Document No	:UD2010A000177	1)DANIELI & C. OFFICINE MECCANICHE SPA
(32) Priority Date	:29/09/2010	Address of Applicant :Via Nazionale 41, I-33042 Buttrio(IT)
(33) Name of priority country	:Italy	Italy
(86) International Application No	:PCT/IB2011/002264	2)HYL TECHNOLOGIES S.A. DE C.V.
Filing Date	:28/09/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/042352	1)MARTINIS, Alessandro
(61) Patent of Addition to Application	:NA	2)CONDOSTA, Michele
Number	:NA	3)ZENDEJAS MARTÍNEZ, Eugenio
Filing Date	:NA	4)DUARTE ESCAREÑO, Pablo Enrique
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention concerns a method and an apparatus for producing DRI (Direct Reduced Iron) utilizing a high oxidation reducing gas containing carbon monoxide and hydrogen derived directly or indirectly from the gasification of hydrocarbons or coal with a high content of oxidants (H₂O and CO₂). The invention provides a more efficient method and plant comprising a reactor in which particulate material of iron ore comes into contact with a high temperature reducing gas to produce DRI with lower investment and operating costs avoiding the need for a fired heater for the reducing gas fed into the reduction reactor. The reducing gas is heated to a temperature above 700°C in two steps a first step at a temperature below about 400°C to prevent the phenomenon of metal dusting by exchange of sensible heat supplied by the stream of hot spent gas removed from the reduction reactor; and a second step by means of partial or total combustion with oxygen maintaining the temperature of the combustion gas below the limits established by the construction materials of the combustion chamber.

No. of Pages : 20 No. of Claims : 18

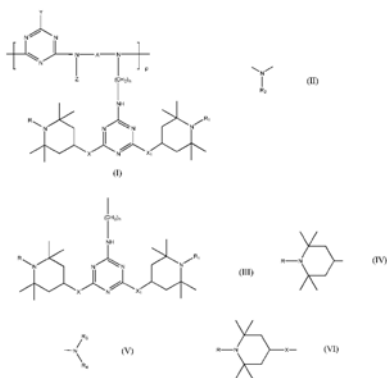
(54) Title of the invention : NEW STERICALLY HINDERED POLYMERIC AMINES AND THEIR USE AS POLYMER STABILIZERS

(51) International classification :C07D401/14,C08K5/3492,C09K15/30
 (31) Priority Document No :MI2010A002006
 (32) Priority Date :28/10/2010
 (33) Name of priority country :Italy
 (86) International Application No :PCT/EP2011/068867
 Filing Date :27/10/2011
 (87) International Publication No :WO 2012/055965
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)3V SIGMA S.P.A.
 Address of Applicant :Via Fatebenefratelli 20, I-20121 Milano MI ITALY
 (72)Name of Inventor :
1)MAESTRI, Francesco
2)DEL SORDO, Simone
3)BERTE', Ferruccio

(57) Abstract :

The present invention relates to polypiperidine compounds of polymeric type which are capable of conferring to the polymeric materials, particularly to polyolefins, a high stability against photodegradation and oxidative action of air, belong to the HALS category and have general formula (I): wherein p is from 3 to 20; n is from 2 to 12; R and R1, which are the same or different, are selected in the group consisting of hydrogen, linear and branched C1-C12 alkyl groups, alkenyl groups having 3 to 8 carbon atoms and aralkyl groups having 7 to 19 carbon atoms; X and X1, which are the same or different, are selected in the group consisting of oxygen and groups of formula (II) wherein R is selected in the group consisting of hydrogen, linear and branched C1-C12 alkyl groups, cycloalkyl groups having 5 to 12 carbon atoms and aralkyl groups having 7 to 12 carbon atoms; A represents a -(CH2)_a- group wherein a is from 2 to 12, with the proviso that a is different from n; Z is selected in the group consisting of C1-C18 alkyl groups, groups of formula (III) wherein n, X, X1, R and R1 are as above defined, and groups of formula (IV) wherein R is as above defined; Y represents a substituent selected in the group consisting of the groups of general formula (V) the groups O-R4 and S-R4, wherein R3 and R4, which may be the same or different, represent hydrogen, a linear and branched C1-C18 alkyl group, a cycloalkyl group having 5 to 12 carbon atoms, an aralkyl group having 7 to 12 carbon atoms, an aryl group having 6 to 12 carbon atoms or may form, together with the nitrogen atom to which they are linked, a heterocycle containing 5 to 7 carbon atoms; and the piperidine group (VI) wherein R and X are as above defined. The invention further relates to the processes for preparation of the compounds according to the invention.



No. of Pages : 40 No. of Claims : 18

(54) Title of the invention : UNCERTIFIED BATTERY REPLACEMENT COUNTERMEASURE APPARATUS FOR ELECTRIC VEHICLE

(51) International classification :B60L3/00,H01M10/48
 (31) Priority Document No :2010-216384
 (32) Priority Date :28/09/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/068146
 Filing Date :09/08/2011
 (87) International Publication No :WO 2012/043068
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)NISSAN MOTOR CO., LTD.

Address of Applicant :2, Takara-cho, Kanagawa-ku,
Yokohama-shi, Kanagawa 221-0023, JAPAN

(72)Name of Inventor :

1)Kazuma OKURA

(57) Abstract :

Immediately after the ignition switch is turned on (S11), a check is performed in S12-S15 to determine whether the replacement high-energy battery is an authorized, legitimate product. In S12 the identification code (ID) of the high-energy battery is compared with identification codes (IDs) for legitimate high-energy batteries. When it is determined in S13 that the identification code (ID) matches, then in S14 a flag BFLAG is set to 1 to indicate that the replacement high-energy battery is a legitimate product; when it is determined in S13 that the identification code (ID) does not match, then in S15 the flag BFLAG is set to 0 to indicate that the replacement high-energy battery is an unauthorized, illegitimate product. Subsequently, control is moved from S11 to S16, and if the BFLAG = 1, then in S17 the motor output is controlled normally, but if the BFLAG = 0, then in S18 the motor output is restricted such that vehicle speed is limited to 20 km/h. Thus, when an unauthorized battery has been used as a replacement the driver is alerted quickly and driving is permitted, enabling the driver to perform a replacement with an authorized battery.

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

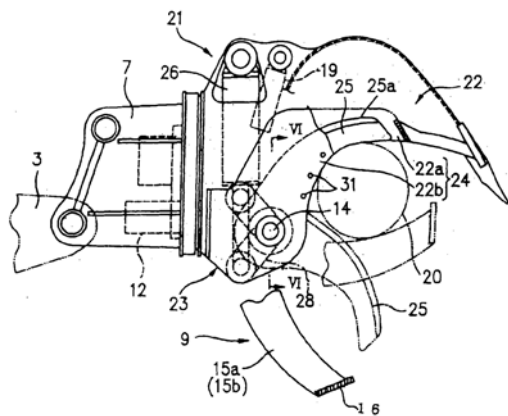
(54) Title of the invention : GRAPPLE BUCKET APPARATUS

(51) International classification :E02F3/40
 (31) Priority Document No :2010-221820
 (32) Priority Date :30/09/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/073157
 Filing Date :30/09/2011
 (87) International Publication No :WO 2012/043888
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)MATSUMOTO SYSTEM ENGINEERING CO., LTD.
 Address of Applicant :1043-4, Wada, Sasaguri-machi,
 Kasuya-gun, Fukuoka 811-2414 JAPAN
 (72)**Name of Inventor :**
1)Ryozo MATSUMOTO

(57) Abstract :

The purpose of the present invention is enable grappling material that has been grappled by a grapple device to be severed while grappled. A grapple bucket device is provided with a severing device that severs grappling material that has been grappled by a grapple member, in one side wall section of a bucket that is revolvable in a vertical direction on an arm that revolves in a vertical direction and is rotatable around the axis in the extension direction of the arm. The severing device is positioned on either the outside or the inside of the bucket side wall; is pivotally supported by the base end parts of the bucket opening so as to be revolvable from a position separated from the edge of the bucket opening to a position alongside the side wall of the bucket in the direction along the side wall; and comprises a severing blade with a cutting blade on the side edge of the side that faces the bucket opening edge side and a hydraulic cylinder disposed on the rear surface section of the bucket and connected to the arm which is disposed in the revolving movement base section of the severing blade.



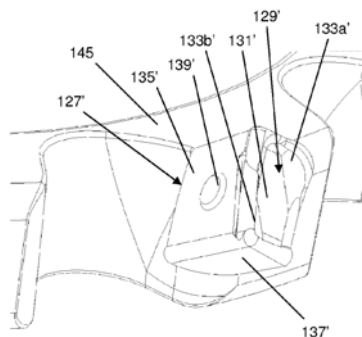
No. of Pages : 27 No. of Claims : 4

(54) Title of the invention : CUTTING TOOL HOLDING A PLURALITY OF TYPES OF CUTTING INSERTS

(51) International classification	:B23C5/22,B23C5/08	(71)Name of Applicant :
(31) Priority Document No	:10189748.6	1)SECO TOOLS AB
(32) Priority Date	:03/11/2010	Address of Applicant :S-737 82 Fagersta, SWEDEN
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/068854	1)MICHELET, Benjamin
Filing Date	:27/10/2011	2)RIVI`RE, Bertrand
(87) International Publication No	:WO 2012/059394	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A toolholder (123) for holding a plurality of types of removable cutting inserts (21, 21, 21) is provided. The toolholder (123) includes a toolholder body (125) including an insert- receiving recess (127, 127), the recess including an insert abutment surface (129, 29) for abutting a corresponding insert supporting surface (37, 39; 43, 45; 37) of an insert. The insert abutment surface (129, 129) includes a first portion (131, 131) adapted to abut a first insert supporting surface (37) of a first type of cutting insert (21) and a second portion (133, 133) adapted to abut a second insert supporting surface (37, 39; 43, 45) of a second type of cutting insert (21, 21).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/04/2013

(21) Application No.1155/KOLNP/2013 A

(43) Publication Date : 13/09/2013

(54) Title of the invention : MOUNTING BRACKET

(51) International classification :H05K7/18
(31) Priority Document No :201010532666.3
(32) Priority Date :22/10/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/077867
Filing Date :01/08/2011
(87) International Publication No :WO 2012/051874
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)HUAWEI TECHNOLOGIES CO., LTD.

Address of Applicant :Huawei Administration Building
Bantian, Longgang District, Shenzhen, Guangdong 518129, P.R.
CHINA

(72)Name of Inventor :

1)REN, Jianguang

2)LI, Shijie

3)HUANG, Jichang

4)LONG, Jinsong

(57) Abstract :

Disclosed is a mounting support frame for adapting installation modes of various telecommunication devices, in which the mounting support frame comprises a slideway 1 and a slideway 2 parallel to a first direction, a slideway 3 and a slideway 4 parallel to a second direction; and a C-type slideway is provided on the slideway 1, slideway 2, slideway 3, and slideway 4 respectively; both ends of each of the slideways 3 and 4 are movable along the C- type slideways of the slideways 1 and 2 respectively in the first direction, and are fastened to the slideways 1 and 2 via a slideway fastening structure; at least one device fastening structure for fastening a device is carried respectively on the C-type slideways of the slideways 3 and 4, and the device fastening structure is movable along the C-type slideway of the slideway 3 or the slideway 4 in the second direction. The mounting support frame provided in embodiments of the present invention can adapt to the dimensions of various telecommunication devices and it is universal.

No. of Pages : 23 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1107/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : A METHOD AND AN ARRANGEMENT FOR SHARING OF A FIRST CELL RADIO NETWORK TEMPORARY IDENTIFIER

(51) International classification	:H04W76/02,H04W72/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TELEFONAKTIEBOLAGET LM 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/SE2010/051036	1)LARMO, Anna
Filing Date	:27/09/2010	2)S...GFORS, Mats
(87) International Publication No	:WO 2012/044211	3)SUSITAIVAL, Riikka
(61) Patent of Addition to Application Number	:NA	4)TORSNER, Johan
Filing Date	:NA	5)WAGER, Stefan
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

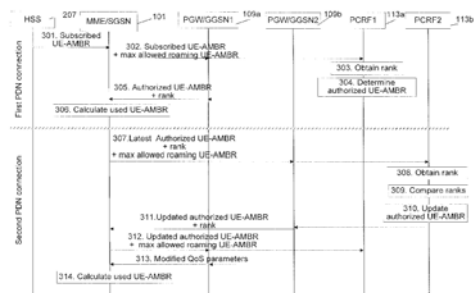
(57) Abstract :
method and an arrangement (800) in a radio network node (140) for sharing of a first Cell Radio Network Temporary Identifier, referred to as C-RNTI between at least a first and a second communication device (110, 120) are provided. The radio network node (140) receives a first random access preamble from the first communication device (110). Furthermore, the radio network node (140) associates the first C-RNTI to the first communication device (110), in response to the first random access preamble. The radio network node (140) receives a second random access preamble from the second communication device (120). Moreover, the radio network node (140) associates the first C-RNTI to the second communication device (120), in response to the second random access preamble, while the association of the first C-RNTI to the first communication device (110) is maintained. A method and an arrangement (900) in a first communication device (110) for enabling sharing of a first Cell Radio Network Temporary Identifier between at least the first communication device (110) and a second communication device (120) are provided.

No. of Pages : 48 No. of Claims : 13

(54) Title of the invention : AUTHORIZATION OF A COMMUNICATION NODE TO DETERMINE A BIT RATE

(51) International classification	:H04W28/22	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TELEFONAKTIEBOLAGET L M ERICSSON (publ)
(32) Priority Date	:NA	Address of Applicant :SE-164 83 Stockholm, SWEDEN
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/EP2010/064334	1)YANG, Yong
Filing Date	:28/09/2010	2)STENFELT, John
(87) International Publication No	:WO 2012/041366	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present solution relates to a method in a first communication node (109,113) for enabling authorization of the first communication node (109,113) to determine a first bit rate. The first communication node (109,113) receives (302,306,401), from a second communication node (101), a message comprising at least one trigger to determine a first bit rate and obtains (303,308,402) a first rank. The node (109,113) determines (304,404) the first bit rate associated with the first rank, and transmits (305,312,405) the first bit rate associated with the first rank to the second communication node (101), enabling authorization of the first communication node (109,113) to determine the first bit rate.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1109/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : TRANSPOSE BOX BASED NETWORK SCALING

(51) International classification :G06F15/16
(31) Priority Document No :12/888,199
(32) Priority Date :22/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/052356
Filing Date :20/09/2011
(87) International Publication No :WO 2012/040205
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AMAZON TECHNOLOGIES, INC.
Address of Applicant :P.O. Box 8102, Reno, Nevada 89507
U.S.A.
(72)**Name of Inventor :**
1)MARR, Michael David
2)JUDGE, Alan M.
3)BRAR, Jagwinder Singh
4)LAMOREAUX, Tyson J.
5)KELLY, Mark N.
6)COHN, Daniel T.

(57) Abstract :

The deployment and scaling of a network of electronic devices can be improved by utilizing one or more network transpose boxes. Each transpose box can include a number of connectors and a meshing useful for implementing a specific network topology. When connecting devices of different tiers in the network, each device need only be connected to at least one of the connectors on the transpose box. The meshing of the transpose box can cause each device to be connected to any or all of the devices in the other tier as dictated by the network topology. When changing network topologies or scaling the network, additional devices can be added to available connectors on an existing transpose box, or new or additional transpose boxes can be deployed in order to handle the change with minimal cabling effort.

No. of Pages : 46 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1165/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : PANEL HEATER WITH TEMPERATURE MONITORING

(51) International classification :H05B3/26,H05B3/84
(31) Priority Document No :10191723.5
(32) Priority Date :18/11/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/070426
Filing Date :18/11/2011
(87) International Publication No :WO 2012/066112
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SAINT-GOBAIN GLASS FRANCE

Address of Applicant :18 avenue d'Alsace, F-92400 Courbevoie, FRANCE

(72)Name of Inventor :

1)Christoph DEGEN

2)Dang Cuong PHAN

3)Mitja RATEICZAK

4)Andreas SCHLARB

5)Stefan DROSTE

6)Robert DRESE

7)Gunther VORTMEIER

8)Patrick WEBER

9)Olaf ECKELT

10)Walter SCHREIBER

11)Giordano SOMA

(57) Abstract :

The invention relates to a panel heater with at least one flat substrate and an electrically conductive coating, which extends at least over part of a substrate area and is electrically connected to at least two connecting electrodes provided for electrical connection to the two terminals of a voltage source in such a way that, by applying a feed voltage a heating current flows in a heating element array, which is provided with one or more heating current paths formed in the conductive coating. The panel heater has one or more measurement current paths formed in the conductive coating which differ at least sectionally from the heating current paths, wherein each measurement current path is thermally coupled at least to a subregion of the heating element array and has at least two connecting sections for connecting a measuring device for determining the electrical resistance of said measurement current path. The heating and measurement current paths are each formed into the conductive coating by coating-free dividing regions, for example dividing lines, and are formed by the conductive coating. The invention further extends to a method for operating such a panel heater and the use thereof.

No. of Pages : 42 No. of Claims : 15

(54) Title of the invention : CONTAINER FOR USE WHEN PRODUCING A MULTI-LAYERED BLOOD PRODUCT

(51) International classification :A61M1/36,B01L3/14
 (31) Priority Document No :PA 2010 00841
 (32) Priority Date :20/09/2010
 (33) Name of priority country :Denmark
 (86) International Application No :PCT/DK2011/050354
 Filing Date :20/09/2011
 (87) International Publication No :WO 2012/037942
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

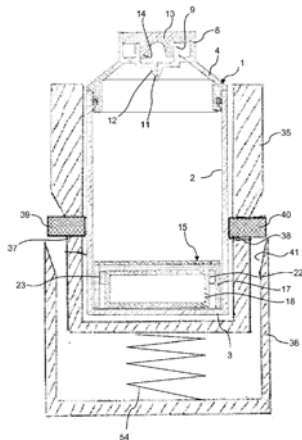
1)REAPPLIX APSAddress of Applicant :Blokken 45, DK-3460 Birkerød
DENMARK

(72)Name of Inventor :

1)LUNDQUIST, Rasmus**2)HOLM, Niels Erik**

(57) Abstract :

Container to be used for preparing a multi-layered blood product by centrifugation, said container comprising a substantially cylindrical body (2) with a closed bottom (3) and a top (4) having a filling opening as well as a filter device (15), which is slidable inside the container (1). The filling opening is closed by means of a penetrable membrane (13), and the filter device (15) comprises a substantially planar mesh (16) and a supporting buoyancy body (18). In addition to this, there are means (35, 36, 39, 40, 42), for releasable fixation of the filter device (15) adjacent to the bottom (3) of the container (1).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1117/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : ELECTRICAL SYSTEM, METHOD, AND APPARATUS OF FINGERPRINT SENSOR USING ACOUSTIC IMPEDIOGRAPHY

(51) International classification :G01R27/28,G01H5/00,A41D1/06
(31) Priority Document No :61/394,569
(32) Priority Date :19/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/056888
Filing Date :19/10/2011
(87) International Publication No :WO 2012/054605
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SONAVATION, INC.
Address of Applicant :357 Hiatt Drive, Palm Beach Gardens,
FL 33418 U.S.A.
(72)**Name of Inventor :**
1)LIAUTAUD, Christian
2)SCHMITT, Rainer M.

(57) Abstract :

Provided is a method of arranging a plurality of sensor elements to form a sensor array. The method includes arranging the plurality of elements to form two or more sub-rows along an axis. Elements in a first of the two or more sub-rows are positioned in a staggered arrangement with the elements in a second of the two or more sub-rows.

No. of Pages : 22 No. of Claims : 8

(54) Title of the invention : APPARATUS IMPLEMENTING THE UNIVERSAL HASH ALGORITHM AND HASH ALGORITHM FOR GENERATING DERIVATIVE KEY AND METHOD OF ENCRYPTING THE SAME

(51) International classification :G06F21/00
 (31) Priority Document No :10/918,717
 (32) Priority Date :12/08/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/028316
 Filing Date :09/08/2005
 (87) International Publication No :WO/2006/023334
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :837/KOLNP/2007
 Filed on :08/03/2007

(71)Name of Applicant :

1)CMLA, LLC.

Address of Applicant :C/O INTEL CORPORATION, 2111 NE 25TH AVENUE, M/S JF2-98, HILLSBORO, OR 97124 U.S.A.

(72)Name of Inventor :

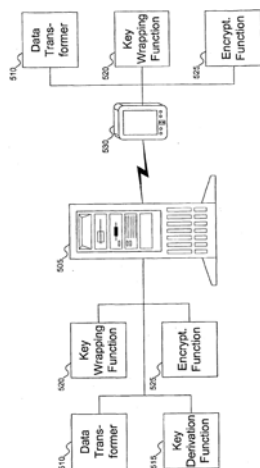
1)DAMGAARD, IVAN, BJERRE

2)PEDERSEN, TORBEN, PRYDS

3)RIJMEN, VINCENT

(57) Abstract :

Apparatus implementing the universal hash algorithm and hash algorithm for generating derivative key and method of encrypting the same are disclosed. The apparatus comprises input port to receive a master key, implementing universal hash algorithm and hash algorithm, generating a derivative key from master key using the implementation of universal hash algorithm and hash algorithm and an output port to output derivative key. The method for encrypting derivative key comprises the steps of generating the derivative key by dividing the master key into a first segment and a second segment, hashing the first segment to produce a hash value, determining a first number and a second number from the second segment, computing a product of the first number and the hash value, computing a sum of the product and the second number and computing a result as the sum modulo a modulus and selecting the derivative key from bits in the result and encrypting data using the derivative key.



No. of Pages : 56 No. of Claims : 79

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1174/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : LIQUID-CRYSTAL DISPLAYS AND LIQUID-CRYSTALLINE MEDIA HAVING HOMEOTROPIC ALIGNMENT

(51) International classification :C09K19/54,C09K19/42
(31) Priority Document No :10 2010 046 593.3
(32) Priority Date :25/09/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/004340
Filing Date :29/08/2011
(87) International Publication No :WO 2012/038026
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MERCK PATENT GMBH
Address of Applicant :Frankfurter Strasse 250, 64293
Darmstadt, GERMANY
(72)**Name of Inventor :**
1)ARCHETTI, Graziano
2)TAUGERBECK, Andreas

(57) Abstract :

The invention relates to liquid crystalline media (LC media) with negative or positive dielectric anisotropy, containing self-aligning mesogens (SAM) which cause a homeotropic (vertical) alignment of the LC media on a surface or on the cell walls of a liquid crystal display (LC display). The invention therefore also comprises LC displays with homeotropic alignment of the liquid crystalline medium (LC medium), without conventional imide alignment layers. The LC media can be supplemented with a polymerisable or polymerised component that can be used to stabilise the alignment, adjust the tilt angle and/or act as a passivation layer.

No. of Pages : 154 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1175/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD FOR THE ROLL-FORMING OF PROFILES AND A STRUCTURAL PART PRODUCED THEREBY

(51) International classification	:B21D5/08
(31) Priority Document No	:10 2010 050 400.9
(32) Priority Date	:03/11/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/005553
Filing Date	:03/11/2011
(87) International Publication No	:WO 2012/059233
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)JOHNSON CONTROLS GMBH
Address of Applicant :Industriestraße 20-30, 51399 Burscheid,
GERMANY
(72)**Name of Inventor :**
1)GROSS, Bernd
2)WERNER, Hans-Georg

(57) Abstract :

The invention relates to a method for the roll-forming of profiles or structural parts from semifinished sheet-like products, in particular from metallic materials, in particular from steel sheet or aluminium. For this, the semifinished sheet-like product is adjusted in its temperature, the adjustment of the temperature taking place locally, in particular in forming regions of the semifinished product that are intended to undergo a forming operation. Furthermore, the invention relates to a component preferably produced by using this method, in particular a structural part for a seat structure of a motor vehicle, in particular a vehicle seat rail that can be adjusted forwards and backwards to adjust the seat, and to a roll-forming device for carrying out the method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1110/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : SEMICONDUCTOR-METAL COIL UNITS AND ELECTRICAL APPARATUS COMPRISING SAME

(51) International classification :H01L21/02,H01L21/62,H01L31/18
(31) Priority Document No :61/410,808
(32) Priority Date :05/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/059638
Filing Date :07/11/2011
(87) International Publication No :WO 2012/061829
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)LEVITRONICS, INC.
Address of Applicant :14580 Wilmot Way, Lake Oswego, OR
97035 U.S.A.
(72)Name of Inventor :
1)BARBAT, William, N.

(57) Abstract :

Coil units are disclosed for use in electrical circuits. An exemplary coil unit comprises a rigid substrate having an electrically non-conductive three-dimensional (3-D) surface. At least one 3-D coil (shaped, for example, as a helical coil) of semiconductor material is formed on the substrate surface. Disposed on the at least one coil of semiconductor material is a 3-D coil of a conductive metal. The coil of conductive metal is situated sufficiently closely to the at least one coil of semiconductor material for the coil of conductive metal to produce Coulombic drag in the at least one coil of semiconductor material when the coils are conductive of low-mass electrons. The semiconductor material can be a photoconductor or other material that has conductive low-mass electrons.

No. of Pages : 33 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1111/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD AND DEVICE FOR DETECTING NUCLEIC ACID, AND KIT

(51) International classification :C12Q1/68,C12M1/00,C12N15/09

(31) Priority Document No :2010-211889

(32) Priority Date :22/09/2010

(33) Name of priority country :Japan

(86) International Application
No :PCT/JP2011/071477

Filing Date :21/09/2011

(87) International Publication
No :WO 2012/039422

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

1)KANEKA CORPORATION

Address of Applicant :2-3-18, Nakanoshima, Kita-ku, Osaka
5308288 JAPAN

(72)Name of Inventor :

1)MIYAMOTO Shigehiko

2)JIKIHARA Takaaki

3)SANO Sotaro

4)TAKAHASHI Koji

5)TOMONO Jun

(57) Abstract :

Provided are a method for detecting multiple chain nucleic acid amplified by a nucleic acid amplification technique, easily and accurately, without requiring any special equipment, and a device for detecting nucleic acid. Provided are a method for detecting nucleic acid by visible light using a color reaction generated by the contact of chromogenic leuco dye and multiple chain nucleic acid, and a device for detecting nucleic acid used for the method.

No. of Pages : 42 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/04/2013

(21) Application No.1171/KOLNP/2013 A

(43) Publication Date : 13/09/2013

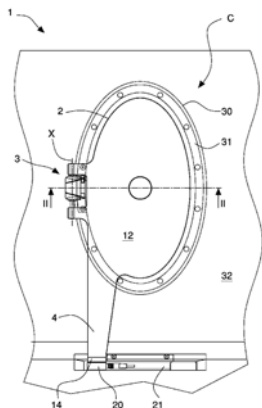
(54) Title of the invention : SAFETY DEVICE FOR GLOVE PORTS

(51) International classification :B25J21/02
(31) Priority Document No :BO2010A000622
(32) Priority Date :15/10/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2011/054382
Filing Date :05/10/2011
(87) International Publication No :WO 2012/049589
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)I.M.A. INDUSTRIA MACCHINE AUTOMATICHE S.P.A.
Address of Applicant :Via Emilia 428-442, I-40064 Ozzano dell'Emilia (BO) ITALY
(72)Name of Inventor :
1)SASSATELLI, Luca

(57) Abstract :

A safety device (1) for glove port comprises a hatch (2) that is rotatably fixable by hinge means (3) to an outer frame (31) of a glove port (30) so as to rotate between a closing position (C) and an opening position (A) for preventing or allowing access to the glove port (30) respectively; the device further comprises sensor means (20) associable with the glove port (30) and arranged for engaging and/or detecting an abutment portion (4) of said hatch (2) in the closing condition (C) and generating an alarm signal when said abutment portion (4) does not engage the sensor means (10), in particular when the hatch (2) is not in the closing position (C).



No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1172/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : SUSTAINED-RELEASE TABLET AND PROCESS FOR PREPARING THE SAME

(51) International classification	:A61K9/20
(31) Priority Document No	:61/344,842
(32) Priority Date	:21/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2011/068443
Filing Date	:21/10/2011
(87) International Publication No	:WO 2012/059338
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GALDERMA S.A.

Address of Applicant :Zugerstrasse 8, CH-6330 Cham

SWITZERLAND

(72)Name of Inventor :

1)SEGURA, Sandrine

2)BUSSARD, Ludovic

3)ETCHEGARAY, Jean-Pierre

(57) Abstract :

A method for producing a sustained-release tablet having improved stability and content uniformity is provided. The method involves first preparing a core tablet by granulating, drying, milling, blending, and compressing a mixture of active and inactive ingredients. Four coating layers are applied to the core tablet: an inner layer, an enteric coating layer, an active layer, and an outer layer. The active ingredient may be a tetracycline, such as doxycycline. A sustained-release tablet prepared according to the method is also described.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1173/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : COMBINATION TREATMENT FOR DERMATOLOGICAL CONDITIONS

(51) International classification :A61K31/4985,A61K31/4168,A61K31/4164
(31) Priority Document No :61/387,268
(32) Priority Date :28/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/053455
Filing Date :27/09/2011
(87) International Publication No :WO 2012/050831
(61) Patent of Addition to :NA
Application Number :NA
Filing Date :NA
(62) Divisional to :NA
Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)GALDERMA S.A.

Address of Applicant :World Trade Center A venue Gratta-Paille 1 Lausanne 30 Grey, CH-1000 SWITZERLAND

(72)Name of Inventor :

1)GRAEBER, Michael

2)LEONI, Matthew, James

3)WAGNER, Nathalie

(57) Abstract :

The invention relates to a method of treating dermatological conditions or symptoms associated therewith in a patient in need thereof by topically administering an effective amount of a combination of brimonidine or a pharmaceutically acceptable salt thereof and oxymetazoline or a pharmaceutically acceptable salt thereof to the affected area of skin on the patient. The invention further relates to topical compositions including the combination of compounds and a pharmaceutically acceptable carrier.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1119/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : A DATA TRANSFORMER, A DATA SECURITY DEVICE, METHOD FOR GENERATING DATA TRANSFORM AND METHOD FOR ENHANCING SECURITY OF DATA

(51) International classification	:G06F1/32
(31) Priority Document No	:10/918,103
(32) Priority Date	:12/08/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/028316
Filing Date	:09/08/2005
(87) International Publication No	:WO/2006/023334
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:837/KOLNP/2007
Filed on	:08/03/2007

(71)Name of Applicant :

1)CMLA, LLC.

Address of Applicant :C/O INTEL CORPORATION, 2111
NE 25TH AVENUE, M/S JF2-98, HILLSBORO, OR 97124
U.S.A.

(72)Name of Inventor :

1)DAMGAARD, IVAN, BJERRE

2)PEDERSEN, TORBEN, PRYDS

3)RIJMEN, VINCENT

(57) Abstract :

A data transformer, a data security device, method for generating data transform and method for enhancing security of data are disclosed. The data transformer comprises input port to receive data, a divider to divide said data into a first and second segments; a calculator to compute an exponential permutation of data using first and second segments, a predefined modulus; and an output port to output said first segment and said exponential permutation as transformed data. The data security device comprises a data transformer implementing first formula to compute a power as a function of first segment, implementing second formula to compute a result of raising a function of second segment and implementing a third formula to compute exponential permutation as result modulo of predefined modulus; and output port to output first segment and exponential permutation of transformed data; and implementing a security algorithm to secure transformed data.

No. of Pages : 44 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1120/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : SUBSTITUTED BENZAMIDE COMPOUNDS

(51) International classification :C07D209/46,C07D211/58,C07D213/68
(31) Priority Document No :10010200.3
(32) Priority Date :22/09/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/004732
Filing Date :21/09/2011
(87) International Publication No :WO 2012/038081
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GRÜNENTHAL GMBH
Address of Applicant :Zieglerstrasse 6, D-52078 Aachen, GERMANY
(72)Name of Inventor :
1)REICH, Melanie
2)SCHUNK, Stefan
3)JOSTOCK, Ruth
4)DE VRY, Jean
5)KNEIP, Christa
6)GERMANN, Tieno
7)ENGELS, Michael

(57) Abstract :

The invention relates to substituted benzamide compounds, to methods for producing same, to medicaments containing said compounds and to the use of substituted benzamide compounds for producing medicaments. The compounds are useful as B1R modulators for the treatment of, for example, pain.

No. of Pages : 439 No. of Claims : 15

(54) Title of the invention : DEVICE FOR ABSORPTION OF NOISE

(51) International classification :H01F17/06,H01F27/33,H04B15/02
 (31) Priority Document No :10 2010 042 743.8
 (32) Priority Date :21/10/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/067886
 Filing Date :13/10/2011
 (87) International Publication No :WO 2012/052351
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)WÜRTH ELEKTRONIK EISOS GMBH & CO. KG

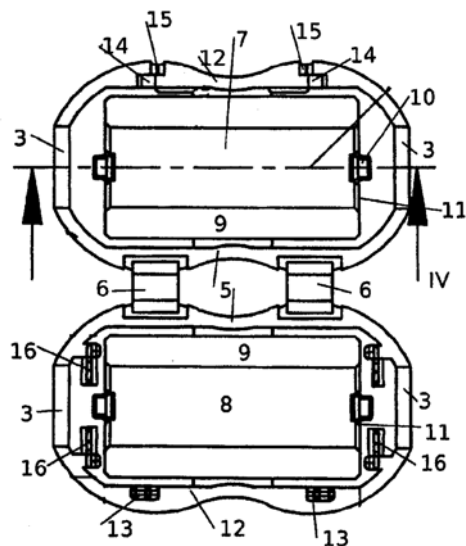
Address of Applicant :Max-Eyth-Straße 1, 74638 Waldenburg, GERMANY

(72)Name of Inventor :

1)KONZ, Oliver

(57) Abstract :

A device for absorption of electrical noise on lines contains a housing which is formed from two half-shells, which are connected to one another with the aid of a film hinge and, in the area of their opposite edges, have a locking device, which locks the two half-shells. A ferrite element is held in each half-shell. An aperture or a window is formed in the wall of one half-shell, through which the locking device can be seen, which locking device acts per se in a depression within the wall. Through this aperture it is possible to check and to inspect whether two elements which form the locking device are correctly seated.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1178/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : PREPARATION OF A POLYETHERIMIDE INTERMEDIATE AND ITS APPLICATION ON METAL SUBSTRATES

(51) International classification :C08G73/10,C09D179/08,H01L31/0216
(31) Priority Document No :10013623.3
(32) Priority Date :14/10/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/005166
Filing Date :14/10/2011
(87) International Publication No :WO 2012/048888
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TATA STEEL NEDERLAND TECHNOLOGY B.V.
Address of Applicant :P.O. Box 10000, 1970 CA IJMUIDEN, NETHERLAND
2)TATA STEEL LIMITED
(72)Name of Inventor :
1)GAIKWAD, Anil Vilas
2)ROUT, Tapan Kumar
3)DINGEMANS

(57) Abstract :

A method of preparing a polyetherimide coated metal substrate which comprises the steps of applying a water based solution comprising a polyetherimide intermediate on a substrate to form a coating and subjecting the coated substrate to a heat treatment such that the coating is dried and cured, wherein the water based solution is prepared by mixing an aromatic dianhydride or derivative thereof and a first aliphatic polyetherdiamine in an organic solvent solution; subjecting this solution to a heat treatment to form a polyetherimide intermediate; precipitating the polyetherimide intermediate from the organic solvent; filtering and drying the precipitate and providing the dried precipitate in a water based solution.

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

(54) Title of the invention : ECHO SUPPRESSION COMPRISING MODELING OF LATE REVERBERATION COMPONENTS

(51) International classification	:G10L21/02,H04M9/08	(71)Name of Applicant :
(31) Priority Document No	:61/406,246	1)FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG
(32) Priority Date	:25/10/2010	DER ANGEWANDTEN FORSCHUNG E.V.
(33) Name of priority country	:U.S.A.	Address of Applicant :Hansastrasse 27c, 80686 München,
(86) International Application No	:PCT/EP2011/067486	GERMANY
Filing Date	:06/10/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/055687	1)KÜCH, Fabian
(61) Patent of Addition to Application	:NA	2)SCHMIDT, Markus
Number	:NA	3)FALLER, Christof
Filing Date	:NA	4)FAVROT, Alexis
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus (200) for computing filter coefficients ($H[k,m]$) for an adaptive filter (210) is disclosed. The adaptive filter is used for filtering a microphone signal (140, 430) so as to suppress an echo due to a loudspeaker signal (130, 420). The apparatus (200) comprises: an echo decay modeling means (465) for modeling a decay behavior of an acoustic environment (120) and for providing a corresponding echo decay parameter ($\tau; \alpha_m$); and computing means (270; 370) for computing the filter coefficients ($H[k,m]$) of the adaptive filter (210) on the basis of the echo decay parameter ($\tau; \alpha_m$). A corresponding method comprises: providing echo decay parameters ($\tau; G[k,m]; \alpha_m$) determined by means of an echo decay modeling means (465); and computing the filter coefficients ($H[k,m]$) of the adaptive filter (210) on the basis of the echo decay parameters ($\tau; \alpha_m$).

No. of Pages : 63 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1122/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : DEVICE AND METHOD FOR COOL DRYING A GAS

(51) International classification	:B01D53/26
(31) Priority Document No	:2010/0681
(32) Priority Date	:16/11/2010
(33) Name of priority country	:Belgium
(86) International Application No	:PCT/BE2011/000062
Filing Date	:31/10/2011
(87) International Publication No	:WO 2012/065235
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ATLAS COPCO AIRPOWER, NAAMLOZE

VENNOOTSCHAP

Address of Applicant :Boomsesteenweg, 957, B-2610 Wilrijk, BELGIUM

(72)Name of Inventor :

1)GEERTS Bart

(57) Abstract :

Device for cool drying a gas that consists of a closed cooling circuit (2) with a compressor (3), and which further in the direction of flow (M) of the coolant successively contains a condenser (5), an expansion means (7) followed by an evaporator (8), that constitutes the primary part of a heat exchanger (9) with a secondary part (10) through which the gas to be dried is guided, and whereby there is a bypass pipe (17) in the cooling circuit (2) that can be closed by means of a bypass valve (18) with a valve element (23) and a pressure-sensitive element (30) acting on it that is exposed to a local control pressure in the cooling circuit (2), whereby the control pressure pipe (38) is connected to the closed cooling circuit (2) upstream of the outlet of the evaporator (8).

No. of Pages : 37 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1123/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : INTEGRATED PRE-HEATING AND COOLING SYSTEM FOR DIES

(51) International classification :B22D17/22,B29C45/73
(31) Priority Document No :BS2010A000190
(32) Priority Date :24/11/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2011/055248
Filing Date :23/11/2011
(87) International Publication No :WO 2012/069998
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INDUSTRIAL FRIGO S.R.L.
Address of Applicant :Via Rovadino 35 -25011 Calcinato,
(BRESCIA), ITALY
(72)**Name of Inventor :**
1)PENOCCHIO Camillo
2)BONVICINI Paolo

(57) Abstract :

The invention concerns a system for the thermoregulation of dies for die-casting, dies for chill casting and the like. It comprises a tank (11) containing a cooling fluid; a primary hydraulic circuit (12) for a circulation of the cooling fluid from the tank to the die to be cooled and from this to the tank through a heat exchanger (SC); a secondary pneumatic circuit (13) connected to the primary hydraulic circuit (12) for the circulation of an aeriform fluid in the die to be cooled both in alternative, and in a mixed form with the liquid cooling fluid; and a pre-heating hydraulic circuit (112) integrated with the primary hydraulic circuit (12) and assigned to the production and circulation of a hot liquid fluid for pre-heating the die to be thermoregulated.

No. of Pages : 19 No. of Claims : 8

(54) Title of the invention : INVERTER CIRCUIT AND CONTROL METHOD FOR INVERTER CIRCUIT

(51) International classification :H02M1/00
 (31) Priority Document No :201210033880.3
 (32) Priority Date :15/02/2012
 (33) Name of priority country :China
 (86) International Application No :PCT/CN2012/083905
 Filing Date :01/11/2012
 (87) International Publication No :WO/2013/120363
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)HUAWEI TECHNOLOGIES CO., LTD.

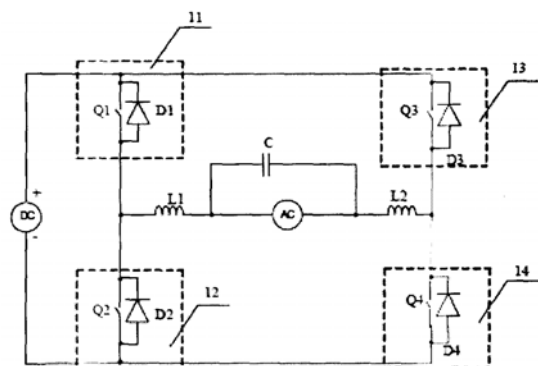
Address of Applicant :HUAWEI ADMINISTRATION
 BUILDING, BANTIAN, LONGGANG DISTRICT,
 SHENZHEN, GUANGDONG 518129, P.R. CHINA

(72)Name of Inventor :

1)ZHANG,YANZHONG

(57) Abstract :

The present invention provides an inverter circuit and a control method for the inverter circuit, where the inverter circuit includes a direct current source, an alternating current circuit and more than one inverter bridge. The inverter bridge includes a first bridge and a second bridge, where the first bridge is connected to the positive pole and the negative pole of the direct current source respectively, the second bridge is connected to the positive pole and the negative pole of the direct current source respectively, The first bridge includes a first switch component set and a second switch component set that are in series, and the second bridge includes a third switch component set and the fourth switch component set that are in series. The alternating current circuit includes a first alternating current source and a first capacitor that are in parallel, or includes a first alternating current load and a first capacitor that are in parallel. In the technical solutions provided by embodiments of the present invention, a soft switch can be implemented in the inverter circuit.



No. of Pages : 45 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1182/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : MOBILE TERMINAL, BASE STATION AND METHODS THEREIN

(51) International classification	:H04W74/08
(31) Priority Document No	:61/388,914
(32) Priority Date	:01/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SE2011/051158
Filing Date	:28/09/2011
(87) International Publication No	:WO 2012/044240
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
Address of Applicant :S-164 83 STOCKHOLM Sweden

(72)**Name of Inventor :**
1)PRADAS,JOSE LUIS
2)ALSENMYR, GERTIE
3)MANZANO, FRANCISCO
4)SUNELL,KAI-ERIK
5)PEISA, JANNE

(57) Abstract :

Embodiments herein relate to a method in a mobile terminal (10) for requesting access to a wireless communication system. The mobile terminal (10) receives broadcasted system information directly indicating first access request preambles for a first contention based channel, and indirectly indicating second access request preambles for a second contention based channel based on the directly indicated first access request preambles. The mobile terminal (10) further derives the second access request preambles from the first access request preambles. Additionally the mobile terminal requests access using the second access request preambles or the first access request preambles to access the wireless communication system.

No. of Pages : 99 No. of Claims : 70

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1128/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : DIGITAL RECEIVING DEVICE

(51) International classification :H04N7/173,H04N5/44
(31) Priority Document No :2011-006591
(32) Priority Date :17/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/000074
Filing Date :10/01/2012
(87) International Publication No :WO 2012/098832
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)PANASONIC CORPORATION
Address of Applicant :1006, Oaza Kadoma, Kadoma-shi,
Osaka-571-8501, JAPAN
(72)Name of Inventor :
1)HARIMOTO, Shuji
2)YAMAMOTO, Shinji

(57) Abstract :

A first bit rate calculation processing unit of a digital receiving device according to the present invention receives receiving packet data including first packet data and second packet data and calculates a first bit rate of the receiving packet data. When the first bit rate is not larger than a given threshold, the first bit rate calculation processing unit outputs the receiving packet data to an error correction processing unit, the error correction processing unit outputs receiving packet data obtained by applying an error processing to the outputted receiving packet data and a decoding unit decodes the receiving packet data outputted from the error correction processing unit. When the first bit rate is larger than the threshold, the first bit rate calculation processing unit outputs the receiving packet data to a separation processing unit, the separation processing unit outputs residual packet data obtained by discarding the second packet data from the receiving packet data, the error correction processing unit outputs residual packet data obtained by applying an error processing to the residual packet data, and the decoding unit decodes the residual packet data outputted from the error correction processing unit. The digital receiving device can reduce the occurrence of processing delay even if the bit rate of digital data is increased.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1129/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : POSITIONING MEASUREMENTS AND CARRIER SWITCHING IN MULTI CARRIER WIRELESS COMMUNICATION NETWORKS

(51) International classification	:H04W36/06,H04W64/00	(71)Name of Applicant :
(31) Priority Document No	:61/388,845	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:01/10/2010	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/SE2011/051063	1)KAZMI, Muhammad
Filing Date	:05/09/2011	2)SIOMINA, Iana
(87) International Publication No	:WO 2012/044232	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

in a multi-carrier wireless communication network (10), positioning-aware switching (106, 208) of a primary carrier from a first carrier to a second carrier for a UE (12) is constrained to enable one or more positioning measurements (204) to be performed. Either the selection (104) of the second carrier, the timing of switching (106) from the first to the second carrier, or both, are constrained to enable and enhance the positioning performance. The constraints may be operative at a serving node (32) of the network (10), at a UE (12), or both. Further constraints may be applied to the network (10) to enhance positioning performance. Carrier switching (106, 208) may be across Radio Access Technology, RAT (40,50), and the positioning constraints may include configuring or re-configuring a device to perform positioning measurements (204) in measurement gaps (e.g. on a secondary carrier in LTE systems when Positioning Reference Signals are not transmitted on the primary carrier).

No. of Pages : 38 No. of Claims : 65

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1190/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : RELUCTANCE MOTOR

(51) International classification	:H02K1/24,H02K1/27	(71)Name of Applicant :
(31) Priority Document No	:10 2010 044 046.9	1)KSB AKTIENGESELLSCHAFT
(32) Priority Date	:17/11/2010	Address of Applicant :JOHANN-KLEIN-STRABE 9, 67227
(33) Name of priority country	:Germany	FRANKENTHAL GERMANY
(86) International Application No	:PCT/EP2011/069391	(72)Name of Inventor :
Filing Date	:04/11/2011	1)URSCHEL,SVEN
(87) International Publication No	:WO 2012/065857	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a rotor of a reluctance machine, comprising a laminated core which has flux barriers that form an even number of salient poles and define the q-axis of the rotor. The rotor is provided with permanent magnets and cavities housing the permanent magnets are provided in the d-axis of the rotor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1191/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF SUPPORTED CATALYSTS AND USE OF THE CATALYST FOR THE ESTERIFICATION OF FREE FATTY ACIDS IN VEGETABLE OIL

(51) International classification :B01J31/02,B01J31/10,B01J35/00
(31) Priority Document No :10189674.4
(32) Priority Date :02/11/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/068209
Filing Date :19/10/2011
(87) International Publication No :WO 2012/059323
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)EVONIK DEGUSSA GMBH
Address of Applicant :RELLINGHAUSER STRAßE 1-11,
45128 ESSEN GERMANY
(72)Name of Inventor :
1)HAUSMANN, RALF
2)FUCHS, MANFRED
3)RÖDER, STEFAN
4)TRIONFETTI, CRISTIANO

(57) Abstract :

Process for preparation of a supported catalyst based on hydroxylated inorganic material selected from the group consisting of silica (SiO₂), alumina (Al₂O₃), titania (TiO₂), zirconia (ZrO₂), lanthanum oxide (La₂O₃) or mixtures thereof, characterized in that the hydroxylated inorganic material is contacted with organosilicon compounds selected from the group consisting of Formula 1 i.e., [(RO)_ySi-[O-(RO)_ySi]_y-O-Si (RO)_y] or Formula 2 i.e., (RO)_y-Si-R₁-S₂-4-R₁-Si-(RO)_y with R being alkyl and R₁ being a linear or branched alkylene having from 1 to 5 carbon atoms and y being an integer from 1 to 3.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1134/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : EXTRACTION DEVICE AND SEALING SYSTEM

(51) International classification :A47J31/36
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CH2010/000249
Filing Date :08/10/2010
(87) International Publication No :WO 2012/045184
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LUNA TECHNOLOGY SYSTEMS LTS GMBH
Address of Applicant :C/O INTERVISION AG,
SCHUPPISSTRASSE 6, CH-9016 ST. GALLEN
SWITZERLAND
(72)**Name of Inventor :**
1)DEUBER, Louis

(57) Abstract :

The invention relates to an extraction device comprising a brewing module (1) for accommodating a capsule (51) having an extraction material. The brewing module comprises a first brewing module part and a second brewing module part that can be moved relative to the first brewing module part, the first brewing module part and the second brewing module part having a discharging device (3) for discharging an extraction product from the capsule (51) and an introducing device (4) for introducing an extraction liquid into the capsule (51). A sealing system for such an extraction device according to the invention is substantially characterized in that a seal (61, 62) has at least one circumferential sealing lip and/or one circumferential sealing bead, which lies against a surface of the capsule (51) in the shape of a line or strip and presses the capsule wall toward a capsule interior.

No. of Pages : 21 No. of Claims : 14

(54) Title of the invention : HEURISTICALLY-DRIVEN PLATFORM AND METHOD FOR HIRING BASED ON PREVIOUSLY-SUPPORTED JOBS

(51) International classification :G06Q10/00
 (31) Priority Document No :61/407,116
 (32) Priority Date :27/10/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/058106
 Filing Date :27/10/2011
 (87) International Publication No :WO 2012/058437
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)ACCOLO, INC.

Address of Applicant :900 Larkspur Landing Circle, Suite 160, Larkspur, CA 94939 U.S.A.

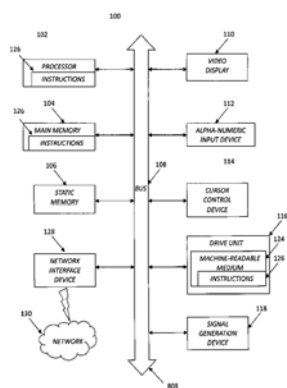
(72)Name of Inventor :

1)YOUNGER, John

2)HOWELL, Michael

(57) Abstract :

A heuristically-driven platform and method for hiring based on previously - supported jobs and collected metrics solves the problem of efficiently connecting hiring agents and suitable job candidates. A portal application includes an inventory of successful placements and successful listings, allowing hiring agents to build job searches against a database of historical jobs. Leveraging the portals inventory of placements and listings, the hiring agent may build a listing and design a candidate search based on previous listings, search venues for the same job type and metrics collected against each. An embodiment may provide the hiring agent a listing of the hiring agents jobs, a list of applicants for each listed job and the detail for each applicant. The platform monitors applicant flow, online interviews, and site usage analytics for each position, suggesting alternatives and course corrections to the hiring agent if the performance of the job search is sub-par based on benchmarks.



No. of Pages : 60 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1136/KOLNP/2013 A

(43) Publication Date : 13/09/2013

(54) Title of the invention : PNEUMATIC TIRE

(51) International classification :B60C9/22,B60C5/00,B60C9/18
(31) Priority Document No :2010-232835
(32) Priority Date :15/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/072778
Filing Date :03/10/2011
(87) International Publication No :WO 2012/050000
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SUMITOMO RUBBER INDUSTRIES,LTD.

Address of Applicant :6-9, Wakinohama-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 6510072 JAPAN

(72)Name of Inventor :

1)OBA Ryo

(57) Abstract :

Provided is a pneumatic tire comprising a belt layer (7), a band layer (9), and an acoustic damper (10) composed of a sponge material and attached to the radially internal surface (TS) of a tread (2). The width (WA) of the acoustic damper (10) in the axial direction of the tire is 40-70% of a tread ground-contact width (TW). The band layer (9) has an overlapping part (12) in which two band plies (9A,9B) are superposed on one another inside and outside in the radial direction; and the overlapping part (12) covers the external, as viewed in the axial direction of the tire, end of the belt layer (7) over a cover width (WB) that is 10-25% of the tread-ground contact width (TW). The internal, as viewed in the axial direction of the tire, end (12i) of the overlapping part (12) is spaced apart from the external, as viewed in the axial direction of the tire, end (E) of the acoustic damper (10) to the outside of the tire in the axial direction by a distance (LC), and the distance (LC) is equal to 5-20% of the tread ground-contact width (TW).

No. of Pages : 33 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1194/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : ASSEMBLY WITH SEALING GASKETS HAVING LOCKING INSERTS

(51) International classification :F16L21/03,F16L37/084
(31) Priority Document No :10 58776
(32) Priority Date :26/10/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/052488
Filing Date :25/10/2011
(87) International Publication No :WO 2012/056163
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SAINT-GOBAIN PAM
Address of Applicant :91,AVENUE DE LA LIB%RATION
F-54000 NANCY FRANCE
(72)Name of Inventor :
1)PERCEBOIS, ALAIN
2)MAIRE, FRANCOIS
3)JOLY,PATRICK
4)EUGENE, CHRISTIAN

(57) Abstract :

This assembly between a spigot and a socket comprises a sealing gasket provided with a locking insert which comprises a head (30) and a foot. The head (30) comprises a radial projection (40), designed to press against a bottom surface (92) of an anchoring groove (82) belonging to the socket and a first inclined projection (50), designed to press against an inclined surface (91) of the anchoring groove (82). The head (30) also comprises a frontal projection (52) which is offset from the first inclined projection (50) and designed to press against an annular frontal surface (90) of the anchoring groove (82). Application to the connecting of cast iron pipes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1133/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : IMMUNOGENIC COMPOSITIONS AND METHODS FOR TREATING NEUROLOGIC DISORDERS

(51) International classification :A61K39/395,A61K39/00,A61P25/28
(31) Priority Document No :61/407,235
(32) Priority Date :27/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/068909
Filing Date :27/10/2011
(87) International Publication No :WO 2012/055981
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GLAXOSMITHKLINE BIOLOGICALS S.A.
Address of Applicant :Rue de L'Institut 89, B-1330 Rixensart
BELGIUM
(72)Name of Inventor :
1)HALLE, Maxime
2)LAROCQUE, Daniel
3)PALMANTIER, Remi
4)PRIEELS, Jean-Paul
5)TRIBOUT-JOVER, Pascale

(57) Abstract :

Compositions and methods for preventing and/or reducing amyloid deposition in a subject comprising treatment of a subject with a composition comprising a TLR4 agonist free of endotoxin are provided. Also provided is a TLR4 agonist free of endotoxin for preventing and/or reducing Alzheimer s disease. Pharmaceutical compositions consisting of, or consisting essentially of, an aminoalkyl glucosaminide phosphate, 3D-MPL, AS01B or an AGP in combination with an oil in water emulsion are also provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1197/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR MANAGING PERMISSIONS FOR INFORMATION OWNERSHIP IN THE CLOUD

(51) International classification	:G06Q30/00
(31) Priority Document No	:12/892,187
(32) Priority Date	:28/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/053704
Filing Date	:28/09/2011
(87) International Publication No	:WO 2012/091774
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PAYMENT PATHWAYS, INC.
Address of Applicant :4249 WHITE BIRCH DRIVE, LISLE, IL 60532 U.S.A.
(72)**Name of Inventor :**
1)O'BRIEN, RICHARD, J.
2)GALLANT, ANDREW, M.

(57) Abstract :

The present invention relates to a central (root) directory and the synchronization of unique identifiers associated with a payment addresses and permission preferences at different institutions. In a preferred embodiment, each unique identifier associates an account owners permissions preference for the release of personal identifying information without the need for transaction-by-transaction explicit permissions or blanket implicit permissions. An asset transfer deposit account (for information and/or monetary assets) may be set up as a deposit only account. In this way, the present invention can be effective in eliminating many privacy concerns of account owners and security requirements of an information asset repository.

No. of Pages : 41 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/04/2013

(21) Application No.1198/KOLNP/2013 A

(43) Publication Date : 13/09/2013

(54) Title of the invention : ALKOXYLATED FATTY ESTERS AND DERIVATIVES FROM NATURAL OIL METATHESIS

(51) International classification :C10L1/18
(31) Priority Document No :61/406,556
(32) Priority Date :25/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/057595
Filing Date :25/10/2011
(87) International Publication No :WO 2012/061092
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)STEPAN COMPANY

Address of Applicant :22 W. FRONTAGE ROAD,
NORTHFIELD,IL 60093 U.S.A.

(72)Name of Inventor :

1)ALLEN, DAVE R.

2)ALONSO, MARCOS

3)BERNHARDT, RANDAL J.

4)BROWN, AARON

5)BUCHEK, KELLY

6)GANGULY- MINK, SANGEETA

7)HOLLAND, BRIAN

8)MALEC, ANDREW D.

9)MASTERS, RONALD A.

10)MURPHY, DENNIS S.

11)SKELTON, PATTI

12)SOOK, BRIAN

13)WIESTER, MICHAEL

14)WOLFE,PATRICK,SHANE

(57) Abstract :

Alkoxyated fatty ester compositions are disclosed. In one aspect, the compositions comprise a reaction product of a metathesis-derived C10-C17 monounsaturated acid, octadecene-1,18-dioic acid, or their ester derivatives with one or more alkylene oxides in the presence of an insertion catalyst to give an alkoxyated fatty ester. In another aspect, the metathesis- derived C10-C17 monounsaturated acid, octadecene-1,18-dioic acid, or its ester derivative is reacted with a glycol ether or a glycol ether alkoxyate, to give an alkoxyated fatty ester. In yet another aspect, the metathesis-derived C10-C17 monounsaturated acid or octadecene-1,18- dioic acid is reacted with one or more alkylene oxides to give a fatty acid alkoxyate, followed by etherification of the fatty acid alkoxyate.

No. of Pages : 48 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/04/2013

(21) Application No.1199/KOLNP/2013 A

(43) Publication Date : 13/09/2013

(54) Title of the invention : FATTY AMIDES AND DERIVATIVES FROM NATURAL OIL METATHESIS

(51) International classification :A01N37/00,A61K31/20
(31) Priority Document No :61/406,556
(32) Priority Date :25/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/057597
Filing Date :25/10/2011
(87) International Publication No :WO 2012/061094
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)STEPAN COMPANY
Address of Applicant :22 W. FRONTAGE ROAD,
NORTHFIELD, IL 60093 U.S.A.
(72)**Name of Inventor :**
1)ALLEN, DAVE R.
2)ALONSO, MARCOS
3)BERNHARDT, RANDAL J.
4)BROWN, AARON
5)BUCHEK, KELLY
6)GANGULY- MINK, SANGEETA
7)HOLLAND, BRIAN
8)LUEBKE, GARY
9)LUKA,RENEE
10)MALEC,ANDREW D.
11)MASTERS,RONALD A.
12)MURPHY,DENNIS S.
13)SHAPIRO, IRENE
14)SKELTON, PATTI
15)SOOK, BRIAN
16)TERRY,MICHAEL R.
17)WALLACE,GREGORY
18)WHITLOCK, LAURA LEE
19)WIESTER, MICHAEL
20)WOLFE,PATRICK,SHANE
21)TITIEVSKY Lena

(57) Abstract :

Fatty amide compositions and their derivatives are disclosed. The fatty amides comprise a reaction product of a metathesis-derived C10-C17 monounsaturated acid, octadecene-1, 18-dioic acid, or their ester derivatives with a primary or secondary amine. Derivatives made by reducing, quaternizing, sulfonating, alkoxyating, sulfating, and sulfitating the fatty amide are also included. The amine reactant can be diethylenetriamine or (2- aminoethyl)ethanolamine, which provide imidazoline amides or esters, respectively. In one aspect, the ester derivative of the C10-C17 monounsaturated acid or octadecene-1,18-dioic acid is a lower alkyl ester. In other aspects, the ester derivative is a modified triglyceride made by self-metathesis of a natural oil or an unsaturated triglyceride made by cross-metathesis of a natural oil with an olefin. The compositions are valuable for cleaners, fabric treatment, hair conditioning, personal care, antimicrobial compositions, agricultural uses and oil field applications.

No. of Pages : 75 No. of Claims : 43

(54) Title of the invention : EXERCISE AND GAIT-TRAINING APPARATUS

(51) International classification :A61H3/00,A61H3/04
 (31) Priority Document No :1017029.8
 (32) Priority Date :11/10/2010
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2011/000473
 Filing Date :29/03/2011
 (87) International Publication No :WO 2012/049442
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)MOROW LIMITED

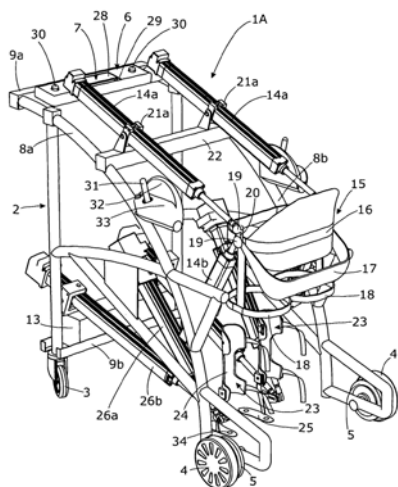
Address of Applicant :First Floor,5 Union Court Liverpool
 Merseyside L2 4SJ U.K.

(72)Name of Inventor :

1)BUTTERS, Jonathan, Andrew**2)BEVINGTON, James, William**

(57) Abstract :

An exercise and gait-training apparatus (1A,1B) is provided primarily, but not exclusively, for use in the rehabilitation of disabled persons but is also suitable for use by sportspersons who wish to correct or alter their gait to improve their performance. The apparatus (1A, 1B) comprises a framework (2) adapted for location above a surface. A harness (15) is provided to support a person relative to the framework (2). An orthosis (23) is also provided for attachment to a lower leg or a foot of one leg of said person. A first pair of first actuators (14a,14b) is connected to the framework (1) and adapted to move one side of the harness (15) and thereby a hip or a thigh of said one leg of said supported person relative to the framework (2). A second pair of first actuators (26a,26b) is connected to the framework (2) and adapted to move the orthosis (23) relative to the framework (2). A control means (6) is provided to control and to synchronize operation of the actuators (14a, 14b, 26a, 26b) such that the first leg is moved in a pathway simulating a natural movement of the leg during one of a walking, a running or a sporting activity. Preferably, a second orthosis (23) is provided for attachment to a lower leg or foot of the other leg of said person and an arrangement of second actuators (14a, 14b, 26a, 26b) identical to the first actuators is provided to move the other side of the harness (15) and the second orthosis (23) relative to the framework (2). The control means (6) is then adapted to control operation of all the actuators (14a, 14b, 26a, 26b) such that both legs are moved in pathways simulating their natural movement during one of a walking, a running or a sporting activity. Both static and mobile embodiments of the apparatus (1A, 1B) are possible, in the latter case the framework (2) is provided with wheels (3,4).



No. of Pages : 23 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/04/2013

(21) Application No.1201/KOLNP/2013 A

(43) Publication Date : 13/09/2013

(54) Title of the invention : QUATERNIZED FATTY AMINES, AMIDOAMINES, AND THEIR DERIVATIVES FROM NATURAL OIL METATHESIS

(51) International classification :C07C211/00		(71)Name of Applicant :
(31) Priority Document No :61/406,547		1)STEPAN COMPANY
(32) Priority Date :25/10/2010		Address of Applicant :22 W. FRONTAGE ROAD,
(33) Name of priority country :U.S.A.		NORTHFIELD, IL 60093 U.S.A.
(86) International Application No :PCT/US2011/057605		(72)Name of Inventor :
Filing Date :25/10/2011		1)ALLEN,DAVE,R.
(87) International Publication No :WO 2012/061098		2)ALONSO,MARCOS
(61) Patent of Addition to Application Number :NA		3)BERNHARDT, RANDAL, J.
Filing Date :NA		4)BROWN, AARON
(62) Divisional to Application Number :NA		5)GANGULY- MINK, SANGEETA
Filing Date :NA		6)MALEC,ANDREW, D.
		7)MANUEL, TERESA, C.
		8)MASTERS,RONALD,A.
		9)MUNIE, LAWRENCE, A.
		10)MURPHY, DENNIS, S.
		11)SKELTON, PATTI
		12)SOOK, BRIAN
		13)TERRY, MICHAEL, R.
		14)WEITGENANT,JEREMY,AARON
		15)WHITLOCK, LAURA, LEE
		16)WIESTER, MICHAEL
		17)WOLFE, PATRICK, SHANE

(57) Abstract :

Quaternary ammonium, betaine, or sulfobetaine compositions derived from fatty amines, wherein the fatty amine is made by reducing the amide reaction product of a metathesis-derived C10-C17 monounsaturated acid, octadecene-1,18-dioic acid, or their ester derivatives and a secondary amine, are disclosed. Quaternary ammonium, betaine, or sulfobetaine compositions derived from fatty amidoamines, wherein the amidoamine is made by reacting of a metathesis-derived C10-C17 monounsaturated acid, octadecene-1,18-dioic acid, or their ester derivatives and an aminoalkyl- substituted tertiary amine, are also disclosed. The quaternized compositions are advantageously sulfonated or sulfitated. In one aspect, the ester derivative of the C10-C17 monounsaturated acid or octadecene-1,18-dioic acid is a lower alkyl ester. In other aspects, the ester derivative is a modified triglyceride made by self-metathesis of a natural oil or an unsaturated triglyceride made by cross- metathesis of a natural oil with an olefin. The quaternary ammonium, betaine, and sulfobetaine compositions and their sulfonated or sulfitated derivatives are valuable for a wide variety of end uses, including cleaners, fabric treatment, hair conditioning, personal care (liquid cleansing products, conditioning bars, oral care products), antimicrobial compositions, agricultural uses, and oil field applications.

No. of Pages : 96 No. of Claims : 73

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/04/2013

(21) Application No.1202/KOLNP/2013 A

(43) Publication Date : 13/09/2013

(54) Title of the invention : FATTY AMINES, AMIDOAMINES, AND THEIR DERIVATIVES FROM NATURAL OIL METATHESIS

(51) International classification :C07C211/00
(31) Priority Document No :61/406,570
(32) Priority Date :25/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/057602
Filing Date :25/10/2011
(87) International Publication No :WO 2012/061095
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)STEPAN COMPANY

Address of Applicant :22W. FRONTAGE ROAD,
NORTHFIELD, IL 60093 U.S.A.

(72)Name of Inventor :

1)ALLEN, DAVE, R.

2)ALONSO, MARCOS

3)BERNHARDT Randal J.

4)BROWN, AARON

5)BUCHEK, KELLY

6)LUEBKE, GARY

7)LUKA, RENEE

8)MALEC, ANDREW, D.

9)MASTERS, RONALD, A.

10)MUNIE, LAWRENCE, A.

11)MURPHY, DENNIS, S.

12)SHAPIRO, IRENE

13)SKELTON, PATTI

14)SOOK, BRIAN

15)TERRY, MICHAEL, R.

16)WHITLOCK, LAURA, LEE

17)WIESTER, MICHAEL

18)WOLFE, PATRICK, SHANE

(57) Abstract :

Fatty amine compositions made from a metathesis- derived C10-C17 monounsaturated acid, octadecene-1, 18-dioic acid, or their ester derivatives are disclosed. In another aspect, fatty amidoamines made by reacting a metathesis-derived C10-C17 monounsaturated acid, octadecene-1,18-dioic acid, or their ester derivatives with an aminoalkyl-substituted tertiary amine are disclosed. The fatty amines or amidoamines are advantageously sulfonated, sulfitated, oxidized, or reduced. In other aspects, the ester derivative is a modified triglyceride made by self-metathesis of a natural oil or an unsaturated triglyceride made by cross-metathesis of a natural oil with an olefin.

No. of Pages : 71 No. of Claims : 71

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1145/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : MAGNETIC MATERIAL AND A METHOD FOR PRODUCING SAME

(51) International classification :H01F41/02,H01F1/055,H01F1/057
(31) Priority Document No :10 2010 043 704.2
(32) Priority Date :10/11/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/069201
Filing Date :02/11/2011
(87) International Publication No :WO 2012/062624
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KSB AKTIENGESELLSCHAFT
Address of Applicant :Johann-Klein-Straße 9, 67227
Frankenthal, GERMANY
(72)Name of Inventor :
1)UHLENHAUT, Dirk Ingmar

(57) Abstract :

The invention relates to a magnetic material consisting of a powder composite material, sintered from at least one magnetisable alloy powder of a high energy density. According to the invention, fibres are added to the at least one alloy powder.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1146/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : DEVICE FOR MONITORING A PUMP

(51) International classification	:F04D15/00,H04B11/00	(71)Name of Applicant :
(31) Priority Document No	:10 2010 049 138.1	1)KSB AKTIENGESELLSCHAFT
(32) Priority Date	:22/10/2010	Address of Applicant :Johann-Klein-Straße 9, 67227
(33) Name of priority country	:Germany	Frankenthal, GERMANY
(86) International Application No	:PCT/EP2011/066396	(72)Name of Inventor :
Filing Date	:21/09/2011	1)BÖHM, Alexander
(87) International Publication No	:WO 2012/052246	2)EBELT, Gerd
(61) Patent of Addition to Application	:NA	3)LAUE, Stefam
Number	:NA	4)KRONFELD, Ursula
Filing Date	:NA	5)SCHULLERER, Joachim
(62) Divisional to Application Number	:NA	6)HERZING, Georg
Filing Date	:NA	7)SCHRAMM, Bernd

(57) Abstract :

The invention describes a device and a method for monitoring rotating components in centrifugal pumps or systems which comprise centrifugal pumps, composed of a first unit (1) which is permanently connected to the component to be monitored and comprises at least one sensor (2) for sensing component properties, an evaluation unit (4) for analyzing sensor signals, a transmitting unit (5) for transmitting an analysis result to a receiver which is arranged spatially separate from the monitored component, and a source for supplying power (6), and a second unit (9) comprising a receiver unit (10), a means for evaluating (11) the transmitted signal, and means for representing (8) and/or passing on (13) a sensed component property, in which means the transmission of the analysis result is carried out an acoustic fashion using sound waves.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1205/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : HARD SURFACE CLEANERS BASED ON COMPOSITIONS DERIVED FROM NATURAL OIL METATHESIS

(51) International classification	:C11D10/00
(31) Priority Document No	:61/406,547
(32) Priority Date	:25/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/057612
Filing Date	:25/10/2011
(87) International Publication No	:WO 2012/061103
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)STEPAN COMPANY
Address of Applicant :22 W. FRONTAGE ROAD,
NORTHFIELD, IL 60093 U.S.A.
(72)**Name of Inventor :**
1)ALLEN, DAVE, R.
2)BERNHARDT, RANDAL, J.
3)BROWN, AARON
4)MASTERS, RONALD A.
5)WOLFE, PATRICK, SHANE
6)TITIEVSKY, LENA

(57) Abstract :

Aqueous hard surface cleaner compositions derived from metathesized natural oil feedstocks are disclosed. In one aspect, the compositions comprise at least one anionic surfactant derived from a metathesis-derived C10-C17 monounsaturated acid, 5 octadecene-1,18-dioic acid, or their ester derivatives. In another aspect, aqueous hard surface cleaners comprising at least one nonionic or amphoteric surfactant derived from a metathesis-derived C10-C17 monounsaturated acid, octadecene-1, 18-dioic acid, or their ester derivatives are disclosed. The aqueous cleaners noted above rival or outperform commercial baselines in a Gardner straight-line washability test. Industrial degreasers comprising a C10 or C12 amide solvent and derived from a metathesis-derived C10-C17 monounsaturated acid are superior to commercial standards.

No. of Pages : 72 No. of Claims : 38

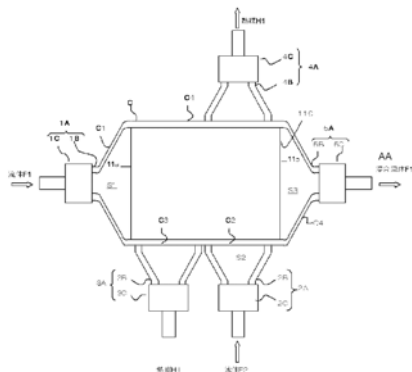
(54) Title of the invention : MICROMIXER

(51) International classification :B01F5/00,B01F15/06,B01J19/00
 (31) Priority Document No :2010-221208
 (32) Priority Date :30/09/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/072069
 Filing Date :27/09/2011
 (87) International Publication No :WO 2012/043557
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)DIC CORPORATION
 Address of Applicant :35-58,SAKASHITA 3-CHOME,ITABASHI-KU,TOKYO 1748520,JAPAN
 (72)Name of Inventor :
1)ISHIYAMA FUMIHIKO
2)HIZAWA TAKESHI
3)NAKAMURA MASAYUKI

(57) Abstract :

A micromixer includes a stack unit in which a first plate and a second plate are stacked, the first plate having a first microtubular flow path connected to a fluid supply path through which a first fluid flows, the second plate having a second microtubular flow path through which a second fluid flows and which is connected to a fluid supply path through which the second fluid flows; and a mixing space which is connected to an outlet of the first microtubular flow path and an outlet of the second microtubular flow path and in which the first fluid and the second fluid are mixed. In at least one of the first plate and the second plate, the microtubular flow path has an inlet portion connected to the fluid supply path and constituted by a single flow path, and an outlet portion connected to the mixing space, and a cross-sectional area of the fluid that liquid-tightly flows through the microtubular flow path in the outlet portion is smaller than a cross-sectional area of the fluid that liquid-tightly flows through the single microtubular flow path in the inlet portion.



F1, F2 FLUID
 H1 HEAT MEDIUM
 AA MIXED FLUID

No. of Pages : 94 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1160/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : PERIMETER PIEZO RESERVOIR IN A LENS

(51) International classification :G02B1/06
(31) Priority Document No :61/391,827
(32) Priority Date :11/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/055768
Filing Date :11/10/2011
(87) International Publication No :WO 2012/051181
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ADLENS BEACON, INC.
Address of Applicant :2755 SW 32nd Ave. Pembroke Park,
Florida 33023 U.S.A.
(72)**Name of Inventor :**
1)NIBAUER, Lisa
2)PETERSON, Matthew, Wallace
3)SENATORE, Daniel
4)SCHNELL, Urban
5)HAROUD, Karim

(57) Abstract :

An embodiment of a piezoelectric actuator system for a fluid-filled lens is described herein. A piezoelectric reservoir is provided encompassing a fluid. In an embodiment, the reservoir is disposed around the perimeter of a lens module within a housing. In an embodiment, electrodes are woven into the reservoir and connected to a power source. An applied potential causes the reservoir to flex with a magnitude and direction related to the amplitude and polarity respectively of the potential. In an embodiment, flexing of the reservoir causes fluid to either inflate or deflate the fluid-filled lens module.

No. of Pages : 16 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1161/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : A DENTAL COMPONENT, A DENTAL FIXTURE, A DENTAL IMPLANT ASSEMBLY AND A DENTAL IMPLANT SYSTEM

(51) International classification	:A61C8/00
(31) Priority Document No	:10188218.1
(32) Priority Date	:20/10/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/068265
Filing Date	:19/10/2011
(87) International Publication No	:WO 2012/052480
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DENTSPLY IH AB

Address of Applicant :Aminogatan 1 S-431 21 Mölndal

SWEDEN

(72)Name of Inventor :

1)HOLMSTRÖM, Johan

2)WENDEL, Mats

3)MARKLUND, Mattias

(57) Abstract :

The present invention relates to a dental component, which can only be connected in one indexing position in one type of dental fixture, but in any one of a plurality of indexing positions with another type of dental fixture. The dental component is provided with primary projections which are not completely evenly distributed around the circumference of an engagement portion of the dental component. The invention also relates to a dental fixture, a dental implant assembly and a dental implant system.

No. of Pages : 52 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1162/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : APPARATUS AND METHOD FOR ULTRASONIC PROCESSING OF A FIBROUS WEB

(51) International classification :B29C65/08,A61F13/15,A61F13/49
(31) Priority Document No :2010-223075
(32) Priority Date :30/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/005421
Filing Date :27/09/2011
(87) International Publication No :WO 2012/042842
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)Unicharm Corporation
Address of Applicant :182, Shimobun, Kinsei-cho,
Shikokuchuo-shi, Ehime, 7990111 JAPAN
(72)Name of Inventor :
1)YAMAMOTO, Hiroki
2)NINOMIYA, Akihide
3)MATSUMOTO, Yoshihiko

(57) Abstract :

The present invention provides an apparatus and a method for ultrasonic processing improved so as to prevent a fibrous web from being disfigured due to the ultrasonic processing. In an apparatus to ultrasonically process a fibrous web 31 running in a machine direction MD, a first mechanical element defined by one of an ultrasonic horn 67 and an anvil 68 and a second mechanical element defined by the other of the ultrasonic horn 67 and the anvil 68 are moved forward or backward in a direction crossing the machine direction MD so as to pass transversely across the fibrous web 31.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1221/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF ANAGRELIDE AND ANALOGUES THEREOF

(51) International classification	:C07D487/04
(31) Priority Document No	:1017783.0
(32) Priority Date	:21/10/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2011/052053
Filing Date	:21/10/2011
(87) International Publication No	:WO 2012/052781
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SHIRE LLC

Address of Applicant :9200 BROOKFIELD COURT,
FLORENCE, KENTUCKY KY 41042 U.S.A.

(72)Name of Inventor :

1)MCGEE, PAUL

(57) Abstract :

The present invention relates to a novel process for producing anagrelide, 6,7-dichloro-1,5- dihydroimidazo [2,1-b] quinazolin 2 (3H)-one, or certain analogues thereof. The process of the invention also provides improved processes for producing key intermediates required for the synthesis of anagrelide or certain analogues thereof.

No. of Pages : 42 No. of Claims : 12

(54) Title of the invention : A PANEL

(51) International classification :E04B1/86,E04B9/00
 (31) Priority Document No :10188674.5
 (32) Priority Date :25/10/2010
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2011/068551
 Filing Date :24/10/2011
 (87) International Publication No :WO 2012/055817
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

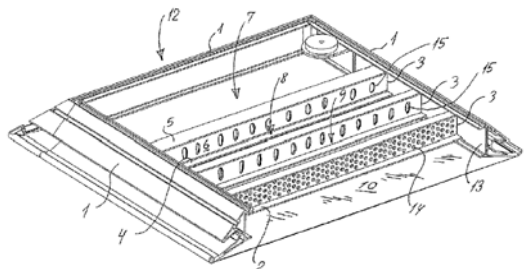
1)SOFT CELLS A/SAddress of Applicant :LUNDBERGSVEJ 10, DK-8400
EBELTOFT DENMARK

(72)Name of Inventor :

1)NIELSEN ,JESPER**2)HOLM, HENRIK**

(57) Abstract :

The present invention relates to panels that can be used to cover interior surfaces in buildings for instance in auditoriums, open plan offices etc., where the panels can be used in buildings with thermally activated building systems (TABS) in which balancing of acoustics and thermal comfort is a well recognised challenge. According to a first embodiment of the invention there is provided a panel comprising one or more sound absorbing elements (3) and sub regions (7, 8, 9) that connect the front (11) of the panel with the rear (12) of the panel, and in which sub regions (7, 8, 9) sound absorbing elements (3) are not present, whereby said sub regions (7, 8, 9) ensure thermal transmission through the panel. According to a second embodiment of the invention the panels comprise a substantially rigid frame (1) defining a region within the frame, where the region is provided with one or more sound absorbing elements comprising a front face and a rear face, where the one or more sound absorbing elements extend(s) over the entire region defined by the frame (1) and where said sub regions (22) are provided through said sound absorbing elements, such that the sub regions (22) connect said front face and rear face of the one or more sound absorbing elements.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1166/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : DEVICE FOR INJECTING FUEL INTO THE COMBUSTION CHAMBER OF AN INTERNAL COMBUSTION ENGINE

(51) International classification :F02M47/02,F02M61/16
(31) Priority Document No :A 1809/2010
(32) Priority Date :02/11/2010
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2011/000444
Filing Date :02/11/2011
(87) International Publication No :WO 2012/058703
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

Address of Applicant :Wernerstrasse 1, 70469 Stuttgart-Feuerbach, GERMANY

(72)Name of Inventor :

1)GRASPEUNTNER, Christian

2)UNTERBERGER, Gerhard

3)GUGGENBICHLER, Franz

(57) Abstract :

The invention relates to a device for injecting fuel into the combustion chamber of an internal combustion engine with at least one injector (1) comprising an injector body that is equipped with a high-pressure accumulator (6), a nozzle needle (15) which is guided in the injector (1) in an axially movable manner and which is surrounded by a nozzle chamber (19), a high-pressure line (8) that connects the high-pressure accumulator (6) to the nozzle chamber (19), and a resonator line (20) which is connected parallel to the high-pressure line (8) and which is connected to the nozzle chamber (19) and opens into the high-pressure accumulator (6) via a resonator throttle (21). The resonator line (20) and the high-pressure line (8) are formed in a retaining body (5) at least in the line section adjoining the high-pressure accumulator (6), said retaining body being screwed into the accumulator pipe (22) that forms the high-pressure accumulator (6) at the retaining body end face.

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

(54) Title of the invention : BASE STATION APPARATUS, MOBILE TERMINAL APPARATUS AND SCHEDULING METHOD

(51) International classification :H04W72/08,H04J11/00,H04W16/24
 (31) Priority Document No :2010-240751
 (32) Priority Date :27/10/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/071711
 Filing Date :22/09/2011
 (87) International Publication No :WO 2012/056833
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)NTT DOCOMO, INC.
 Address of Applicant :11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 1006150 JAPAN
 (72)**Name of Inventor :**
1)BENJEBBOUR, Anass
2)NAGATA, Satoshi

(57) Abstract :

Provided are a base station apparatus, a mobile terminal apparatus and a scheduling method whereby the fairness of user throughput can be improved. The scheduling method is characterized in that the scheduling method comprises: a step in which a plurality of cluster patterns each of which is constituted by a cluster consisting of a plurality of adjacent sectors are prepared, different radio resources are allocated to the respective cluster patterns and information of allocation of the radio resources to the cluster patterns is reported to a mobile terminal apparatus; a step in which channel information and channel quality information in accordance with each cluster pattern for the respective radio resource are received from the mobile terminal apparatus; and a step in which the allocation of radio resources to the mobile terminal apparatus is controlled on the basis of the channel information and channel quality information, and that at least one of the cluster patterns is a cooperative cluster pattern that is cooperatively transmitted among the adjacent sectors within the cluster.

No. of Pages : 84 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1168/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD FOR TREATING A SOLUTION CONTAINING ZINC SULPHATE

(51) International classification:C22B58/00,C22B41/00,C22B3/46

(31) Priority Document No :20100345

(32) Priority Date :12/10/2010

(33) Name of priority country :Finland

(86) International Application
No :PCT/FI2011/050863

Filing Date :07/10/2011

(87) International Publication
No :WO 2012/049361

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

1)OUTOTEC OYJ

Address of Applicant :Riihitontuntie 7, FI-02200 Espoo
FINLAND

(72)Name of Inventor :

1)SALMINEN, Justin

2)RIIHIMÄKI, Teppo

3)RUONALA, Mikko

(57) Abstract :

The invention relates to a method for treating a solution containing zinc sulphate, so that at least one of the rare metals such as indium, gallium and germanium can be separated from it. A portion of the metals to be separated can be precipitated from zinc sulphate solution by neutralizing the acidic solution and at least a portion is cemented by means of metal powder. The solid precipitates that are formed can be combined and treated subsequently in some suitable way to leach out the desired metals.

No. of Pages : 21 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1229/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : APPARATUS FOR GUIDING A FLEXIBLE MEMBER

(51) International classification :F16H7/04,B66D1/36,F03B13/14
(31) Priority Document No :1016388.9
(32) Priority Date :29/09/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/001418
Filing Date :29/09/2011
(87) International Publication No :WO 2012/042216
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MATHCLICK LIMITED
Address of Applicant :16 HANOVER SQUARE, LONDON
W1S 1HT, U.K.
(72)**Name of Inventor :**
1)GRASSI, MICHELE

(57) Abstract :

An apparatus for guiding a flexible member comprising a drum (4) mounted for rotation about a drum axis (5) and a pulley(2) mounted for rotation about a pulley axis (3),the drum (5)and pulley axes (3) being inclined. The apparatus defines a path for the flexible member including first and second drum wrap portions (7,9) on axially spaced first and second fixed drum diametric planes, a pulley wrap portion on a fixed pulley diametric plane, and first and second connecting portions. The arrangement is such that the connecting portions lie on the respective first and second drum diametric planes and both lie on the pulley diametric plane. As the drum (4) and pulley (2) rotate with the flexible member (10,1 1) in use, the arrangement is such that the first and second drum wrap portions (7,9) remain on the fixed drum diametric planes and the pulley portion of wrap (8) remains on the fixed diametrical plane of the pulley. The apparatus reduces slippage of the flexible member (10,1 1) and associated wear.

No. of Pages : 33 No. of Claims : 26

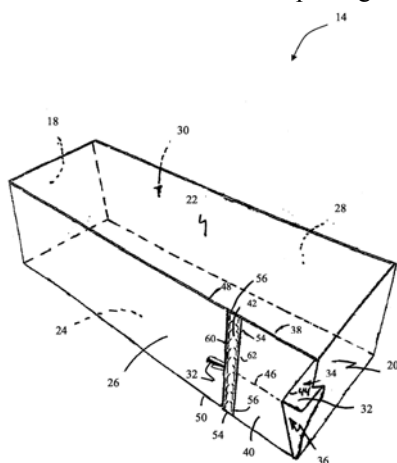
(54) Title of the invention : PRODUCT DISPENSING CONTAINER, SYSTEM AND METHOD WITH PRIMING AREA

(51) International classification :A47F1/08,B65D71/36
 (31) Priority Document No :12/890,631
 (32) Priority Date :25/09/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/051959
 Filing Date :16/09/2011
 (87) International Publication No :WO 2012/040053
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)MEADWESTVACO CORPORATION
 Address of Applicant :501 South 5th Street, Richmond,
 Virginia 23219-0501, U.S.A.
 (72)Name of Inventor :
1)THOMAS, Laurel
2)BATES, Aaron L.
3)GELARDI, John A.

(57) Abstract :

A product dispensing container (14) is disclosed that comprises a plurality of walls defining an internal volume for receiving a plurality of products, wherein at least one of the walls includes an access door panel (38,40), a priming area (42), and a severance line (46). The priming area is displaceable relative to the wall to form a free edge (62), and the access door panel is at least partially defined by the free edge and the severance line when the priming area is displaced relative to the wall. A product dispensing system includes the disclosed container and a dispenser (12) comprising an opening tool (106) positioned to sever the severance line of the container so as to release the packaged products from the container.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1106/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : PAPERBOARD CONTAINER WITH FRICTION-REDUCING COATING

(51) International classification :B65D5/16,B65D5/48,B65D5/56
(31) Priority Document No :12/890,630
(32) Priority Date :25/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No:PCT/US2011/050927
Filing Date :09/09/2011
(87) International Publication No :WO 2012/039957
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MEADWESTVACO CORPORATION
Address of Applicant :501 South 5th Street, Richmond,
VIRGINIA 23219-0501, U.S.A.
(72)**Name of Inventor :**
1)GELARDI, John A.
2)BATES, Aaron L.
3)THOMAS, Laurel

(57) Abstract :

A paperboard container with friction-reducing coating is disclosed. The container includes: wall panels defining an internal volume (82), and at least one partition panel (58) comprising a first major surface (16) and a second major surface (17). The partition panel (58) is positioned in the internal volume (82) such that its first major surface defines a first chamber (84) within the internal volume and its second major surface defines a second chamber (86) within the internal volume. The disclosed container has a friction-reducing coating (92) applied to at least a portion of the first and/or second major surfaces of the partition panel (58).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1164/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : A CENTRIFUGAL SEPARATOR HAVING AN INLET WITH WEAR RESISTANCE MEMBERS,AND A FEED ZONE ELEMENT WITH WEAR RESISTANCE MEMBERS

(51) International classification	:B04B1/20
(31) Priority Document No	:PA 2010 70592
(32) Priority Date	:30/12/2010
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/EP2011/074258
Filing Date	:29/12/2011
(87) International Publication No	:WO 2012/089824
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ALFA LAVAL CORPORATE AB,
Address of Applicant :Box 73, 22100 Lund, SWEDEN
(72)**Name of Inventor :**
1)REIFF, Henrik
2)TANDRUP, Egon

(57) Abstract :

A centrifugal separator with an inlet chamber (42) inside a conveyor body comprising a proximal cross wall (36) and a distal cross wall (38). Longitudinal walls (40) extend between the proximal cross wall (36) and the distal cross wall (38). The proximal cross wall (36) comprises a central opening (41) and feed ports (44) are present between adjacent longitudinal walls (40). The cross walls (36, 38) and longitudinal walls (49) have internal surfaces (36a,38a, 40a). A feed path extends from the central opening (41), through the inlet chamber (42) and out through the feed ports (44). Wear resistance members (46, 54, 68) insertable through the feed ports (44) fully screen the internal surfaces (38a, 40a) of the distal cross wall (38) and the longitudinal walls (40) from the feed path and comprise longitudinal wall members (46) with at least one flange portion (52).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1225/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : FOAMING AEROSOL ACTUATOR AND METHODS OF MAKING THE SAME

(51) International classification	:B05B7/32
(31) Priority Document No	:61/390,009
(32) Priority Date	:05/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/054737
Filing Date	:04/10/2011
(87) International Publication No	:WO 2012/047866
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MEADWESTVACO CALMAR, INC.
Address of Applicant :501 SOUTH 5TH STREET,
RICHMOND,VIRGINIA 23219-0501, U.S.A.
(72)**Name of Inventor :**
1)SELL, STEVEN ,A.

(57) Abstract :

An aerosol actuator (100) and manifold (150) for dispersing an aerosol product wherein the manifold (150) includes one or more air vents (162) to promote the foaming of an aerosol product dispersed from the aerosol actuator (100).

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1227/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : SWITCH MODE CIRCULATOR ISOLATED RF MIXER

(51) International classification	:H03D7/12,H03D7/16	(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/EP2010/064753	1)SANDER, SVERKER
Filing Date	:04/10/2010	
(87) International Publication No	:WO 2012/045330	
(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 radio frequency mixer circuit comprising a first terminal (102), a local oscillator terminal (103) and a second terminal (104); a wave propagation medium (105) having a first (105a) and second end (105b), where the mixer circuit further comprises a circulator (106) coupling together the first terminal (102), the first end (105a) of the wave propagation medium and the second terminal (104), a switching means (107) operable according to a signal coupled to the LO terminal (103), the switching means being coupled to the second end (105b) of the wave propagation medium for causing a reflection with unchanged voltage wave polarity when the switching means is in an open state, or a reflection with inverted voltage wave polarity when the switching means is in a closed state at the second end of the wave propagation medium when a wave is travelling therein.

No. of Pages : 28 No. of Claims : 17

(54) Title of the invention : THIAZOLIDINE LINKER FOR THE CONJUGATION OF DRUGS TO ANTIBODIES

(51) International classification :A61K47/48,A61K49/00,A61P35/00
 (31) Priority Document No :10011374.5
 (32) Priority Date :29/09/2010
 (33) Name of priority country:EPO
 (86) International Application No :PCT/EP2011/004664
 Filing Date :16/09/2011
 (87) International Publication No :WO 2012/041451
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)PHILOGEN S.P.A.

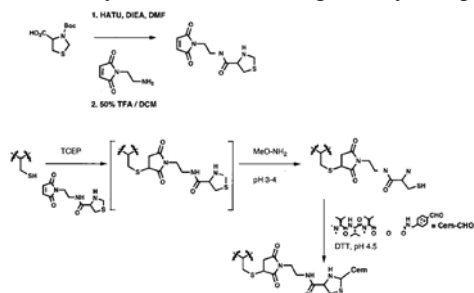
Address of Applicant :Via Bellaria, 35, I-53018 Sovicille (SI) ITALY

(72)Name of Inventor :

1)GIULIO, Casi

(57) Abstract :

In one aspect, there is provided a protein-drug conjugate compound comprising a protein covalently attached by a linker to one or more drug moieties, wherein the linker has a half-life of from 1 hour to 50 hours in phosphate buffered saline at 37 °C. A carbonyl derivative of LU103793 is also described that can be used in a protein-drug conjugate compound comprising an antibody covalently attached by a linker to the drug moiety comprising, consisting or consisting essentially of the carbonyl derivative.



No. of Pages : 82 No. of Claims : 22

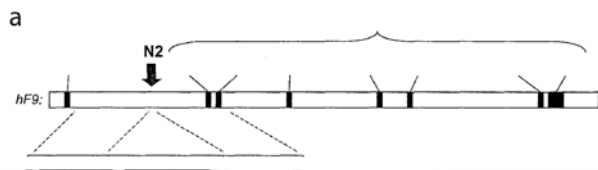
(54) Title of the invention : METHODS AND COMPOSITIONS FOR TREATING HEMOPHILIA B

(51) International classification :C07K14/00,A61K31/7088,A61K48/00
(31) Priority Document No:61/392,333
(32) Priority Date :12/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/056020
Filing Date :12/10/2011
(87) International Publication No :WO 2012/051343
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)THE CHILDREN'S HOSPITAL OF PHILADELPHIA
Address of Applicant :3501 Civic Center Boulevard,
Philadelphia, Pennsylvania 19104 U.S.A.
2)SANGAMO BIOSCIENCES, INC.
(72)Name of Inventor :
1)GREGORY, Philip D.
2)HIGH, Katherine A.
3)HOLMES, Michael C.
4)LI, Hojun

(57) Abstract :

Disclosed herein are methods and compositions for insertion of Factor IX (FIX) sequences into the genome of a cell for treating hemophilia B.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1233/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : FILLER PANEL FOR EQUIPMENT RACKS AND ENCLOSURES

(51) International classification :A47F7/00
(31) Priority Document No :12/905,298
(32) Priority Date :15/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/055868
Filing Date :12/10/2011
(87) International Publication No :WO 2012/051232
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ORTRONICS, INC.
Address of Applicant :125 Eugene O'Neill Drive, New
London, CT 06320 U.S.A.
(72)**Name of Inventor :**
1)LARSEN, Lars, R.
2)VACCA, Chris, M.
3)ADAMS, Robert, R.

(57) Abstract :

A filler panel for a rack includes two latching regions that mirror each other. The latching regions include a pair of guide posts configured to enter both round-shaped and square-shaped holes and guide the filler panel into a rack. The latching region further includes a pair of locator walls configured to enter square shaped holes along with the guide posts to guide the filler panel into a rack. Each latching region includes one or more latching members having surfaces for engaging a railing of a rack. At least one pair of latching members includes an angled stepped surface configured to engage railings of different thicknesses.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1234/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD FOR PRODUCING SURFACTIN AND SALT THEREOF

(51) International classification	:C07K11/02,C07K1/14	(71)Name of Applicant :
(31) Priority Document No	:2010-224120	1)KANEKA CORPORATION
(32) Priority Date	:01/10/2010	Address of Applicant :3-18, Nakanoshima 2-chome, Kita-ku,
(33) Name of priority country	:Japan	Osaka-shi, Osaka 5308288 JAPAN
(86) International Application No	:PCT/JP2011/072578	(72)Name of Inventor :
Filing Date	:30/09/2011	1)IZUMIDA, Masashi
(87) International Publication No	:WO 2012/043800	2)KAWASAKI, Hiroaki
(61) Patent of Addition to Application	:NA	3)MOROSHIMA, Tadashi
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a method for producing a surfactin or a salt thereof, which comprises a step wherein a surfactin or a salt thereof is extracted by adding an organic solvent that contains a branched alkyl alcohol into a liquid culture medium that contains a surfactin represented by formula (1) or a salt thereof or into a solution that is obtained by removing the insoluble fraction from the liquid culture medium. (In the formula, represents an optically active center; X represents an amino acid selected from among leucine, isoleucine and valine; R represents an alkyl group or branched alkyl group having 9-13 carbon atoms; and M represents an alkali metal, an alkaline earth metal, an optionally substituted amine or the like.).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1235/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD FOR PRODUCING TORQUE-LIMITING SECURING DEVICES

(51) International classification :B23K9/095,F16B31/02,F16B37/06
(31) Priority Document No :10 2010 042 260.6
(32) Priority Date :11/10/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/064449
Filing Date :23/08/2011
(87) International Publication No :WO 2012/048932
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)HILTI AKTIENGESELLSCHAFT
Address of Applicant :Feldkircherstrasse 100, CH-9494
Schaan LIECHTENSTEIN
(72)Name of Inventor :
1)ECKSTEIN, Andreas
2)GOLDT, Mathias
3)SCHÄFFER, Marc
4)APPL, Joerg
5)DIJKHUIS, Arjen Detmer

(57) Abstract :

The invention relates to a method for producing torque-limiting securing devices which have a first head element (11) with engaging means (31) for a securing tool and a second head element (12) which is connected to the first head element by means of a welded joint which separates at a predefined torque limit. According to the invention, a plurality of first head elements and second head elements with the same geometry are provided, and respectively, a first head element and a second head element are welded in a welding process thus producing a welded joint. According to the invention, at least two welding processes are carried out using at least one different welding parameter so that different torque limits are maintained with the same component geometry. The invention also relates to the use of a securing device on a concrete anchor (50).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1176/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : KNITTING MACHINE,PARTICULARLY WITH A HIGH GAUGE

(51) International classification :D04B15/10,D04B15/14,D04B15/18
(31) Priority Document No :MI2010A001974
(32) Priority Date :26/10/2010
(33) Name of priority country:Italy
(86) International Application No :PCT/EP2011/062895
Filing Date :27/07/2011
(87) International Publication No :WO 2012/055591
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SANTONI S.P.A.
Address of Applicant :Via Carlo Fenzi, 14, I-25135 Brescia, ITALY
(72)Name of Inventor :
1)LONATI, Ettore
2)LONATI, Fausto
3)LONATI, Tiberio

(57) Abstract :

A knitting machine, particularly with a high gauge, comprising a needle holder (2), which supports a plurality of needles (3) which can be actuated with an alternating motion along their axis and means (4) for guiding the needles (3) on the needle holder (2); each needle (3) can be actuated with an alternating motion along its axis with respect to the needle holder (2) with an extraction motion, by means of which the needle (3) is extracted with its tip (3 a) and with a portion of its shank from one end of the needle holder (2) in order to drop, onto its shank, the previously formed loop of knitting and/or to pick up the yarn or yarns dispensed at a feed or drop of the machine, and with a retracting motion, by means of which the needle (3) is made to retract with its tip (3a) into the end of the needle holder (2) in order to form a new loop of knitting, performing knockover of the loop of knitting formed previously in order to produce knitting, the guiding means (4) comprising channels for forming knitting (5) which are defined proximate to the end of the needle holder (2) and sliding channels (6) which are defined on the needle holder (2) in a region that is spaced from the end of the needle holder (2), each one of the channels for forming knitting (5) being engageable by a needle (3) and defining with its inlet, which is directed toward the outside of the needle holder (2), resting contact regions for the knitting during the retracting motion of the needles (3), the number of the sliding channels (6) being smaller than the number of the channels for forming knitting (5).

No. of Pages : 31 No. of Claims : 15

(54) Title of the invention : TRANSMISSION OF A DATA PACKET HAVING TWO REFERENCE SEQUENCES AND CORRESPONDING RECEIVER COMPRISING AN EQUALISER

(51) International classification :H04L7/04,H04L27/00,H04L25/03

(31) Priority Document No :10 2010 043 151.6

(32) Priority Date :29/10/2010

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2011/066779

Filing Date :27/09/2011

(87) International Publication No :WO 2012/055662

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.

Address of Applicant :Hansastraße 27c, 80686 München, GERMANY

(72)Name of Inventor :

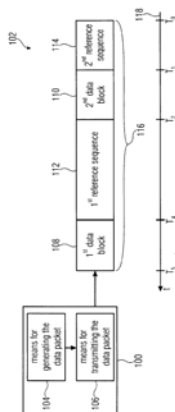
1)BERNHARD, Josef

2)KILIAN, Gerd

3)TASCH, Andreas

(57) Abstract :

The invention relates to a data transmitter (100) for transmitting a data packet (102) via a communication channel to a data receiver, wherein the data transmitter (100) comprises a device (104) for generating the data packet (102) and a device (106) for transmitting the data packet (102). The device (104) for generating the data packet (102) is designed to generate a data packet (102) having a first data block (108) and a second data block (110) and a predetermined first reference sequence (112) and second reference sequence (114) for synchronising the data receiver, wherein the first reference sequence (112) is longer than the second reference sequence (114), and wherein the second data block (110) is situated between the first reference sequence (112) and the second reference sequence (114) and the first reference sequence (112) is situated between the first data block (108) and the second data block (110) in the data packet. The device (106) for transmitting the data packet (102) is designed to transmit the data packet (102) via the communication channel to the data receiver.



No. of Pages : 42 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : SENSOR ARRANGEMENT, FOR EXAMPLE ON AN ANCHOR BOLT

(51) International classification :F16B31/02
(31) Priority Document No :10 2010 042 263.0
(32) Priority Date :11/10/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/064510
Filing Date :24/08/2011
(87) International Publication No :WO 2012/048933
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)HILTI AKTIENGESELLSCHAFT
Address of Applicant :Feldkircherstrasse 100, CH-9494
Schaan LIECHTENSTEIN
(72)Name of Inventor :
1)PAETOW, Matthias
2)ECKSTEIN, Andreas
3)GOLDT, Mathias
4)SCHÄFFER, Marc
5)DIJKHUIS, Arjen Detmer
6)APPL, Jörg

(57) Abstract :

The invention relates to a sensor arrangement, for example on an anchor bolt, comprising at least one sensor (10). According to the invention at least one bypass element (20) having an expanding material is arranged in the region of the sensor (10), wherein impact forces acting on the sensor (10) can be led off via the expanding material of the bypass element (20).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1241/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : CAPSULE BASED SYSTEM FOR PREPARING AND DISPENSING A BEVERAGE

(51) International classification :A47J31/00
(31) Priority Document No :61/411,786
(32) Priority Date :09/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/060050
Filing Date :09/11/2011
(87) International Publication No :WO 2012/064885
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)LA VIT TECHNOLOGY LLC
Address of Applicant :228 Park Avenue South Suite 28215
New York, 10003-1502 U.S.A.
(72)Name of Inventor :
1)LO FARO, Gian, Matteo
2)LAVERACK, John, R.
3)WESEMAN, Kurt, R.
4)SHENTU, Yuanli
5)RICHM, George, E.
6)WEAVER, Greg, G.

(57) Abstract :

The present invention relates to dispensing of a substance from a container by means of a dispensing apparatus. Specifically, the exemplary embodiment of the present invention relates to (1) a container and (2) the automated method for opening such container and (3) the automated method of dispensing of the contents from such container into a customer receptacle or glass.

No. of Pages : 64 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1236/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD AND APPARATUS FOR REMOTE METERING THE CONSUMPTION OF ELECTRICITY OVER POWER LINE NETWORK

(51) International classification	:H04B3/54
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2010/065008
Filing Date	:07/10/2010
(87) International Publication No	:WO 2012/045357
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ENEL DISTRIBUZIONE S.P.A.
Address of Applicant :Via Ombrone, 2, I-00198 Rome ITALY
(72)**Name of Inventor :**
1)VERONI, Fabio

(57) Abstract :

Apparatus (1) for detecting communication associations in an electricity distribution network implementing remote metering of electric energy consumptions, the electricity distribution network comprising a plurality of sections (A1, A2,..., B1, B2,...) and one or more concentrators (CA, CB) connected to the electricity distribution network; each concentrator being capable of communicating via power line communication with electricity meters connected to one or more electricity distribution network sections in communication association with the concentrator, each concentrator storing a list comprising identities of electricity meters connected to the electricity distribution network and expected to communicate via power line communication with the concentrator; the apparatus comprising a storage section (4) for importing information about meters listed on a first concentrator as well as information at least about meters listed on a second concentrator, the imported information comprising for each meter an identification of the meter an indication on which concentrator the respective meter is listed; an interface suitable for temporarily connecting the apparatus to a section under investigation of the electricity distribution network; a power line communication part for sending invitations to respond over the section under investigation and for receiving responses over the section under investigation from electricity meters connected to the electricity distribution network; and a processing section for evaluating the received responses, taking into account on which concentrator the meters responding to the invitations are respectively listed.

No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1237/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : THERAPEUTIC USE OF A TLR AGONIST AND COMBINATION THERAPY

(51) International classification :A61K31/55,A61K31/122,A61K9/127
(31) Priority Document No :61/388,953
(32) Priority Date :01/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/054654
Filing Date :03/10/2011
(87) International Publication No :WO 2012/045090
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)VENTIRX PHARMACEUTICALS, INC.
Address of Applicant :12651 High Bluff Drive, Suite 200, San Diego, CA 92130 U.S.A.
2)THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
(72)Name of Inventor :
1)HERSHBERG, Robert
2)COUKOS, George
3)DIETSCH, Gregory
4)FACCIABENE, Andrea
5)MANJARREZ, Kristi
6)RANDALL, Tressa D.

(57) Abstract :

The present invention is directed generally to formulations of a TLR agonist preferably a TLR8 agonist, and its use in the treatment of various diseases, including combination therapies for treating cancer.

No. of Pages : 81 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1238/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : PLATE GLASS CONVEYANCE DEVICE AND CHAMFERING DEVICE PROVIDED WITH SAME

(51) International classification:H01L21/677,B24B9/00,B24B9/10

(31) Priority Document No :2010-226689

(32) Priority Date :06/10/2010

(33) Name of priority country :Japan

(86) International Application
No :PCT/JP2011/001727

Filing Date :24/03/2011

(87) International Publication
No :WO 2012/046360

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

1)KAWASAKI JUKOGYO KABUSHIKI KAISHA

Address of Applicant :1-1, Higashikawasaki-cho 3-chome,
Chuo-ku, Kobe-shi, Hyogo 6508670 JAPAN

(72)Name of Inventor :

1)KUGE, Morimasa

2)TANAKA, Hideyuki

3)TSUJITA, Keiji

4)TAKAHARA, Kazunori

(57) Abstract :

Provided is a plate glass conveyance device (10) provided with a transport mechanism (40) having a belt part (11) that supports the opposite pattern-surface of a plate glass (1) and transports the plate glass (1) in the conveying direction, and a pattern surface supporting water guide (30) that is disposed at a position opposite the belt part (11) and that causes a predetermined water pressure to be directed toward the pattern surface (2) of the plate glass (1). The plate glass conveyance device (10) is configured so that the transport mechanism (40) presses the plate glass (1) against the belt part (11) using the water pressure of the pattern surface supporting water guide (30), and in a state of non-contact with the pattern surface (2) of the plate glass (1),the transport mechanism (40) holds the plate glass (1) with the belt part (11), and the plate glass (1) can be stably transported without scratching the pattern surface thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1239/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : BRIMONIDINE GEL COMPOSITIONS AND METHODS OF USE

(51) International classification :A61K9/06,A61K47/32,A61K9/00

(31) Priority Document No :61/405,388

(32) Priority Date :21/10/2010

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

(86) International Application No :PCT/EP2011/068263

Filing Date :19/10/2011

(87) International Publication No :WO 2012/052479

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)GALDERMA S.A.

Address of Applicant :Zugerstrasse 8, CH-6330 Cham
SWITZERLAND

(72)Name of Inventor :

1)BUGE, Jean-Christophe

2)NADAU FOURCADE, Karine

3)MEUNIER, Cyril

(57) Abstract :

Improved topical gel compositions, such as those containing brimonidine, for the treatment of skin disorders are described. The gel compositions contain carbomer and methylparaben, and are substantially free of methylparaben crystalline particles after an extended period of storage.

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

(54) Title of the invention : DEVICE AND METHOD FOR FILTERING FLUIDS

(51) International classification :B01D37/02,B01D37/04,B01D36/00
 (31) Priority Document No :10 2010 055 522.3
 (32) Priority Date :22/12/2010
 (33) Name of priority country:Germany
 (86) International Application No :PCT/EP2011/005757
 Filing Date :16/11/2011
 (87) International Publication No :WO 2012/084098
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)KHS GMBH,

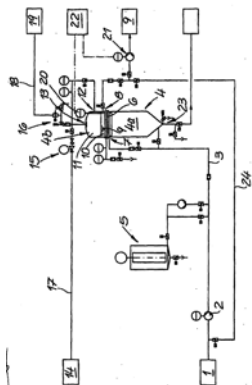
Address of Applicant :Juchostrasse 20 44143 Dortmund, GERMANY

(72)Name of Inventor :

1)SANDER, Ulrich,

(57) Abstract :

The invention relates to a device and method for filtering fluids, in particular a filtering device for beverages such as beer. For this purpose, at least one filtration tank (4) is provided, which has an unfiltered-fluid chamber (4a) having an inlet (7) for unfiltered fluid (1) and a filtered-fluid chamber (4b) having an outlet (8) for filtered fluid (9). According to the invention, the filtered-fluid chamber (4b) and/or the outlet (8) acts as a gas buffer at the same time.



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

(54) Title of the invention : INSPECTION DEVICE FOR INSPECTING FOREIGN MATTER

(51) International classification :G01N29/04,G01N29/22
 (31) Priority Document No :10 2010 053 772.1
 (32) Priority Date :08/12/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/005595
 Filing Date :08/11/2011
 (87) International Publication No :WO 2012/076089
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

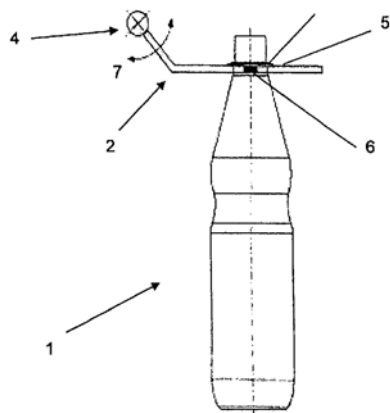
1)KHS GmbH,Address of Applicant :Juchostrasse 20 44143 Dortmund,
GERMANY

(72)Name of Inventor :

1)HERRMANN, Jürgen;**2)FRITSCH, Claas****3)HERRMANN, Marius, Michael****4)DRENGUIS, Alfred**

(57) Abstract :

The invention relates to a container handling installation (1), in particular a filling machine, in which containers (1), such as bottles or similar and also cans are transported in a transport direction by means of retaining and transport elements (2) and in which respective containers (1) are filled with a product at filling stations. The container handling installation has at least one inspection device (6) for checking bottles or similar containers (1) for unwanted foreign matter, said inspection device (6) being connected to an evaluation unit. The invention is characterised in that the inspection device (6) is designed as an integral component of the retaining and transport element (2) and as a piezo sensor (6). The inspection device (6) can be connected to the container (1) in such a way that the latter can be moved together with the inspection device (6) in the respective direction of movement and in the transport direction.



No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1215/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : BELLOWS FOR USE IN VACUUM INTERRUPTERS

(51) International classification :H01H33/662

(31) Priority Document No :12/946,133

(32) Priority Date :15/11/2010

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

(86) International Application No :PCT/IB2011/002698

Filing Date :15/11/2011

(87) International Publication No :WO 2012/066406

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)EATON CORPORATION

Address of Applicant :EATON CENTER, 1111 SUPERIOR AVENUE, CLEVELAND,OH 44114-2584, U.S.A.

(72)Name of Inventor :

1)LI, WANGPEI

(57) Abstract :

ABSTRACT BELLOWS FOR USE IN VACUUM INTERRUPTERS An improved bellows for use in a vacuum interrupter includes a plurality of corrugations extending along a central axis, with each convolution including a convolution element (20) and a support element (24). Each convolution element has a convolution length (28) along the central axis and a convolution height (32A) perpendicular to the central axis. In a first embodiment, the convolution height of the various corrugations increases between two ends of the bellows. In an embodiment, the bellows height increases gradually between the two ends, and in another embodiment the convolution height increases in a stepwise fashion. The convolution length can likewise change gradually or stepwise between the ends of the bellows. The convolution height alternatively can remain the same throughout a bellows, but the convolution length may change.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.237/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :28/02/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : CONVERSION OF A PRODUCTION PLANT FOR THE POST PRINT PROCESSING.

(51) International classification	:G06T	(71)Name of Applicant :
(31) Priority Document No	:00339/12	1)MULLER MARTINI HOLDING AG
(32) Priority Date	:09/03/2012	Address of Applicant :SONNENBERGSTRASSE 13, CH-
(33) Name of priority country	:Switzerland	6052 HERGISWIL Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHRISTIAN ABEGGLEN
(87) International Publication No	: NA	2)MARKUS BRACHED
(61) Patent of Addition to Application Number	:NA	3)MARKUS BRACHED
Filing Date	:NA	4)MARK RICKENBACHER
(62) Divisional to Application Number	:NA	5)CHRISTAIN SCHMID
Filing Date	:NA	

(57) Abstract :

The invention relates to a method and a device for the conversion of a production plant which consists of several post print processing machines and comprises a plant control unit, wherein this method and device are used for successively processing different production orders for turning partial products into finished print products. In the process, it is first determined when a last partial product of a first production order has left a post print processing machine, whereupon this machine is then automatically converted. It is furthermore determined when the conversion of the post print processing machine is completed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.264/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :08/03/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : CUP-SHAPED HEAT DISSIPATION MEMBER APPLICABLE IN ELECTRIC-POWERED LIGHT EMITTING UNIT

(51) International classification	:F01P11/00	(71) Name of Applicant :
(31) Priority Document No	:13/417,393	1)TAI-HER YANG
(32) Priority Date	:12/03/2012	Address of Applicant :NO.59, CHUNG HSING 8 ST., SI-HU
(33) Name of priority country	:U.S.A.	TOWN, DZAN-HWA, R.O.C. Taiwan
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)TAI-HER YANG
(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 novel cup-shaped heat dissipation member aimed to meet the heat dissipation requirement of an electric-powered light emitting unit; the outer bottom side of the cup-shaped heat dissipation member is installed with the electric-powered light emitting unit (200), so the heat energy from the electric-powered light emitting unit (200) cannot only be dissipated to the exterior from the surface of the heat dissipation member, with the enlarged inner recessed surface formed on the cup-shaped structure in the heat dissipation member (100) opposite to the installation location of the electric-powered light emitting unit (200), the heat energy inside the heat dissipation member (100) can also be directly dissipated through the larger heat dissipation area formed on the inner recessed surface of the cup-shaped structure, thereby assisting the electric-powered light emitting unit (200) to dissipate heat to the exterior.

No. of Pages : 40 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1183/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : MOBILE TERMINAL, BASE STATION AND METHODS THEREIN

(51) International classification :H04W74/08
(31) Priority Document No :61/388,914
(32) Priority Date :01/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2011/051159
Filing Date :28/09/2011
(87) International Publication No :WO 2012/044241
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
Address of Applicant :S-164 83 STOCKHOLM,SWEDEN
(72)**Name of Inventor :**
1)PRADAS,JOSE LUIS
2)PEISA, JANNE
3)SUNELL, KAI-ERIK
4)MANZANO,FRANCISCO
5)ALSENMYR,GERTIE

(57) Abstract :

Embodiments herein relate to a method in a mobile terminal (10) for requesting access to a wireless communication system. The mobile terminal (10) receives broadcasted system information that indicates a first available resource of a contention based channel. The mobile terminal (10) derives a second available resource of the contention based channel based on the first available resource of the contention based channel. The mobile terminal (10) further transmits an access request preamble mapped to the second available resource to access the wireless communication system.

No. of Pages : 89 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1242/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : JATROPHA CURCAS PROCESSING METHODS AND PRODUCTS

(51) International classification :A23K1/14,A23L1/29	(71)Name of Applicant :
(31) Priority Document No :61/406,719	1)CREA, Roberto
(32) Priority Date :26/10/2010	Address of Applicant :35565 Whitesell Street, Hayward, CA
(33) Name of priority country :U.S.A.	94545 U.S.A.
(86) International Application No :PCT/US2011/057896	(72)Name of Inventor :
Filing Date :26/10/2011	1)CREA, Roberto
(87) International Publication No :WO 2012/058315	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

A process for preparing a food or feed composition from J. curcas is disclosed. The method involves adding an acidified aqueous solution to J. curcas components, to a final pH of between 1 and 5, incubating the acidified mixture for a period for a period of at least 1 hour, and centrifuging the incubated mixture to separate the mixture into three physically distinct fractions: (i) a light, upper fraction containing oil, (ii) an aqueous fraction containing soluble acid-extracted components and breakdown products, and (iii) a substantially detoxified solid cake which forms or is used in forming the food or feed composition. The acidified aqueous solution added may be acidified olive vegetation water having a ratio of hydroxytyrosol to oleuropein of between 5:1 to 100:1. Also disclosed are a food or feed composition, and oil and aqueous fractions formed by the method.

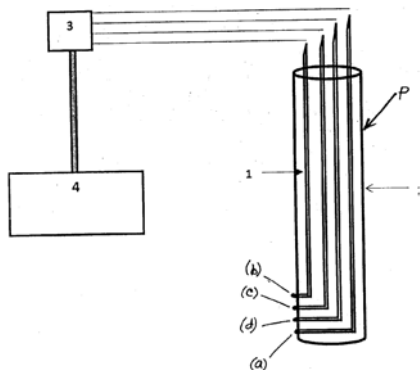
No. of Pages : 31 No. of Claims : 69

(54) Title of the invention : A MEASURING DEVICE TO MEASURE HEAT TRANSFER IN VERTICAL DIRECTION THROUGH A PLURALITY LAYERS OF MOULD POWDER AND SLAG IN CONTINUOUS CASTING MOULDS DURING SLAB-CASTING

(51) International classification	:B22D	(71)Name of Applicant :
(31) Priority Document No	11/05	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,INDIA Jharkhand India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. P.P. SAHOO
(61) Patent of Addition to Application Number	:NA	2)MR. ARGHYA DEY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a device to measure heat transfer in vertical direction through a plurality layers of mould powder and slag in continuous casting moulds during slab-casting, comprising : a temperature probe configured in the shape of a cylinder and configured with a plurality of holes at different heights along the probe body; a plurality of thermocouples disposed in the probe body such that first ends of the thermocouples respectively exposed to said mould powder/slag layers via the plurality of holes, the second ends of the thermocouples extend through the top-open portion of the cylindrical probe body; a data conversion means operably connected to the second end of the thermocouples to convert captured analog data to digital data; and a processor having a memory device with pre-stored data and operably connected to the data conversion means; wherein the probe upon gradually dipping into the mould is enabled to generate respective temperature data of said plurality of layers through said plurality of thermocouples which on processing by the processor provide on-line casting parameters including deviation from pre-stored data so as to introduce corrective measures.



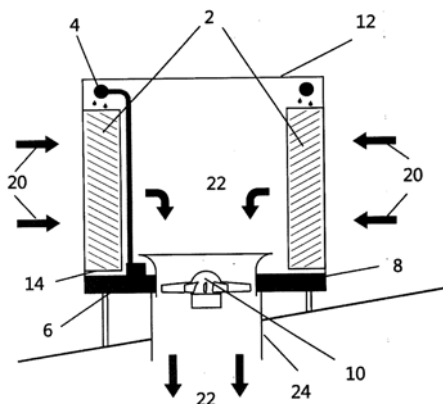
No. of Pages : 12 No. of Claims : 2

(54) Title of the invention : WETTING OF EVAPORATIVE COOLER PADS

(51) International classification	:F28D5/00	(71)Name of Applicant :
(31) Priority Document No	:2012-900922	1)F F SEELEY NOMINEES PTY LTD
(32) Priority Date	:08/03/2012	Address of Applicant :112 O'SULLIVAN BEACH ROAD,
(33) Name of priority country	:Australia	LONSDALE, SA 5160, AUSTRALIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ROB GILBERT
(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 controlling the operation of an evaporative air cooler where the pads (2) of the cooler are intermittently wetted with an amount of water (14) in excess of the capacity of the pads (2) to absorb and retain during each wetting operation of the pad. The airflow (20) through the pads during intermittent wetting being limited to a velocity so as to not entrain water in the airflow during the wetting operation and the velocity of the airflow through the pads is increased after each intermittent wetting so as to raise the level of cooling output (22) of the cooler between each intermittent wetting operation.



No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1203/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING A SLIDING RAIL OF A LONGITUDINAL ADJUSTMENT DEVICE OF A VEHICLE SEAT

(51) International classification :B60N2/07,B08B7/00,C21D1/09
(31) Priority Document No :10 2010 061 800.4
(32) Priority Date :23/11/2010
(33) Name of priority country :Germany
(86) International Application No:PCT/EP2011/069012
Filing Date :28/10/2011
(87) International Publication No :WO 2012/069277
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :

1)C. ROB. HAMMERSTEIN GMBH & CO. KG

Address of Applicant :MERSCHIEDER STR. 167, 42699
SOLINGEN GERMANY

(72)Name of Inventor :

1)BECKER, BURCKHARD

2)FUCHS, PETER

3)GITTERMANN, THOMAS

4)SCHMIDT, HARALD

(57) Abstract :

The invention relates to a method for producing a sliding rail (20) of a longitudinal adjustment device for a vehicle seat, wherein the longitudinal adjustment device comprises at least one pair of rails having two sliding rails (20) and having sliding and/or rolling elements, the two sliding rails (20) can be moved in the longitudinal direction against one another, the sliding and/or rolling elements are disposed between the sliding rails (20), and the sliding rails (20) have contact tracks (28) by which the sliding and/or rolling elements are in contact. According to the invention, a sliding rail (20) is produced and then painted. Subsequently, at least one contact track (28) is irradiated with a laser (32). In this way the layer of paint (44) located on the contact track (28) is removed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1204/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : SULFONATES FROM NATURAL OIL METATHESIS

(51) International classification :C11D1/28
(31) Priority Document No :61/406,547
(32) Priority Date :25/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/057609
Filing Date :25/10/2011
(87) International Publication No :WO 2012/061101
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)STEPAN COMPANY

Address of Applicant :22 W. FRONTAGE ROAD,
NORTHFIELD, IL 60093 U.S.A.

(72)Name of Inventor :

1)ALLEN,DAVE,R.

2)BERNHARDT, RANDAL, J.

3)BROWN, AARON

4)LUEBKE, GARY

5)LUKA, RENEE

6)MALEC, ANDREW, D.

7)MASTERS,RONALD, A.

8)SKELTON, PATTI

9)SOOK, BRIAN

10)WEITGENANT, JEREMY, AARON

11)WOLFE, PATRICK, SHANE

(57) Abstract :

Sulfonate compositions are disclosed. The compositions include alkanesulfonates, alkenesulfonates, sultones, and hydroxyl-substituted alkanesulfonates. The sulfonates comprise a reaction product of a metathesis- derived C10-C17 monounsaturated acid, octadecene-1, 18-dioic acid, or their ester derivatives with a sulfonating or sulfitating agent. In one aspect, the sulfonate composition is a sulfo estolide made by reacting a metathesis derived C10-C17 monounsaturated acid or octadecene-1, 18-dioic acid with a sulfonating agent, optionally in the presence of a saturated fatty acid. The sulfonates are valuable for a wide variety of end uses, including cleaners, fabric treatment, hair conditioning, personal care (liquid cleansing products, conditioning bars, oral care products), paint additives, antimicrobial compositions, agricultural uses, and oil field applications.

No. of Pages : 44 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.258/KOL/2012 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : A SYSTEM FOR ENHANCED OBJECT TRACKING.

(51) International classification	:G08B 13/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:33/KOL/2011
Filed on	:12/01/2011

(71)Name of Applicant :

1)VIDEONETICS TECHNOLOGY PRIVATE LIMITED

Address of Applicant :PLOT-5, BLOCK-BP, SALT LAKE,
KOLKATA-700091 West Bengal India

(72)Name of Inventor :

1)ACHARYA, TINKU

2)BHATTACHARYYA, DIPAK

3)BOSE, TUHIN

4)DALAL, TUTAI KUMAR

5)DAS, SAWAN

6)DHAR, SOUMYADEEP

7)MAITY, SOUMYADIP

(57) Abstract :

The present invention relates to object tracking systems which are used to detect the presence of any moving object in a scene and track the object to distinguish it from other similar objects in the scene and also to record the trajectory of the object. In particular, the invention relates to automatically track the object and zoom on the object so that the detail features of the object is visible in the video frames and which can be advantageously deployable in a real life video , even when the video is infected with noises like shadow, glare, electronic noises etc. Further the system of the invention is directed to be also adaptive to demographic and environmental variations. The object tracking system of the invention is adapted to enhance the functionalities and utility of a traditional Object tracking system and at the same time eliminates the drawbacks of a standalone PTZ camera based tracking mechanism.

No. of Pages : 46 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.258/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :06/03/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHOD OF OPERATING AN ABSORPTION HEAT PUMP

(51) International classification	:F25b
(31) Priority Document No	:12158550.9
(32) Priority Date	:08/03/2012
(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

(71)**Name of Applicant :**
1)EVONIK INDUSTRIES AG
Address of Applicant :RELLINGHAUSER STRAÙE 1-11,
45128 ESSEN, GERMANY
(72)**Name of Inventor :**
1)MARC-CHRISTOPH SCHNEIDER
2)OLIVIER ZEHNACKER
3)ROLF SCHNEIDER
4)MATTHIAS SEILER

(57) Abstract :

The use of a mixture comprising ethanol as refrigerant and at least one 1,3-dimethylimidazolium dialkylphosphate as sorption medium as working medium in an absorption heat pump gives a better efficiency than the use of working media containing a different refrigerant or a different ionic liquid.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.273/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :11/03/2013

(43) Publication Date : 13/09/2013

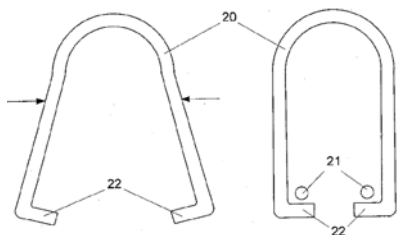
(54) Title of the invention : METHOD AND APPARATUS FOR THE INSTALLATION OF A LIFTING LOOP, AND PART FORMING A LIFTING LOOP

(51) International classification	:B66C1/18
(31) Priority Document No	:20125266
(32) Priority Date	:12/03/2012
(33) Name of priority country	:Finland
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ELEMATIC OY AB
Address of Applicant :PL 33, FI-37801 TOIJALA, FINLAND
(72)**Name of Inventor :**
1)KORKIAMÄKI, PEKKA

(57) Abstract :

A method for the installation of a lifting loop in a fresh hollow core slab, said hollow core slab having its top surface broken for an opening substantially in line with a neck between the cavities, and said method comprises placing in the obtained opening a lifting loop forming part (19, 20, 23, 25, 27) set to bear against the hollow core slab's pre-stressing strands (21), the lifting loop-forming part's (19, 20, 23, 25, 27) end sections (22, 24, 26, 28) being placed under the hollow core slab's pre-stressing strands (21) by providing either a permanent or temporary deformation in the lifting loop forming part. The invention relates also to an apparatus for implementing such a method, as well as to a lifting loop-forming part compatible with the method.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1180/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : APPARATUS AND METHOD FOR DERIVING A DIRECTIONAL INFORMATION AND COMPUTER PROGRAM PRODUCT

(51) International classification	:H04R3/00
(31) Priority Document No	:61/407,574
(32) Priority Date	:28/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2011/068805
Filing Date	:26/10/2011
(87) International Publication No	:WO 2012/055940
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
Address of Applicant :HansastraBe 27c, 80686 München, GERMANY
(72)**Name of Inventor :**
1)KÜCH, Fabian
2)DEL GALDO, Giovanni
3)THIERGART, Oliver
4)PULKKI, Ville
5)AHONEN, Jukka

(57) Abstract :

An apparatus for deriving a directional information from a plurality of microphone signals or from a plurality of components of a microphone signal, wherein different effective microphone look directions are associated with the microphone signals or components, comprises a combiner configured to obtain a magnitude value from a microphone signal or a component of the microphone signal. The combiner is further configured to combine direction information items describing the effective microphone look directions, such that a direction information item describing a given effective microphone look direction is weighted in dependence on the magnitude value of the microphone signal, or of the component of the microphone signal, associated with the given effective microphone look direction, to derive the directional information.

No. of Pages : 57 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.256/KOL/2012 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : A METHOD OF RESOURCE ALLOCATION FOR ANALYTICAL PROCESSING INVOLVING MULTI CHANNEL ENVIRONMENT.

(51) International classification	:G06F 15/16
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:33/KOL/2011
Filed on	:12/01/2011

(71)Name of Applicant :

1)VIDEONETICS TECHNOLOGY PRIVATE LIMITED

Address of Applicant :PLOT-5, BLOCK-BP, SALT LAKE,
KOLKATA-700091 West Bengal India

(72)Name of Inventor :

1)ACHARYA, TINKU

2)BHATTACHARYYA, DIPAK

3)BOSE, TUHIN

4)DALAL, TUTAI KUMAR

5)DAS, SAWAN

6)DHAR, SOUMYADEEP

7)MAITY, SOUMYADIP

(57) Abstract :

there is disclosed a method of resource allocation for analytical processing involving multi channel environment and ,in particular, to a method for allocating computing resource and allied resources (e.g, Physical memory) in a computer for Analytics processing on video channels in a multi-channel environment, estimating scene complexity as relevant to the frequency of frame processing, spawning of processor threads based on physical CPU cores, allocation of threads to video channels for Analytics processing based on requirement. Advantageously, the invention and the method of resource allocation is adapted to enable an optimum sharing of resources among multiple channels with constrained resources and also eliminates unnecessary computing.

No. of Pages : 42 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1219/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : COMPOSITIONS FOR THE TREATMENT OF PERIPHERAL ULCERS OF VARIOUS ORIGINS

(51) International classification :A61K36/28,A61K36/87,A61K36/45
(31) Priority Document No :MI2010A002009
(32) Priority Date :28/10/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2011/068399
Filing Date :21/10/2011
(87) International Publication No :WO 2012/055774
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)INDENA S.P.A.
Address of Applicant :VIALE ORTLES,12, I-20139,MILANO ITALY
(72)Name of Inventor :
1)BOMBARDELLI, EZIO
2)MORAZZONI, PAOLO
3)RONCHI, MASSIMO

(57) Abstract :

The present invention relates to compositions containing a combination of a cell proliferation- stimulating agent with vasokinetic properties and an antimicrobial, antifungal and antiviral agent with an anti inflammatory/analgesic, which is useful in the treatment of peripheral ulcers of various origins, such as diabetic ulcers caused by venous stasis of the limbs bedsores and the associated skin infections. Said combination could be presented as formulations for topical or systemic use.

No. of Pages : 12 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1220/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : INTELLIGENT INTERFACE FOR A DISTRIBUTED CONTROL SYSTEM

(51) International classification :G05B19/418,H04L12/24
(31) Priority Document No :61/392,467
(32) Priority Date :12/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/051934
Filing Date :16/09/2011
(87) International Publication No :WO 2012/050734
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)ABB INC.

Address of Applicant :12040 REGENCY PARKWAY, SUITE
200, CARY, NC 27518 U.S.A.

(72)Name of Inventor :

1)SENTGEORGE, TIMOTHY, M.

2)CARNEY, DAVID, M.

3)HUNKAR, PAUL, E.

(57) Abstract :

An intelligent interface system is provided for connecting an external application to a distributed control system (DCS). The interface system is operable to automatically scan the DCS to determine its configuration and build a topology model of the DCS. The topology model is used to determine whether data requested from a module in the DCS can be provided by the module. The topology model is constructed to be thread safe. A throttling mechanism in the interface system protects the DCS from being subjected to excessive data requests.

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

(54) Title of the invention : SPUN YARN TAKE-UP APPARATUS

(51) International classification

:D02J1/00

(31) Priority Document No

:2012-

051264

(32) Priority Date

:08/03/2012

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)TMT MACHINERY, INC.

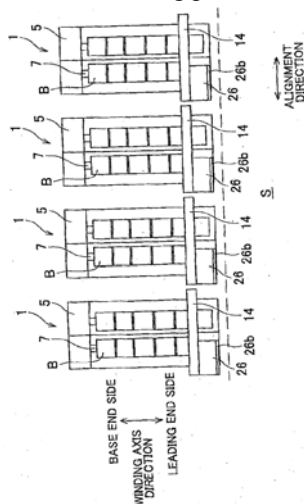
Address of Applicant :6TH FL., OSAKA GREEN BLDG., 2-6-26 KITAHAMA, CHUO-KU, OSAKA-SHI, OSAKA 541-0041, JAPAN

(72)Name of Inventor :

1)ISHIMARU NORIKI

(57) Abstract :

Onto godet rollers 21 to 24 arranged in parallel with a bobbin holder 7, a yarn threading operation can be performed from the leading end side of the bobbin holder 7. A working platform 33 is able to selectively take an operation posture in which footboards 41 and 42 extend in the horizontal direction and a retracted posture in which the footboards 41 and 42 extend in the vertical direction. In the operation posture, the working platform 33 is located on the leading end side of the bobbin holder 7. The operation posture is taken when the yarn threading operation is performed. The retracted posture is deviated from a yarn winding device 3 with respect to an alignment direction. A storage 31 having a slidable component 32 stored therein is provided laterally to the yarn winding device 3. The working platform 33 is attached to the slidable component 32. Moving the slidable component 32 in the winding axis direction with the working platform 33 taking the retracted posture causes the working platform 33 to be stored into the storage 31.



No. of Pages : 38 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1137/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHODS OF TREATING GIARDIASIS

(51) International classification :A61K31/03,A61K31/05,A61K31/137
(31) Priority Document No :61/392,096
(32) Priority Date :12/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/055902
Filing Date :12/10/2011
(87) International Publication No :WO 2012/051251
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES
Address of Applicant :Office of Technology Transfer, National Institutes Of Health 6011 Executive Boulevard, Suite 325, Msc 7660 Bethesda, MD 20892-7660 U.S.A.
2)UNIVERSITY OF MARYLAND COLLEGE PARK
(72)Name of Inventor :
1)ZHENG, Wei
2)CHEN, Catherine
3)MARUGAN, Juan, Jose
4)SOUTHALL, Noel
5)AUSTIN, Christopher, P.
6)GALKIN, Andrey
7)KULAKOVA, Liudmila
8)HERZBERG, Osnat

(57) Abstract :
Compounds useful for the treatment of giardiasis are described.

No. of Pages : 28 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1138/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : INJECTABLE, PORE-FORMING HYDROGELS FOR MATERIALS-BASED CELL THERAPIES

(51) International classification :A61L27/52,A61L27/54,A61L27/38
(31) Priority Document No :61/390,594
(32) Priority Date :06/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/055174
Filing Date :06/10/2011
(87) International Publication No :WO 2012/048165
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)PRESIDENT AND FELLOWS OF HARVARD COLLEGE
Address of Applicant :17 Quincy Street, Cambridge, MA 02138 U.S.A.
(72)Name of Inventor :
1)HUEBSCH, Nathaniel, D.
2)MADL, Christopher, M.
3)LEE, Kangwon
4)XU, Maria M.
5)MOONEY, David, J.

(57) Abstract :

The invention provides compositions and methods to form pores in situ within hydrogels following hydrogel injection. Pores formed in situ via degradation of sacrificial porogens within the surrounding hydrogel facilitate recruitment or release of cells. Disclosed herein is a material that is not initially porous, but which becomes macroporous over time.

No. of Pages : 66 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1139/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : METHODS FOR THE TREATMENT OF ALLERGIC DISEASES

(51) International classification :A61K31/55,A61K9/20,A61K9/48

(31) Priority Document No :61/388957

(32) Priority Date :01/10/2010

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

(86) International Application
No :PCT/US2011/054652

Filing Date :03/10/2011

(87) International Publication
No :WO 2012/045089

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

1)VENTIRX PHARMACEUTICALS, INC.

Address of Applicant :12651 High Bluff Drive, Suite 200,San
Diego, CA 92130 U.S.A.

(72)Name of Inventor :

1)HERSHBERG, Robert

(57) Abstract :

The present invention is directed generally to a TLR8 agonist VTX-378, for use in the treatment or prevention of allergic diseases, including allergic rhinitis.

No. of Pages : 53 No. of Claims : 21

(54) Title of the invention : GLYPHOSATE FORMULATIONS BASED ON COMPOSITIONS DERIVED FROM NATURAL OIL METATHESIS

(51) International classification :A01N57/18
 (31) Priority Document No :61/406,556
 (32) Priority Date :25/10/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/057616
 Filing Date :25/10/2011
 (87) International Publication No :WO 2012/061106
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)STEPAN COMPANY
 Address of Applicant :22 W. FRONTAGE ROAD,
 NORTHFIELD,IL 60093 U.S.A.
 (72)**Name of Inventor :**
1)ALLEN,DAVE,R.
2)BERNHARDT,RANDAL, J.
3)MALEC,ANDREW, D.
4)WOLFE, PATRICK, SHANE

(57) Abstract :

Aqueous glyphosate formulations comprising a surfactant derived from metathesized natural oil feedstocks are disclosed. The formulations comprise a glyphosate salt, water, and a surfactant-derived from a metathesis-derived C10-C17 monounsaturated acid, octadecene-1,18-dioic acid, or their ester derivatives. The surfactant is selected from C10 or C12 amine oxides, C10 or C12 quats, C10, C12, or C16 amidoamines, C10 or C12 amidoamine oxides, C10 imidazoline quats, C10 or C12 amidoamine quats, C10, C12, or C16 betaines, C16 amidoamine betaines, C18 diamidoamines, C18 diamidoamine oxides, C18 diamidoamine diquats, C18 diamidoamine oxide quats, C18 diamidoamine oxide betaines, Cis diamidoamine monobetaines, C18 diamidoamine monobetaine quats, C18 ester amidoamine quats, and amidoamines and their oxidized or quaternized derivatives made from self- or cross-metathesized palm or soybean oil. The surfactants noted above impart substantial stability to highly concentrated glyphosate formulations at, above, and below room temperature and perform as well or better than commercial alternatives.

No. of Pages : 56 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.259/KOL/2012 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : AN INTELLIGENT AUTOMATED TRAFFIC ENFORCEMENT SYSTEM.

(51) International classification :G06F 15/16
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :33/KOL/2011
Filed on :12/01/2011

(71)Name of Applicant :

1)VIDEONETICS TECHNOLOGY PRIVATE LIMITED

Address of Applicant :PLOT-5, BLOCK-BP, SALT LAKE,
KOLKATA-700091 West Bengal India

(72)Name of Inventor :

1)ACHARYA, TINKU

2)BHATTACHARYYA, DIPAK

3)BOSE, TUHIN

4)DALAL, TUTAI KUMAR

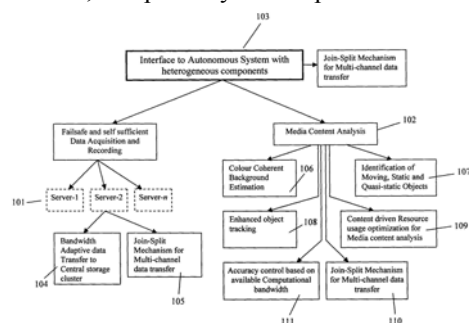
5)DAS, SAWAN

6)DHAR, SOUMYADEEP

7)MAITY, SOUMYADIP

(57) Abstract :

An intelligent automated traffic enforcement system is disclosed, adapted to assist the traffic management department to identify the violation by traffic department personnel by remotely observing the video feeds coming to the control room from the junction through computer monitor. Alternately, the traffic violation can be automatically detected by and automatically alert traffic personnel without physically being present at the traffic junction or sitting in the control room. Advantageously, the system of the invention does not require any specialized or proprietary camera to detect these violations and is adapted to analyzes video feed from traditional security cameras in a computer to detect the events. The system is adapted such that it can capture and process the video on traffic movements to detect the violating vehicles, automatically find the identity of the vehicle such as Number Plate, shape, size, color, logo, type of the vehicle, and possibly the snapshot of the driver if visible.



No. of Pages : 64 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1230/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : SUBSEA ANCHOR

(51) International classification :B63B21/27,E21B41/08,E21B43/017
(31) Priority Document No :2010 1581
(32) Priority Date :09/11/2010
(33) Name of priority country :Norway
(86) International Application No :PCT/EP2011/069521
Filing Date :07/11/2011
(87) International Publication No :WO 2012/062693
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AKER SUBSEA AS
Address of Applicant :POSTBOKS 94, 1325 Lysaker,
NORWAY
(72)Name of Inventor :
1)MØGEDAL, Knut
2)KRISTIANSEN, Bård

(57) Abstract :

Subsea anchor (1) having a hollow cylindrical body (3) extending down from a top part (13). The anchor has a top aperture (15) and a top hatch (17) which is adapted to close and open the top aperture (15). The cylindrical body (3) is adapted to penetrate into a seabed. The area of said aperture (15) is at least 30 % of the corresponding cross section area encircled by the cylindrical body (3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1231/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : IN-VIVO MONITORING WITH MICROWAVES

(51) International classification :A61B5/145,A61B5/05,H01P7/10
(31) Priority Document No :1018413.3
(32) Priority Date :01/11/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/052107
Filing Date :28/10/2011
(87) International Publication No :WO 2012/059741
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNIVERSITY COLLEGE CARDIFF CONSULTANTS LTD.
Address of Applicant :Dr Philip Barnes, 30-36 Newport Road, Cardiff, South Glamorgan CF24 0DE, U.K.
(72)**Name of Inventor :**
1)PORCH, Adrian
2)BEUTLER, Jan

(57) Abstract :

A blood glucose monitor for non-invasive, in-vivo characterisation of a blood glucose level in a living body, the monitor comprising: a microwave resonator having a resonant response to input microwaves and designed such that said response will experience a perturbation by a living body in proximity or contact with the resonator; and detection means for detecting changes in said resonant response from which said level can be characterised.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.261/KOL/2012 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : A METHOD FOR SENSORY INPUT RECORDING AND LIVE STREAMING IN A MULTI-SERVER ENVIRONMENT.

(51) International classification	:G06F 15/16
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:33/KOL/2011
Filed on	:12/01/2011

(71)Name of Applicant :

1)VIDEONETICS TECHNOLOGY PRIVATE LIMITED

Address of Applicant :PLOT-5, BLOCK-BP, SALT LAKE,
KOLKATA-700091 West Bengal India

(72)Name of Inventor :

1)ACHARYA, TINKU

2)BHATTACHARYYA, DIPAK

3)BOSE, TUHIN

4)DALAL, TUTAI KUMAR

5)DAS, SAWAN

6)DHAR, SOUMYADEEP

7)MAITY, SOUMYADIP

(57) Abstract :

There is disclosed a fail-safe architecture for recording video in a multi-camera Video Management system, an advanced technique for estimating server capability for load balancing, automatic uniform distribution of video recording load across all the active servers, auto-registration of recording servers when they are active in the network, use of multiple distributed NAS/SAN storage devices, automatic back up of recorded video in the server local storage space in case of failure of the central storage, automatic upload of the video files to the central storage once the storage system is recovered from failure, video streaming to the clients without passing the video through any central hardware and thus avoiding single point of failure, automatic camera add and release operation on new server addition in the system and in case of server failure, without any manual intervention. The recording system involves multiple servers and is highly scalable with respect to increase or decrease in the number of cameras, tolerant to failure of servers/storage devices.

No. of Pages : 48 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1156/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : CUTTING INSERT WITH GROOVED SURFACE DEFINING PLURAL SUPPORT SURFACES

(51) International classification :B23C5/22,B23C5/08,B23C5/20
(31) Priority Document No :10189749.4
(32) Priority Date :03/11/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/068856
Filing Date :27/10/2011
(87) International Publication No :WO 2012/059395
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SECO TOOLS AB
Address of Applicant :S-737 82 Fagersta, SWEDEN
(72)Name of Inventor :
1)MICHELET, Benjamin
2)RIVIÈRE, Bertrand

(57) Abstract :

A cutting insert (21, 21) includes a first mounting surface (23, 23), a second mounting surface (25, 25) on an opposite side of the insert (21, 21) from the first mounting surface (23, 23), and a first side surface (27, 27) between the first mounting surface (23, 23) and the second mounting surface (25, 25). The insert (21, 21) further includes a first groove (35) extending substantially diagonally across the first side surface (27, 27) and dividing the first side surface (27, 27) into discrete, separated, triangular first and second first side support surfaces (37 and 39), the first and second first side support surfaces (37 and 39) each being bounded along first and second edges thereof by rake surfaces (59, 65) forming non- zero angles with the first and second side support surfaces and along third edges thereof by the groove (35).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1157/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : CELLULOSE FIBRE COMPOSITION

(51) International classification :D21H11/12,C08L97/02,D21H17/00

(31) Priority Document No :2010904775

(32) Priority Date :26/10/2010

(33) Name of priority country:Australia

(86) International Application No :PCT/AU2011/001360

Filing Date :26/10/2011

(87) International Publication No :WO 2012/054968

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ZEO IP PTY LTD

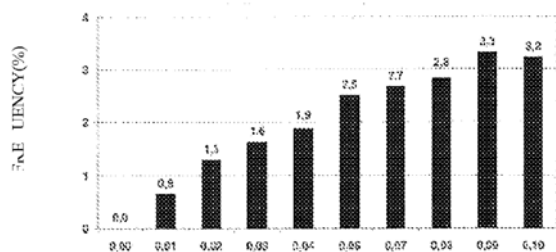
Address of Applicant :1/70 Burringbar Street, Mullumbimby, New South Wales 2482, AUSTRALIA

(72)Name of Inventor :

1)ERNEGG, Martin Charles

(57) Abstract :

A cellulosic composition comprising fibres having a length weighted average fibre length (LWAFI) of 0.25 to 0.40mm.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1158/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : IMMUNOGENIC COMPOSITION COMPRISING SHIGELLA LIPOPOLYSACCHARIDE AND OUTER MEMBRANE PROTEIN

(51) International classification	:A61K39/112,A61K39/39	(71)Name of Applicant :
(31) Priority Document No	:61/407,245	1)GLAXOSMITHKLINE BIOLOGICALS S.A.
(32) Priority Date	:27/10/2010	Address of Applicant :rue de L'Institut 89, B-1330 Rixensart
(33) Name of priority country	:U.S.A.	BELGIUM
(86) International Application No	:PCT/EP2011/068832	(72)Name of Inventor :
Filing Date	:27/10/2011	1)BLAIS, Normand
(87) International Publication No	:WO 2012/055951	2)LANTEIGNE, Anne-Marie
(61) Patent of Addition to Application	:NA	3)LAROCQUE, Daniel
Number	:NA	4)MALLETT, Corey
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the use of a immunogenic or immunostimulatory composition comprising a Shigella outer membrane protein (OMP) and Shigella LPS molecule in medicine and methods for preparing the composition.

No. of Pages : 51 No. of Claims : 38

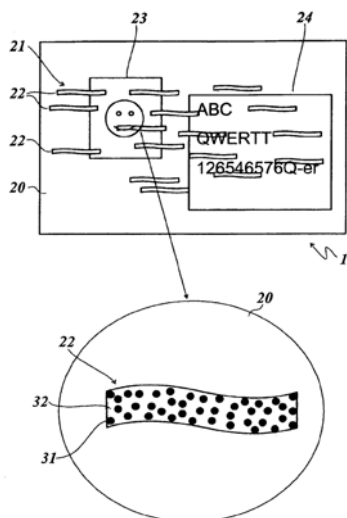
(54) Title of the invention : SECURITY ELEMENT AND METHOD FOR PRODUCING A SECURITY ELEMENT

(51) International classification :B42D15/00,B42D15/10
 (31) Priority Document No :10 2010 050 031.3
 (32) Priority Date :02/11/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/005489
 Filing Date :31/10/2011
 (87) International Publication No :WO 2012/059208
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)OVD KINEGRAM AG
 Address of Applicant :Zählerweg 12, CH-6301 Zug
 SWITZERLAND
 (72)Name of Inventor :
1)STAUB, René
2)SCHILLING, Andreas
3)HANSEN, Achim

(57) Abstract :

The invention relates to a security element (1), in particular a value document, and to a method for producing same. The security element has a patterned region (21) consisting of one or more design elements (22), the shape of said patterned region providing a first item of visually perceptible information. Said element also has a background region (20) which surrounds one or more design elements of the patterned region at least in some regions. The security element (1) has an opaque reflective layer, which is not provided in the background region (20) and is provided in the patterned region (21) in first zones (31), but not in second zones. The first zones (31) are mutually spaced by less than 300 µm and have a smallest dimension of less than 300 µm.



No. of Pages : 48 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.263/KOL/2012 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : A METHOD OF FACE DETECTION IN VIDEO IMAGES AND THE LIKE.

(51) International classification	:G06T 7/20F
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:33/KOL/2011
Filed on	:12/01/2011

(71)Name of Applicant :

1)VIDEONETICS TECHNOLOGY PRIVATE LIMITED

Address of Applicant :PLOT-5, BLOCK-BP, SALT LAKE,
KOLKATA-700091 West Bengal India

(72)Name of Inventor :

1)ACHARYA, TINKU

2)BHATTACHARYYA, DIPAK

3)BOSE, TUHIN

4)DALAL, TUTAI KUMAR

5)DAS, SAWAN

6)DHAR, SOUMYADEEP

7)MAITY, SOUMYADIP

(57) Abstract :

The present invention is directed to an efficient method to find regions in a video to capture faces of people in motion, limiting the search space using motion detection technique, control the computational requirement based on desired accuracy of capturing faces. The invention can be used to capture faces from real time video where the accuracy of the operation can be further controlled depending on the computational bandwidth available in the system.

No. of Pages : 46 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1223/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : POLISHING PAD WITH MULTI-MODAL DISTRIBUTION OF PORE DIAMETERS

(51) International classification	:B24B37/26,B24B37/24	(71)Name of Applicant :
(31) Priority Document No	:61/393,746	1)NEXPLANAR CORPORATION
(32) Priority Date	:15/10/2010	Address of Applicant :7175 NW EVERGREEN
(33) Name of priority country	:U.S.A.	PARKWAY,SUITE 200 HILLSBORO,OREGON 97124 U.S.A.
(86) International Application No	:PCT/US2011/055796	(72)Name of Inventor :
Filing Date	:11/10/2011	1)HUANG, PING
(87) International Publication No	:WO 2012/051197	2)SCOTT, DIANE
(61) Patent of Addition to Application	:NA	3)LACASSE, JAMES, P.
Number	:NA	4)ALLISON, WILLIAM ,C.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Polishing pads with multi-modal distributions of pore diameters are described. Methods of fabricating polishing pads with multi modal distributions of pore diameters are also described. In an example, a polishing pad for polishing a semiconductor substrate includes a homogeneous polishing body. The homogeneous polishing body includes a thermoset polyurethane material and a plurality of closed cell pores disposed in the thermoset polyurethane material. The plurality of closed cell pore has a multi modal distribution of diameters.

No. of Pages : 39 No. of Claims : 34

(54) Title of the invention : CUTTING INSERT WITH EVOLUTIVE WEDGE OR CLEARANCE ANGLE AND TOOLHOLDER USING SUCH A CUTTING INSERT

(51) International classification :B23B27/14,B23C5/20,B23C5/22
 (31) Priority Document No :10191799.5
 (32) Priority Date :19/11/2010
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2011/069675
 Filing Date :08/11/2011
 (87) International Publication No :WO 2012/065884
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)SECO TOOLS AB

Address of Applicant :S-737 82 FAGERSTA, SWEDEN

(72)Name of Inventor :

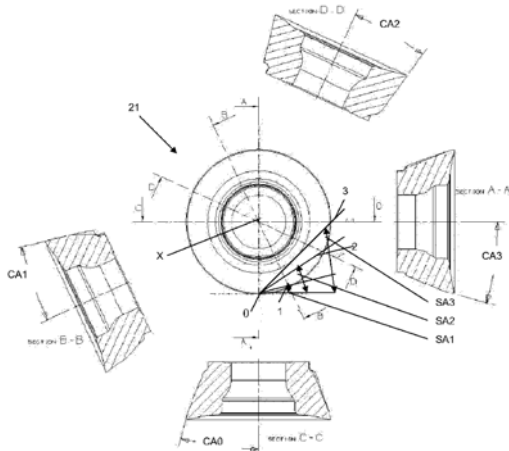
1)RIVI'RE, BERTRAND

2)AUZENAT, FRANCOIS

3)NORSTRÖM, THOMAS

(57) Abstract :

A circular cutting insert (21) includes a top surface (23) including a top edge portion (25) a side surface (27) including a clearance surface (29) and a clearance edge portion (31) and a cutting edge (33) between the clearance edge portion (31) and the top edge portion (25). The clearance edge portion (31) and the top edge portion (25) form a wedge angle (WA). The wedge angle (WA) varies as a function of circumferential position about a central axis (X) of the insert (21) relative to a point (0) on the cutting edge (33).



No. of Pages : 21 No. of Claims : 13

(54) Title of the invention : METHOD FOR PRODUCING ARTICLES OF PLANT ORIGIN IMPREGNATED WITH A LIQUID PLANT SUBSTANCE

(51) International classification	:C11B9/02,A23L1/30	(71)Name of Applicant :
(31) Priority Document No	:1058969	1)SCHWEITZER-MAUDUIT INTERNATIONAL,INC.
(32) Priority Date	:29/10/2010	Address of Applicant :100 NORTH POINT CENTER
(33) Name of priority country	:France	EAST,SUITE 600 ALPHARETTA,GEORGIA 30022 U.S.A.
(86) International Application No	:PCT/FR2011/052393	(72)Name of Inventor :
Filing Date	:13/10/2011	1)BERNARD MOMPON
(87) International Publication No	:WO 2012/056141	
(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 for producing articles impregnated with at least one plant substance from at least one plant, characterized in that it comprises the following steps: a) Extraction and/or pressing of at least one plant (V1), or at least one part of said plant, producing a liquid plant extract (E1) and a solid fibrous residue (R1), then b) Separation of said plant extract (E1) from said fibrous residue (R1), and c) Destructuring of said fibrous residue (R1), d) Production of a fibrous web or of an article made from the fibrous residue (R1) obtained in step c), and e) Impregnation of said fibrous residue (R1) with (i) at least said plant extract (E1), which is optionally concentrated, purified, flavored and/or fragranced, with (ii) at least one water-soluble or liposoluble plant substance isolated from said plant extract (E1), with (iii) at least one composition comprising at least one optionally concentrated, purified, flavored and/or fragranced water-soluble or liposoluble substance of said plant extract (E1), or with (iv) at least one plant extract (E2) or at least one composition comprising at least one optionally concentrated, purified, flavored and/or fragranced water-soluble or liposoluble substance of said plant extract (E2); resulting from an extraction or pressing of a plant (V2) different from said plant (V1).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.257/KOL/2012 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : A SYSTEM FOR MULTI CHANNEL JOIN-SPLIT MECHANISM ADAPTED FOR LOW AND /OR VARIABLE BANDWIDTH NETWORK LINK.

(51) International classification	:G06F 15/16
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:33/KOL/2011
Filed on	:12/01/2011

(71)Name of Applicant :

1)VIDEONETICS TECHNOLOGY PRIVATE LIMITED

Address of Applicant :PLOT-5, BLOCK-BP, SALT LAKE,
KOLKATA-700091 West Bengal India

(72)Name of Inventor :

1)ACHARYA, TINKU

2)BHATTACHARYYA, DIPAK

3)BOSE, TUHIN

4)DALAL, TUTAI KUMAR

5)DAS, SAWAN

6)DHAR, SOUMYADEEP

7)MAITY, SOUMYADIP

(57) Abstract :

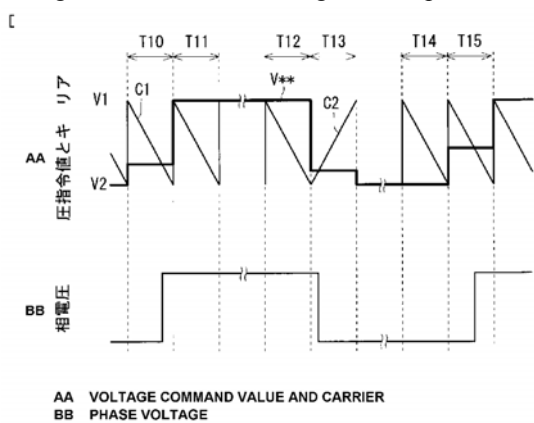
The present invention relates to a system for multi channel join-split mechanism adapted for low and/or variable bandwidth network link. In particular, the invention is directed to an on-line video transfer mechanism for multiple channels over IP network with low and variable network bandwidth, invariance to individual channel video format and bit rate, automatic learning and optimal utilization of available network bandwidth for transmitting video, avoiding inter-channel interference in the combined frames, embedding metadata information to extract the individual channel video at the receiver end.

No. of Pages : 44 No. of Claims : 6

(54) Title of the invention : POWER CONVERSION APPARATUS

(51) International classification	:H02M7/48,H02P27/06	(71)Name of Applicant :
(31) Priority Document No	:2010-255687	1)DAIKIN INDUSTRIES,LTD.
(32) Priority Date	:16/11/2010	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/JP2011/074647	SHI,OSAKA 530-8323,JAPAN
Filing Date	:26/10/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/066914	1)TAKESHI ASHIDA
(61) Patent of Addition to Application	:NA	2)HIROSHI HIBINO
Number	:NA	3)NAOTO KOBAYASHI
Filing Date	:NA	4)MICHIIHIRO NAKAGAWA
(62) Divisional to Application Number	:NA	5)NOBUKI KITANO
Filing Date	:NA	6)MASAKI KOUNO

(57) Abstract :
The present invention provides a power conversion apparatus that can reduce a number of switching times. A carrier generating unit applies a carrier (C1) that monotonically decreases to a switching control unit during either one of a first period (T10) that is a period immediately following a period in which a voltage command value (V) is a value not more than a minimum value of the carrier, the voltage command value taking a first predetermined value larger than the minimum value of the carrier in the first period, and a second period (T10) that is a period immediately preceding a period in which the voltage command value is not less than a maximum value of the carrier, the voltage command value taking a second predetermined value smaller than the maximum value in the second period, and applies a carrier (C2) that monotonically increases to the switching control unit during either one of a third period (T13) that is a period immediately following a period in which the voltage command value is a value not less than the maximum value, the voltage command value taking a third predetermined value smaller than the maximum value in the third period, and a fourth period (T13) that is a period immediately following a period in which the voltage command value is not more than the minimum value, the voltage command value taking a fourth predetermined value larger than the minimum value in the fourth period.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1193/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : AGITATOR BALL MILL

(51) International classification :B02C17/16,B02C17/18
(31) Priority Document No :10 2010 049 827.0
(32) Priority Date :27/10/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2011/001864
Filing Date :18/10/2011
(87) International Publication No :WO 2012/055388
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NETZSCH-FEINMAHLTECHNIK GMBH
Address of Applicant :SEDANSTRASSE 70, 95100
SELB,GERMANY
(72)**Name of Inventor :**
1)ENDERLE, UDO

(57) Abstract :

The agitator ball mill according to the invention for grinding dry or non-dry substances is provided with a grinding container. The grinding container is provided with an inlet for the material to be ground, a fluid inlet and a material outlet, wherein the outlet region is provided with a screen. Running in the centre or in the vicinity of the centre of the grinding container is an agitator shaft, on which a plurality of grinding elements are disposed. The grinding container is at least partially filled with auxiliary grinding bodies. A first cage is assigned to the inlet region of the agitator ball mill and a second cage to the outlet region.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/408/KOL A

(19) INDIA

(22) Date of filing of Application :16/10/2000

(43) Publication Date : 13/09/2013

(54) Title of the invention : BRISTLE PROCESS FOR ITS PRODUCTION AND IMPLEMENT HAVING SUCH A BRISTLE

(51) International classification	:A46D1/00
(31) Priority Document No	:19818345.3
(32) Priority Date	:24/04/1998
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP1999/02403
Filing Date	:09/04/1999
(87) International Publication No	:WO 1999/55195
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)PEDEX & CO GMBH
Address of Applicant :HAUPTSTRASSE 67, D-69483
WALD-MICHELBAACH Germany
(72)Name of Inventor :
1)WEIHRAUCH GEORG

(57) Abstract :

Bristle, comprising a core of a comparatively rigid, bending-elastic plastic and at least one layer of a rubberlike plastic, characterized in that the rubberlike layer (3) is a profiled and stamped layer against the core (2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.252/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :05/03/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : A METHOD AND APPARATUS FOR MEASURING RADIO-FREQUENCY ENERGY

(51) International classification	:H04B1/18	(71)Name of Applicant :
(31) Priority Document No	:13/415,555	1)RICOH COMPANY, LTD.
(32) Priority Date	:08/03/2012	Address of Applicant :3-6, NAKAMAGOME 1-CHOME,
(33) Name of priority country	:U.S.A.	OHTA-KU, TOKYO 143-8555, JAPAN
(86) International Application No	:NA	2)DUKE UNIVERSITY
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GUDAN KEN
(61) Patent of Addition to Application Number	:NA	2)CHEMISHKIAN SERGEY
Filing Date	:NA	3)REYNOLDS MATTHEW S.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and apparatus is disclosed herein for measuring radio-frequency energy. In one embodiment, the apparatus comprises one or more antennas, a wideband radio frequency detector (e.g., a logarithmic amplifier (LogAmp)) coupled to the one or more antennas to measure ambient RF energy, wherein the wideband radio frequency detector has an analog output indicative of RF input power received by the one or more antennas, and an analog-to- digital converter coupled to the wideband radio frequency detector to convert the analog output to a digital value, the digital value being applied to a calibration function, to provide a number representing RF energy.

No. of Pages : 36 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : PRODUCTION OF ACETIC ACID WITH AN INCREASED PRODUCTION RATE

(51) International classification :C07C51/12,C07C51/44,C07C53/08

(31) Priority Document No :12/950,520

(32) Priority Date :19/11/2010

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

(86) International Application No. :PCT/US2011/061316
 Date of International Filing :18/11/2011

Filing Date :18/11/2011

(87) International Publication No. : WO 2012/068429

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

Filing Date :NA

(62) Divisional to Application: NA
Number NA

Filing Date :NA

(71)Name of Applicant :

1) CELANESE INTERNATIONAL CORPORATION

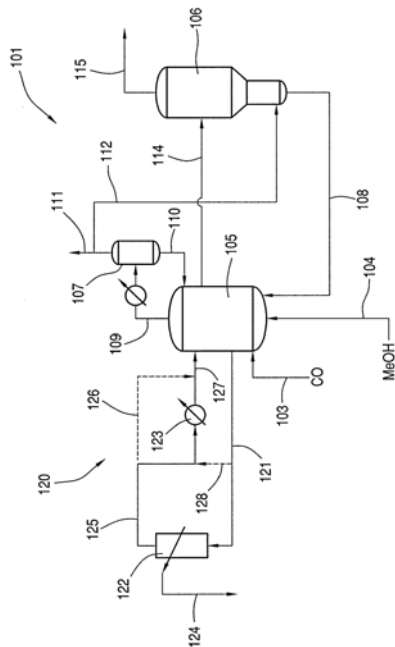
Address of Applicant :1601 WEST LBJ FREEWAY
DALLAS, TX 75234 U.S.A

(72)Name of Inventor :

1)ZINOBILE, RAYMOND

(57) Abstract :

A method for producing acetic acid at increased production rates. The method may include a heat transfer system for generating a steam product from the heat of the reaction. In addition, the method may include multiple drying columns. The steam product may be integrated with at least one of the multiple drying columns.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1147/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : ELECTRODE FOR ELECTROLYTIC CELL

(51) International classification	:C25B11/04
(31) Priority Document No	:MI2010A002354
(32) Priority Date	:22/12/2010
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2011/073605
Filing Date	:21/12/2011
(87) International Publication No	:WO 2012/085095
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INDUSTRIE DE NORA S.p.A.
Address of Applicant :Via Bistolfi, 35, I-20134 Milan, ITALY
(72)**Name of Inventor :**
1)URGEGHE, Christian
2)ANTOZZI, Antonio Lorenzo

(57) Abstract :

The invention relates to an electrode for evolution of gaseous products in electrolysis cells comprising a metal substrate coated with at least two catalytic compositions, the outermost catalytic composition being deposited by means of chemical or physical phase vapour deposition technique and having a composition comprising noble metals selected from the group of platinum group metals or oxides thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1148/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : VENDING MACHINE, PARTICULARLY FOR COLD DRINKS

(51) International classification :B67D1/00
(31) Priority Document No :BO 2010 A 000573
(32) Priority Date :24/09/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2011/066041
Filing Date :15/09/2011
(87) International Publication No :WO 2012/038324
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CASADIO PRATI Gian Luca
Address of Applicant :Via Punta, 46, I-40026 Imola, ITALY
2)CASADIO PRATI Gian Marco
(72)Name of Inventor :
1)CASADIO PRATI Gian Luca
2)CASADIO PRATI Gian Marco

(57) Abstract :

A vending machine, particularly for cold drinks, comprising at least one main water tank (3), at least one storage compartment (4) for at least one water-soluble preparation and at least one apparatus (5) for mixing the preparation in water, to provide a beverage, obtained by mixing the preparation in the water, which can be dispensed to the exterior.

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

(54) Title of the invention : INJECTION STRETCH BLOW MOLDING DEVICE AND MOLDED PART HEATING DEVICE

(51) International classification :B29C49/06,B29C49/68,B29L22/00
 (31) Priority Document No :2010-238199
 (32) Priority Date :25/10/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/074273
 Filing Date :21/10/2011
 (87) International Publication No :WO 2012/057016
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)NISSEI ASB MACHINE CO., LTD.

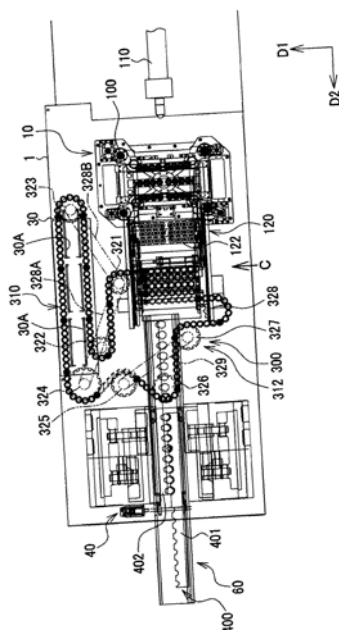
Address of Applicant :4586-3, Koo, Komoro-shi, Nagano 384-8585 JAPAN

(72)Name of Inventor :

1) Masaki YAMAGUCHI,**2)ANDO Masatoshi****3)OGIHARA Shuichi**

(57) Abstract :

Provided is an injection stretch blow molding device wherein differences among the molding temperatures in (n) number of batches of blow molding operations are reduced when the number (N) simultaneously injection molded is blow molded by (M) ((M) = (N)/(n)) in the (n) number of batches in 1.5 stage process having both advantages of 1 stage process and 2 stage process. There is disclosed an injection stretch blow molding device having: an injection molding unit (10) which injection molds (N) (N is an integer of two or more) number of preforms; a cooling unit (20) which forcibly cools the (N) number of preforms carried out of the injection molding unit; a heating unit (30) which continuously carries and heats the (N) number of cooled preforms; and a blow molding unit (40) which divides the (N) number of heated preforms in (n) (n is an integer of two or more) number of batches to stretch blow mold (M) ((M) = (N)/(n): (M) is a natural number) number of preforms in (M) number of containers at a time.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1212/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : CONSTRUCTION BLOCK

(51) International classification :E04B2/02,E01C5/00,E01C1/00
(31) Priority Document No :2010904412
(32) Priority Date :01/10/2010
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2011/001256
Filing Date :30/09/2011
(87) International Publication No :WO 2012/040789
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TETRALOC PTY LTD
Address of Applicant :8/182 LOFTUS ST, NORTH
PERTH, WESTERN AUSTRALIA 6006, AUSTRALIA
(72)Name of Inventor :
1)YONG,DAVID HSIEN TA
2)KHOR, HAN CHUAN
3)DYSKIN,ARCADY VICTOROVICH
4)PASTEMAK, ELENA
5)ESTRIN, JURI SACHAROWITSCH

(57) Abstract :

An interlocking construction block has opposed ends each having a plurality of substantially planar bearing surfaces. The planar surfaces include perpendicular surfaces joined by surfaces at obtuse angles. The block is arranged to be complementary to other blocks in several different configurations.

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1213/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : FOUNTAIN SOLUTIONS FOR OFFSET LITHOGRAPHIC PRINTING INKS

(51) International classification	:B41N3/08
(31) Priority Document No	:61/408,772
(32) Priority Date	:01/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/058763
Filing Date	:01/11/2011
(87) International Publication No	:WO 2012/061370
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SUN CHEMICAL CORPORATION
Address of Applicant :35 WATERVIEW BOULEVARD,
PARSIPPANY, NJ 07054, U.S.A.
(72)**Name of Inventor :**
1)KRISHNAN, RAMASAMY
2)JONES, JEFF
3)NEWTON, JEFF
4)HENDERSON, DONALD C.

(57) Abstract :

A fountain solution for offset lithographic printing ink includes water, one or more surfactants, and a dynamic surface tension of less than 30 dynes/cm. The fountain solution can further include an interfacial tension between the fountain solution and the offset lithographic printing ink of less than 10 dynes/cm. The press waste of a print run applying the fountain solution is reduced to less than 5%. An offset lithographic printing system includes a fountain solution and an offset lithographic printing ink, and the press waste of the offset lithographic printing system is less than 5%.

No. of Pages : 37 No. of Claims : 74

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1207/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : ESTERAMINES AND DERIVATIVES FROM NATURAL OIL METATHESIS

(51) International classification :C07C229/00
(31) Priority Document No :61/406,570
(32) Priority Date :25/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/057596
Filing Date :25/10/2011
(87) International Publication No :WO 2012/061093
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)STEPAN COMPANY

Address of Applicant :22 W. FRONTAGE ROAD,
NORTHFIELD, IL 60093 U.S.A.

(72)Name of Inventor :

1)ALLEN,DAVE,R.

2)BERNHARDT, RANDAL, J.

3)BROWN, AARON

4)DAMESHEK, ANATOLIY A.

5)HOLLAND, BRIAN

6)MALEC, ANDREW, D.

7)MASTERS, RONALD, A.

8)NEPRAS,MARSHALL, J.

9)SKELTON, PATTI

10)WHITLOCK, LAURA LEE

11)WOLFE,PATRICK SHANE

(57) Abstract :

Esteramine compositions and their derivatives are disclosed. The esteramines comprise a reaction product of a metathesis-derived C10-C17 monounsaturated acid, octadecene-1,18-dioic acid, or their ester derivatives with a tertiary alkanolamine. Derivatives made by quaternizing, sulfonating, alkoxylating, sulfating, and/or sulfitating the esteramines are also disclosed. In one aspect, the ester derivative of the C10-C17 monounsaturated acid or octadecene-1,18- dioic acid is a lower alkyl ester. In other aspects, the ester derivative is a modified triglyceride made by self-metathesis of a natural oil or an unsaturated triglyceride made by cross metathesis of a natural oil with an olefin. The esteramines and derivatives are valuable for a wide variety of end uses, including cleaners, fabric treatment, hair conditioning, personal care (liquid cleansing products, conditioning bars, oral care products), antimicrobial compositions, agricultural uses, and oil field applications.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1208/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : AQUEOUS POLYURETHANE RESIN COMPOSITION FOR FLAME RETARDANT COATED MATERIALS AND COATED PRODUCTS OBTAINED BY APPLYING SAID COMPOSITION

(51) International classification :C09D175/04
(31) Priority Document No :2010-217220
(32) Priority Date :28/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/004634
Filing Date :19/08/2011
(87) International Publication No :WO 2012/042732
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)ADEKA CORPORATION

Address of Applicant :2-35, HIGASHIOGU 7-CHOME,
ARAKAWA-KU, TOKYO 1160012,JAPAN

(72)Name of Inventor :

1)FUJITA, NAOHIRO

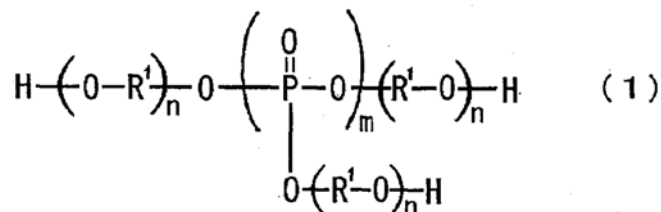
2)SHIMAMURA, NOBUYUKI

3)KONDO Ryuta

4)NISHIMURA Makoto

(57) Abstract :

The present invention is an aqueous polyurethane resin composition for a flame retardant coated material comprised of an aqueous dispersion of a polyurethane resin obtained by extending, a chain of an urethane prepolymer in an aqueous dispersion. The aqueous dispersion of the urethane prepolymer is obtained by reacting (a) a polyisocyanate component with (b) a polyol component which contains a phosphorus-containing polyol compound represented by the following general formula (1) as an essential component then dispersed the obtained prepolymer in the water, wherein a unit corresponding to the compound represented by the said general formula (1) is contained so that the phosphorus content in the urethane resin solid is 0.3 to 5.0 mass percent; R1 in the formula (1) represents an alkylene group having 2 to 4 carbon atoms, and m and n represent a number from 1 to 10.



No. of Pages : 52 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1195/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : LIGHT-DUTY LIQUID DETERGENTS BASED ON COMPOSITIONS DERIVED FROM NATURAL OIL METATHESIS

(51) International classification	:C11D3/32
(31) Priority Document No	:61/406,556
(32) Priority Date	:25/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/057626
Filing Date	:25/10/2011
(87) International Publication No	:WO 2012/061110
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)STEPAN COMPANY
Address of Applicant :22 W. FRONTAGE ROAD,
NORTHFIELD, IL 60093 U.S.A.
(72)**Name of Inventor :**
1)ALLEN,DAVE,R.
2)BERNHARDT,RANDAL, J.
3)DILLAVOU SCOTT
4)WOLFE,PATRICK,SHANE

(57) Abstract :

Light-duty liquid detergents derived from metathesized natural oil feedstocks are disclosed. The detergents comprise water, at least one anionic surfactant, and at least one secondary surfactant derived from a metathesis-derived C10-C17 monounsaturated acid or its ester derivatives. In particular, the secondary surfactant is selected from C10 amidoamines, quaternized C10 or C12 amidoamines, C12 amidoamine oxides, C12 sulfobetaines, C12 amidoamine sulfobetaines and C alkanolamides. The detergents noted above rival or outperform commercial baselines in standard foam tests for liquid detergents, particularly those used for dishwashing.

No. of Pages : 40 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1196/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : LAUNDRY DETERGENTS BASED ON COMPOSITIONS DERIVED FROM NATURAL OIL METATHESIS

(51) International classification	:C11D3/32
(31) Priority Document No	:61/406,570
(32) Priority Date	:25/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/057622
Filing Date	:25/10/2011
(87) International Publication No	:WO 2012/061108
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)STEPAN COMPANY
Address of Applicant :22 W. FRONTAGE ROAD,
NORTHFIELD,IL 60093 U.S.A.
(72)**Name of Inventor :**
1)ALLEN,DAVE,R.
2)ALONSO, MARCOS
3)BERNHARDT, RANDAL, J.
4)MURPHY, DENNIS, S.
5)WOLFE, PATRICK, SHANE
6)BROWN, AARON

(57) Abstract :

Laundry detergents useful for cold-water cleaning and boosted bargain detergents are disclosed. The detergents include a surfactant composition derived from a metathesis-derived C10-C17 monounsaturated acid, octadecene-1 18- dioic acid, or their ester derivatives. For fatty alkyl ester sulfonate-containing detergents, the composition is selected from C10 betaines, C12 or C16 amidoamines, C12 ethanolamine amides, C16 amidoamine sulfonates, C18 diamidoamine dioxides, quaternized C18 diamidoamine betaines, sulfonated C18 low-EO fatty ester alkoxylates, C18 amidoamine carboxylates, and amidoamine oxides and sulfobetaines derived from cross, metathesis of palm or soybean oil. The bargain detergents include a performance booster selected from C12 low-EO fatty ester alkoxylate sulfonates, C18 amidoamine oxide esters, C18 amidoamine oxide carboxylates, and amidoamine sulfobetaines made from self metathesized palm or soybean oil.

No. of Pages : 53 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.260/KOL/2012 A

(19) INDIA

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

(43) Publication Date : 13/09/2013

(54) Title of the invention : A METHOD FOR COST-EFFECTIVE AND EFFICIENT BANDWIDTH ADAPTIVE TRANSFERRING /RECORDING SENSORY DATA FROM SINGLE OR MULTIPLE DATA SOURCES TO NETWORK ACCESSIBLE STORAGE DEVICES.

(51) International classification	:G06F 15/16
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:33/KOL/2011
Filed on	:12/01/2011

(71)Name of Applicant :

1)VIDEONETICS TECHNOLOGY PRIVATE LIMITED

Address of Applicant :PLOT-5, BLOCK-BP, SALT LAKE,
KOLKATA-700091 West Bengal India

(72)Name of Inventor :

1)ACHARYA, TINKU

2)BHATTACHARYYA, DIPAK

3)BOSE, TUHIN

4)DALAL, TUTAI KUMAR

5)DAS, SAWAN

6)DHAR, SOUMYADEEP

7)MAITY, SOUMYADIP

(57) Abstract :

A method is disclosed for cost-effective and efficient bandwidth adaptive transferring /recording sensory data from single or multiple data sources to network accessible storage devices. More particularly, the invention is directed to a fault tolerant and efficient method for recording sensory data including video as received from a single or multiple number of data sources like Cameras to network accessible storage devices, estimation of optimal required bandwidth for individual data channels taking into consideration the data download speed from data source to server along with the availability of network bandwidth at any given point of time, efficient network bandwidth sharing amongst the data channels for uploading data to storage devices over network.

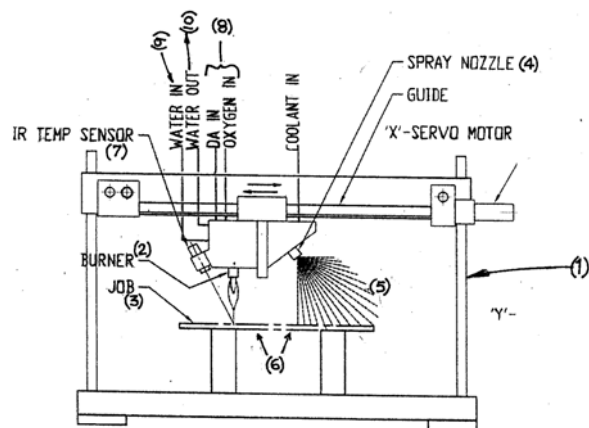
No. of Pages : 44 No. of Claims : 4

(54) Title of the invention : A PROCESS TO PRODUCE TAILORED MICROSTRUCTURE BLANK FOR AUTOMOTIVE COMPONENT TO GENERATE LOCALIZED STRENGTH AND FORMABILITY IN AUTOMOTIVE GRADE STEEL

(51) International classification	:B32B015/00	(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, INDIA Jharkhand India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. BADIRUJJAMAN SYED
(61) Patent of Addition to Application Number	:NA	2)DR. SAURABH KUNDU
Filing Date	:NA	3)DR. RAHUL K. VERMA
(62) Divisional to Application Number	:NA	4)MR. ARIJIT LODH
Filing Date	:NA	5)DR. ARUNANSU HALDAR

(57) Abstract :

The present invention is provided with a process to produce tailored microstructure blank to enhance localized strength and formability in commercially automotive grade steel comprises the steps of, flame heating the steel in a definite area from a burner nozzle; and measuring the temperature of steel with an infrared temperature measuring unit attached with the burner head; and cooling the heated area of steel by water spraying having synchronized with the burner bead; The device to produce tailored microstructure blank as claimed in claim 1 comprises a rectangular shaped frame having a guide rod disposed on the top of the frame; and a movable dual attachment of a burner nozzle and a spray nozzle, slideable on a guide rod means of a servo motor; and a table is provided on which the steel is place for heating disposed be health the burner nozzle; and an infrared temperature measuring unit attached with the burner nozzle.



No. of Pages : 28 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/03/2012

(21) Application No.589/KOLNP/2012 A

(43) Publication Date : 13/09/2013

(54) Title of the invention : FUSION PROTEINS

(51) International classification :C12N 15/70
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :5151/KOLNP/2008
Filed on :17/12/2008
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SYNTAXIN LIMITED

Address of Applicant :UNITS 4-10, THE QUADRANT,
BARTON LANE, ABINGDON, OXON OX14 3YS U.K.

2)ALLERGAN, INC.

(72)Name of Inventor :

1)FOSTER, KEITH

2)CHADDOCK, JOHN

3)MARKS, PHILIP

4)STANCOMBE, PATRICK

5)AOKI, K., ROGER

6)FRANCIS, JOSEPH

7)STEWARD, LANCE

(57) Abstract :

A single chain, polypeptide fusion protein, comprising: a non-cytotoxic protease, or a fragment thereof, which protease or protease fragment is capable of cleaving a protein of the exocytic fusion apparatus of a nociceptive sensory afferent; a Targeting Moiety that is capable of binding to a Binding Site on the nociceptive sensory afferent, which Binding Site is capable of undergoing endocytosis to be incorporated into an endosome within the nociceptive sensory afferent; a protease cleavage site at which site the fusion protein is cleavable by a protease, wherein the protease cleavage site is located between the non-cytotoxic protease or fragment thereof and the Targeting Moiety; and a translocation domain that is capable of translocating the protease or protease fragment from within an endosome, across the endosomal membrane and into the cytosol of the nociceptive sensory afferent; wherein the Targeting Moiety is selected from the group consisting of BAM, β -endorphin, bradykinin, substance P, dynorphin and/or nociceptin. Nucleic acid sequences encoding the polypeptide fusion proteins, methods of preparing same and uses thereof are also described.

No. of Pages : 175 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1184/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 13/09/2013

(54) Title of the invention : TUBE LAMINATE FILM HAVING AT LEAST ONE ORIENTED BARRIER LAYER AND TUBE PACKAGING FORMED AT LEAST PARTIALLY FROM SAID TUBE LAMINATE FILM

(51) International classification :B32B1/02,B32B1/08,B32B27/08
(31) Priority Document No :10 2010 042 342.4
(32) Priority Date :12/10/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/067769
Filing Date :12/10/2011
(87) International Publication No :WO 2012/049195
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)HUHTAMAKI FLEXIBLE PACKAGING GERMANY GMBH & CO. KG.
Address of Applicant :HEINRICH-NICOLAUS-STR. 6 87671 RONSBERG/ALLGÄU GERMANY
(72)Name of Inventor :
1)SCHNEIDER, ARNOLD
2)MARZ, MANFRED
3)HOLZMÜLLER, ARNO

(57) Abstract :

Tube laminate film (22) for the production of a tube packaging having at least one plastics layer (36, 38) and also at least one barrier layer (30) is characterised in that the barrier layer (30) is an oriented barrier layer (30).

No. of Pages : 16 No. of Claims : 13

(54) Title of the invention : BRAKE LINING FOR A DISK BRAKE

(51) International classification :F16D65/092
 (31) Priority Document No :10 2010 050 103.4
 (32) Priority Date :29/10/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/068748
 Filing Date :26/10/2011
 (87) International Publication No :WO 2012/055912
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

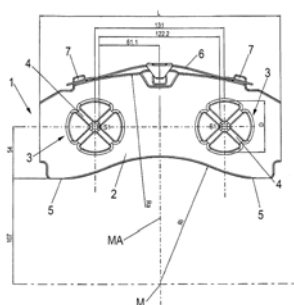
(71)Name of Applicant :
1)KNORR-BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH

Address of Applicant :MOOSACHER STR. 80, 80809 MÜNCHEN,GERMANY

(72)Name of Inventor :
1)CAMILO-MARTINEZ, JOSÉ
2)BAUMGARTNER, JOHANN
3)PAHLE, WOLFGANG

(57) Abstract :

The invention relates to a brake lining for a disk brake which can be installed into a wheel that has a size of 22.5, comprising a ring segment-shaped lining support plate (2) which supports a friction lining, the inner radius Ri of which merges with straight bearing surfaces (5) on both sides, and which has two molded-on pressure pieces (3) that are arranged in a mutually spaced manner on the lining support plate rear face that faces away from the friction lining. The brake lining is designed such that the length (L) of the lining support plate (2) is 245 - 250 mm, the inner radius (Ri) is 115 - 135 mm, and the outer radius (Ra) of the lining support plate (2) is 205 - 220 mm.



Merkmal	22.5" (mm)	19.5" (mm)
L	245 - 250	205 - 220
Ra	205 - 220	185 - 200
Ri	115 - 135	100 - 125
D	55 - 70	55 - 70

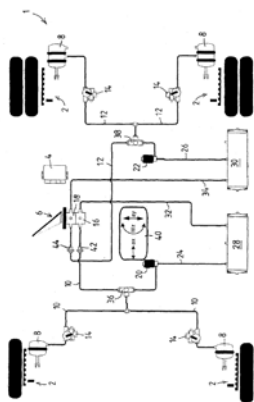
No. of Pages : 14 No. of Claims : 10

(54) Title of the invention : PRESSURE-MEDIUM-ACTIVATED BRAKE DEVICE OF A VEHICLE HAVING CONTROL ROUTINES IMPLEMENTED IN A BRAKE CONTROLLER UNIT, OF A HILL START ASSISTANT FUNCTION OR CREEP SUPPRESSION FUNCTION

(51) International classification :B60T7/04,B60T7/08,B60T7/12	(71)Name of Applicant :
(31) Priority Document No :10 2010 050 101.8	1)KNORR-BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH
(32) Priority Date :29/10/2010	Address of Applicant :MOOSACHER STR. 80, 80809 MÜNCHEN,GERMANY
(33) Name of priority country :Germany	(72)Name of Inventor :
(86) International Application No :PCT/EP2011/068746	1)SCHÄFERS, ANDREAS
Filing Date :26/10/2011	2)MUSTAPHA, ADNAN
(87) International Publication No :WO 2012/055911	
(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 pressure-medium-activated brake device (1) of a vehicle without a brake pressure control means but with a brake slip control system (ABS) for controlling the brake slip independently of the driver during a braking process and traction control system (TCS) for controlling the drive slip independently of the driver during an acceleration process, wherein, in the scope of the brake slip control system (ABS) at least one ABS pressure control valve (14), controlled by a brake controller (4), for increasing pressure, holding pressure and reducing the pressure in the assigned brake cylinder (8) is connected into pressure lines (10, 12) running between a service brake valve (6) and at least one brake cylinder (8), and in the scope of the traction control system at least one TCS valve (20, 22) which is controlled by the brake controller (4) is provided for establishing a compressed air connection between a pressure medium reservoir (28, 30) and the at least one ABS pressure control valve (14), and having a hill start assistant function and/or creep suppression function which is controlled by means of control routines, in the scope of which the brake pressure generated by the driver in the scope of a preceding braking operation is held in at least a number of brake cylinders (8) of the vehicle when the stationary state of the vehicle is detected on an incline or when creep of the vehicle is detected in the at least one brake cylinder (8), without the driver having to continue to activate the brake. The invention provides for all the control routines of the hill start assistant and/or creep suppression function to be implemented in the brake controller (4), and for the brake controller (4) to be designed in such a way that it exclusively actuates the at least one ABS pressure control valve (14) and the at least one TCS valve (20, 22) in order to implement the hill start assistant function and/or creep suppression function.



No. of Pages : 22 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.249/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 13/09/2013

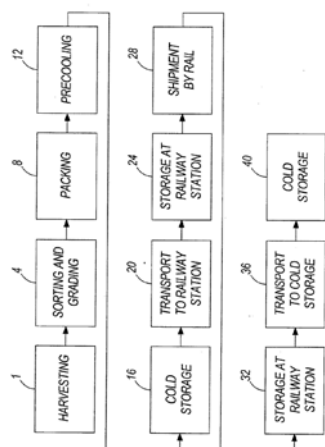
(54) Title of the invention : REFRIGERATED RAIL CONTAINER

(51) International classification :B65D88/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)THERMO KING CORPORATION
Address of Applicant :314 WEST 90TH STREET,
MINNEAPOLIS, MINNESOTA U.S.A.
(72)Name of Inventor :
1)TRIVEDI VIDHEY V.
2)MITTAKOLA VENKANNA
3)MURTHY MAHESH S.

(57) Abstract :

A refrigerated container including a box section that defines an interior arranged to receive a product, and a refrigeration system in fluid communication with the interior. The refrigeration system includes a compressor, a condenser, an expansion device, an evaporator, and a power system. The power system selectively receives a direct current electrical source and an alternating current electrical source and operates the refrigeration system using the received electrical source. The refrigerated container is manually maneuverable.



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

(54) Title of the invention : AN INTELLIGENT AND UNIFIED METHOD OF MULTIPLE COMPONENT COLOUR OBJECT ANALYSIS IN A SCENE FAVOURING SCENE ANALYTIC APPLICATIONS.

(51) International classification :G06F 15/16
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :33/KOL/2011
 Filed on :12/01/2011

(71)Name of Applicant :

1)VIDEONETICS TECHNOLOGY PRIVATE LIMITED

Address of Applicant :PLOT-5, BLOCK-BP, SALT LAKE, KOLKATA-700091 West Bengal India

(72)Name of Inventor :

1)ACHARYA, TINKU

2)BHATTACHARYYA, DIPAK

3)BOSE, TUHIN

4)DALAL, TUTAI KUMAR

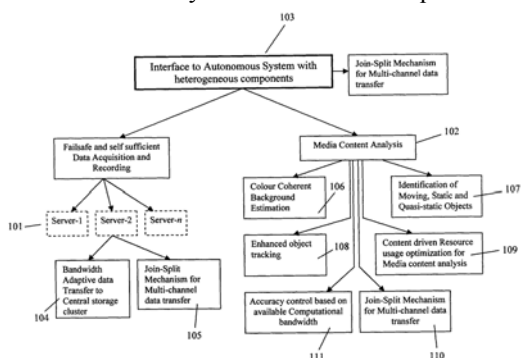
5)DAS, SAWAN

6)DHAR, SOUMYADEEP

7)MAITY, SOUMYADIP

(57) Abstract :

There is disclosed a process and an intelligent unified framework for colour object analysis in a scene in order to develop efficient video analytics applications and other intelligent machine vision technologies. The advancement is directed to provide an intelligent and adaptive framework for improved colour object detection method which can eliminate the defects encountered in the presently available techniques of colour object detection irrespective of any video noises like shadow, glare, colour changes due to varying illumination, and effect of lighting condition on colour appearance, electronics generated induced noises (e.g. shot noise, but not limited to) and other type of noises sensitive to human vision system. Advantageously, object analysis technique is also capable of detecting and characterizing static objects along side with colour moving objects in the same scene by an advanced unified framework based on multi-layer estimation technique.



No. of Pages : 64 No. of Claims : 16

PUBLICATION U/S 60 IN RESPECT OF RESTORED PATENTS (DELHI)

Notice is hereby given that application of under mentioned patents have been allowed and said patents are restored.

PATENT NO.	APPLICANTS	TITLE	DATE OF PUBLICATION IN JOURNAL	APPROPRIATE OFFICE
235355	KEWAL KRISHAN ANAND	A TOOL USED FOR OPENING AND CLOSURE OF LOCK USED IN A CHAIN	15-06-2012	Delhi
218186	INDIAN INSTITUTE OF TECHNOLOGY	A DEVICE FOR PREVENTING HACKING OF DIGITAL INFORMATION	15-06-2012	Delhi
192805	DE LA RUE GIORI S.A.	A SUCTION ROLLER	15-06-2012	Delhi
189694	DE LA RUE GIORI S. A.	A DEVICE AND A PROCESS FOR MAKING NOTES (WB) FROM SHEETS OF NOTES HAVING A FIXED NUMBER N OF NOTE PRINTS ARRANGED ON EACH SHEET IN TRANSVERSAL ROWS AND LONGITUDINAL ROWS	15-06-2012	Delhi
193326	DE LA RUE GIORI S.A.	AN ENDLESS BAND AND METHOD AND BANDING APPARATUS FOR BANDING WITH THIS ENDLESS BAND	15-06-2012	Delhi
210794	MICROSOFT CORPORATION, a Corporation of the State of Washington(U.S.A.)	A METHOD OF PROVIDING A MOBLLE COMPUTING UNIT WITH PRIVILEGED ACCESS TO A COMPUTING RESOURCE	15-06-2012	Delhi
213370	THE CHIEF CONTROLLER RESEARCH & DEVELOPMENT, MINISTRY OF DEFENCE, GOVERNMENT OF INDIA(India)	AN IMPROVED PROCESS FOR PREPARATION OF OPTICAL WINDOW GRADE ZINC SULPHIDE	15-06-2012	Delhi
221334	FLAMEL TECHNOLOGIES	MICROCAPULES OF RESERVOIR KIND CONTAINING AT LEAT ONE MEDICINAL AND NUTRITIONAL ACTIVE PRINCIPLE (AP)	15-06-2012	Delhi
197234	RATAN JINDAL (MANAGING DIRECTOR) JINDAL STRIPS LIMITED	PROCESS FOR THE PREPARATION OF IMPROVED GRADES OF STAINLESS STEEL.	15-06-2012	Delhi
232367	INNOVENE USA LLC.(U.S.A.)	A PROCESS FOR THE PRODUCTION OF 1, 4-BUTANEDIOL	15-06-2012	Delhi
243348	1 :- COLIN REGAN(Canada) 2 :- JOHANN HOFFMANN	APPARATUS AND METHOD FOR GENERATING POWER FROM MOVING WATER	15-06-2012	Delhi

185885	THE CHIEF CONTROLLER RESEARCH AND DEVELOPMENT ORGANISATION MINISTRY OF DEFENCE GOVERNMENT OF INDIA AN INDIAN NATIONAL(India)	A PROCESS FOR THE MANUFACTURE OF WORK PIECE HAVING IMPROVING FATIGUE CRACK GROWTH RESISTANCE	15-06-2012	Delhi
244914	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)(Sweden)	METHOD FOR COMMUNICATION BETWEEN NODES IN A MULTI-CARRIER SYSTEM AND NODES THEREOF	15-06-2012	Delhi
240418	DELL PRODUCTS L.P(U.S.A.)	SYSTEM AND METHOD FOR ADAPTIVE INFORMATION HANDLING SYSTEM COOLING PROFILES	15-06-2012	Delhi
220141	CHAWLA SURESH(India)	AN IMPROVED PROCESS (EXTRA LIGHT MASS TRANSIT SYSTEM)	15-06-2012	Delhi
190972	PANACEA BIOTEC LIMITED(India)	PROCESS FOR THE PREPARATION OF FAST MOUTH DISSOLVING TABLETS OF PHARMACEUTICAL COMPOSITION CONTAINING NIMESULIDE	15-06-2012	Delhi
236301	THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES(U.S.A.)	FULL-LENGTH INFECTIOUS cDNA CLONES OF TICK BORNE FLAVIVIRUS	15-06-2012	Delhi
234511	INDENA S.P.A.(Italy)	A PROCESS FOR THE PREPARATION OF THE COMPOUND 13-(N-BOSC- β -ISOBUTYLISOSERINYL)- 14 β -HYDROXYBACCATINE III 1,14-CARBONATE	15-06-2012	Delhi
217699	INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA)(France)	"A NUTRITIONAL COMPOSITION FOR PREVENTING DISORDERS LINKED TO AN IMBALANCE IN THE RELATIONSHIP BETWEEN BONE FORMATION AND BONE RESORPTION	31-08-2012	DELHI
241543	FRESHWATER ENVIRONMENTAL MANAGEMENT PTY LTD.(Australia)	AN AQUATIC HARVESTER FOR AN AQUATIC CRAFT	31-08-2012	DELHI
246542	UOP LLC(U.S.A.)	A METHOD TO PRODUCE LUBE BASESTOCK	31-08-2012	DELHI

214857	BHARAT HEAVY ELECTRICALS LIMITED,(India)	A DEVICE FOR REDUCTION OF WEAR IN BENDS CARRYING PARTICULATE FLOW.	31-08-2012	DELHI
193561	BHARAT HEAVY ELECTRICALS LIMITED(India)	A FIRE EXTINGUISHING SYSTEM FOR GAS BLOW-OUTS	31-08-2012	DELHI
218101	BHARAT HEAVY ELECTRICALS LIMITED (India)	A METHOD OF BRAZING OF FLATTENED FORMED TUBES WITH A SHEET SUBSTRATE IN HEAT EXCHANGER PANELS	31-08-2012	DELHI
247434	CERATIZIT AUSTRIA GESELLSCHAFT m.b.H.(Austria)	METHOD FOR PRODUCING A HARD METAL PROJECTION	31-08-2012	DELHI
232399	LG ELECTRONICS INC.(Republic of Korea	STRUCTURE OF DRIVING UNIT IN DRUM TYPE WASHING MACHINE	30-11-2012	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.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	257146	641/DEL/2003	30/04/2003	13/05/2002	REDUCED PEAK SIMULCAST SIGNAL GENERATOR FOR A DIGITAL BROADCAST SIGNAL AND A METHOD THEREOF	SONY INTERNATIONAL (EUROPE) GMBH	04/01/2008	DELHI
2	257147	1582/DELNP/2007	09/09/2005	10/09/2004	A WIRELESS TRANSMIT/RECEIVE UNIT (WTRU) ADAPTED FOR FACILITATING MULTIPLE NETWORK TYPE COMPATIBILITY	INTERDIGITAL TECHNOLOGY CORPORATION	03/08/2007	DELHI
3	257150	2793/DEL/2006	26/12/2006		A PRIMER SET AND A PROCESS FOR THE DETECTION OF L3 LARVAL STAGE OF WUCHERERIA BANCROFTI	INDIAN COUNCIL OF MEDICAL RESEARCH	01/08/2008	DELHI
4	257151	4701/DELNP/2005	21/04/2004	25/04/2003	MEMBRANE STRIP BIOSENSOR SYSTEM FOR POINT-OF-CARE TESTING	BIODIGIT LABORATORIES CORP.	17/08/2007	DELHI
5	257152	4323/DELNP/2006	28/01/2005	30/01/2004	SULFONATED ALIPHATIC-AROMATIC COPOLYESTERS,	E.I. DU PONT DE NEMOURS AND COMPANY	27/04/2007	DELHI
6	257154	871/DEL/2007	20/04/2007 12:46:13	21/04/2006	AN ORAL INFRARED ELECTRONIC THERMOMETER	COVIDIEN AG	02/11/2007	DELHI
7	257156	3180/DELNP/2004	17/04/2003	22/04/2002	A DEVICE AND VIDEO PROCESSING SYSTEM CONTROLLABLE A FIRST TYPE OF USER COMMANDS AND A METHOD THEREOF	M/S. THOMSON LICENSING S.A.	24/10/2008	DELHI
8	257157	1527/DEL/2007	19/07/2007	28/07/2006	A MANIFOLD ADAPTOR PLATE COMPRISING A RIGID PLATE	EMD MILLIPORE CORPORATION	15/02/2008	DELHI
9	257162	4879/DELNP/2006	20/12/2004	03/03/2004	COMPOSITE GRINDING ROLLER	MAGOTTEAUX INTERNATIONAL S.A.	10/08/2007	DELHI
10	257165	5465/DELNP/2006	14/01/2005	25/03/2004	SELF-VENTILATED, ERGONOMIC FOOTWEAR AND SOLE	CALZADOS HERGAR, S.A.	03/08/2007	DELHI

11	257166	4213/DELNP/2007	17/11/2005	14/12/2004	A METHOD FOR PROTECTING THE FAILURE OF A BORDER ROUTER BETWEEN TWO DOMAINS IN A COMPUTER NETWORK	CISCO TECHNOLOGY, INC.	31/08/2007	DELHI
12	257167	5091/DELNP/2006	08/04/2005	22/04/2004	LIQUID PHASE OXIDATION OF P-XYLENE TO TEREPHTHALIC ACID IN THE PRESENCE OF A CATALYST SYSTEM CONTAINING NICKEL, MANGANESE, AND BROMINE ATOMS	GRUPO PETROTEMEX, S.A. DE C.V.	13/07/2007	DELHI
13	257168	8548/DELNP/2008	04/06/2007	13/06/2006	PROCESS AND APPARATUS FOR GRANULATING A MELT	SHOWA DENKO K.K.	27/03/2009	DELHI
14	257170	651/DELNP/2007	17/08/2005	14/09/2004	METHOD OF EXTRACTING ETHANE FROM LIQUEFIED NATURAL GAS	EXXONMOBIL UPSTREAM RESEARCH COMPANY	03/08/2007	DELHI
15	257171	2285/DELNP/2008	04/08/2006	18/08/2005	A PROCESS FOR PRODUCING A POLYURETHANE/THIOURETHANE-BASED RESIN BY POLYMERIZING A COMPOSITION	MITSUI CHEMICALS, INC.	15/08/2008	DELHI
16	257172	2677/DELNP/2004	05/03/2003	18/03/2002	AN APPARATUS FOR DETECTING THE PRESENCE OF A WIRELESS LOCAL AREA NETWORK	M/S. THOMSON LICENSING S.A	09/10/2009	DELHI
17	257173	2275/DELNP/2006	29/10/2004	31/10/2003	Method to obtain an immunotherapeutic agent based on cell wall fragments of Mycobacterium tuberculosis	ARCHIVEL FARMA, S.L.	22/06/2007	DELHI
18	257174	4375/DELNP/2006	20/01/2005	28/01/2004	A METHOD OF ESTIMATING A CHANNEL IN A WIRELESS COMMUNICATION SYSTEM AND AN APPARATUS THEREOF	QUALCOMM INCORPORATED	03/08/2007	DELHI
19	257175	5407/DELNP/2006	30/03/2005	30/03/2004	POLYPEPTIDE SEQUENCE INVOLVED IN THE MODULATION OF THE IMMUNOSUPPRESSIVE EFFECT OF VIRAL PROTEINS.	INSTITUT GUSTAVE ROUSSY, CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, UNIVERSITE PARIS SUD XI	17/08/2007	DELHI
20	257176	4573/DELNP/2007	06/12/2005	24/12/2004	PROCESS FOR PREPARATION OF SECONDARY BATTERY MODULE	LG CHEM, LTD.	31/08/2007	DELHI

21	257177	480/DELNP/2006	26/07/2004	28/07/2003	SYSTEM FOR ENHANCING AN IMAGE OF ONE OR MORE ATTRIBUTES REPRESENTING A PROPERTY OF AN OBJECT	LANDMARK GRAPHICS CORPORATION	10/08/2007	DELHI
22	257178	1051/DELNP/2004	29/10/2001	29/10/2001	METHOD AND SYSTEM FOR COMMUNICATION DATA AT RADIO BASE STATION NODES	ERICSSON, INC.	28/07/2006	DELHI
23	257179	795/DELNP/2008	05/07/2006	05/07/2005	PREPARATION AND USE OF CATIONIC HALIDES, SEQUESTRATION OF CARBON DIOXIDE	GREENSOLS AUSTRALIA PTY LTD	04/07/2008	DELHI
24	257180	2892/DELNP/2004	01/04/2003	16/04/2002	APPARATUS AND METHOD FOR PROVIDING TRELLIS DECODED DATA AND A TRELLIS DECODER THEREOF	M/S. THOMSON LICENSING S.A	09/10/2009	DELHI
25	257182	1053/DELNP/2006	29/09/2004	30/09/2003	A METHOD OF ASSESSMENT OF TRANSMISSION OF A PROPERTY WITHIN A SUBSURFACE GEOLOGIC RESERVOIR	EXXONMOBIL UPSTREAM RESEARCH COMPANY	17/08/2007	DELHI
26	257189	458/DEL/2006	20/02/2006		A SYPHONICALLY OPERATED FLUSHING DEVICE	CHANDIGARH HOUSING BOARD	24/08/2007	DELHI
27	257193	535/DELNP/2006	05/08/2004	26/08/2003	METHOD TO MAKE SINGLE-LAYER PET BOTTLES WITH HIGH BARRIER AND IMPROVED CLARITY	INVISTA TECHNOLOGIES	17/08/2007	DELHI
28	257195	4037/DELNP/2008	13/11/2006	23/11/2005	COPOLYMERS PRODUCED FROM REACTING A GLYCIDYL ESTER AND /OR ETHER WITH A POLYOL AND THE USE OF THE COPOLYMERS IN COATING COMPOSITIONS	PPG INDUSTRIES OHIO, INC	01/08/2008	DELHI
29	257196	1549/DEL/2007	24/07/2007 12:38:20	11/08/2006	CROSSLINKED CELLULOSIC NANOFILTRATION MEMBRANES	EMD MILLIPORE CORPORATION	29/02/2008	DELHI
30	257200	5416/DELNP/2006	22/03/2005	24/03/2004	A RECLOSABLE FASTENER	ILLINOIS TOOL WORKS INC.	03/08/2007	DELHI
31	257203	2685/DELNP/2007	12/10/2005	12/10/2004	Infant Formula comprising Beta Serum or / and fraction obtained from Beta serum	FONTERRA CO-OPERATIVE GROUP LIMITED	17/08/2007	DELHI

32	257204	785/DELNP/2007	28/07/2005	30/07/2004	IN VITRO METHOD FOR THE DYNAMIC NUCLEAR POLARISATION(DNP) OF A COMPOUND AND RADICAL OF FORMULA I	GE HEALTHCARE AS,	03/08/2007	DELHI
33	257205	1293/DELNP/2007	23/02/2005	29/07/2004	SILVER PLATING IN ELECTRONICS MANUFACTURE	ENTHON INC.	17/08/2007	DELHI
34	257206	7949/DELNP/2008	19/04/2007	20/04/2006	A SOLID PARTICULATE LAUNDRY DETERGENT COMPOSITION COMPRISING AESTHETIC PARTICLE	THE PROCTER & GAMBLE COMPANY	08/05/2009	DELHI
35	257207	1977/DELNP/2004	10/01/2003	10/01/2002	HIGH TEMPERATURE RESISTANT VITREOUS INORGANIC FIBER	UNIFRAX CORPORATION	11/05/2007	DELHI
36	257208	1907/DELNP/2006	15/09/2004	15/09/2003	THYROID HORMONE ANALOGS AND METHOD OF USE IN ANGIOGENESIS	ALBANY COLLEGE OF PHARMACY	22/06/2007	DELHI
37	257209	2261/DELNP/2007	08/09/2005	28/09/2004	STABILIZED UV TRANSPARENT ACRYLIC COMPOSITION	ARKEMA FRANCE	03/08/2007	DELHI
38	257210	4271/DELNP/2008	12/12/2006	14/12/2005	METHODS FOR PURIFYING 2-ARYL-3,3-BIS(HYDROXYARYL)PH THALIMIDINES	SABIC INNOVATIVE PLASTICS IP B.V.	01/08/2008	DELHI
39	257211	6103/DELNP/2005	10/06/2004	13/06/2003	APPARATUS FOR IDENTIFYING A POTENTIAL TOXICITY OF A THERAPY IN A BIOLOGICAL SYSTEM	ENTELOS INC.,	09/05/2008	DELHI
40	257212	2060/DELNP/2007	05/10/2005	05/10/2004	METHOD OF ENANTIOSELECTIVE PREPARATION OF SULFOXIDE DERIVATIVES	SIDEM PHARMA SA	03/08/2007	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.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	257148	1708/MUMNP/2009	31/01/2008	30/03/2007	METHOD FOR FILTERING BEER □	KRONES AG	07/05/2010	MUMBAI
2	257153	IN/PCT/2002/01424/MUM	19/04/2001	19/04/2000	A METHOD TO ENHANCE STRESS TOLERANCE IN PLANT CELL OR YEAST CELL	UNIVERSIDAD POLITECNICA DE VALENCIA	11/09/2004	MUMBAI
3	257169	632/MUMNP/2008	17/10/2006	17/10/2005	METHOD AND APPARATUS FOR FLOW CONTROL OF DATA IN A MESH NETWORK	QUALCOMM INCORPORATED	05/09/2008	MUMBAI
4	257188	1782/MUMNP/2007	28/03/2006	31/03/2006	A SYSTEM COMPRISING A CATHETER AND CONNECTOR PIECE AND VALVE FOR PASSAGE OF A CATHETER	TAKEDA GMBH.	07/12/2007	MUMBAI
5	257190	95/MUMNP/2008	27/06/2005	27/06/2005	METHOD FOR PREPARING SPHERICAL DOPED NICKELOUS HYDROXIDE AND MULTI-METAL OXIDE	SHENZHEN BAK BATTERY CO. LTD.	15/02/2008	MUMBAI
6	257191	1655/MUMNP/2007	03/04/2006	13/04/2005	LOW AMOUNTS OF HIGH MOLECULAR WEIGHT POLYMERS FOR ENHANCING VISCOSITY OF AQUEOUS/AQUEOUS BIPHASIC LIQUIDS	HINDUSTAN UNILEVER LIMITED	16/11/2007	MUMBAI
7	257192	1100/MUMNP/2009	12/12/2007	19/12/2006	SUBMICRON ALPHA ALUMINA HIGH TEMPERATURE BONDED ABRASIVES	SAINT GOBAIN CERAMICS & PLASTICS INC.	19/11/2010	MUMBAI

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.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	257144	305/CHENP/2008	31/07/2006	29/07/2005	A SYSTEM AND METHOD FOR A GUIDED DISCOVERY OF MEDIA CONTENT	DELL PRODUCTS L.P.	19/09/2008	CHENNAI
2	257145	1062/CHE/2007	21/05/2007 15:34:06	22/05/2006	NITRIDING-OXIDIZING TREATMENT METHOD FOR METAL	TING-CHENG CHOU	28/11/2008	CHENNAI
3	257149	2470/CHENP/2007	08/11/2005	08/11/2004	CYLINDER HEAD GASKET WITH INTEGRATED SENSOR	FEDERAL-MOGUL CORPORATION	07/09/2007	CHENNAI
4	257155	2098/CHE/2008	28/08/2008 15:55:00	26/12/2007	SCOOTER TYPE VEHICLE	HONDA MOTOR CO., LTD.	26/03/2010	CHENNAI
5	257158	1855/CHENP/2008	28/09/2006	30/09/2005	WATER-ABSORBENT AGENT COMPOSITION AND METHOD FOR MANUFACTURING SAME	NIPPON SHOKUBAI CO., LTD.	09/01/2009	CHENNAI
6	257159	4419/CHENP/2007	06/03/2006	07/03/2005	CATHETER INTRODUCER WITH NEEDLE SHIELD	ERSKINE MEDICAL LLC	25/01/2008	CHENNAI
7	257160	2413/CHE/2006	22/12/2006		METHOD OF COUPON BASED UPLINK SCHEDULING OF SERVICES ASSOCIATED WITH RADIO BEARER	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	28/11/2008	CHENNAI
8	257161	4757/CHENP/2008	24/01/2007	09/03/2006	A VALVE MEANS WITH A SOFTSTART FUNCTION	FESTO AG & CO. KG	13/03/2009	CHENNAI
9	257163	474/CHENP/2007	21/10/2004	21/10/2004	AN INTEGRATED PORTABLE WATER PURIFIER	GANGADHAR, BATHULA	24/08/2007	CHENNAI
10	257164	4416/CHENP/2007	06/03/2006	07/03/2005	NEEDLE SHIELDING DEVICE	ERSKINE MEDICAL LLC	25/01/2008	CHENNAI
11	257181	1278/CHE/2004	30/11/2004	02/12/2003	AN ELECTRIC DEVICE FOR MEDIUM OR HIGH VOLTAGE ELECTRIC SUBSTATION	AREVA T&D ITALY S.p.A.	04/03/2005	CHENNAI
12	257183	768/CHE/2008	28/03/2008	30/03/2007	METHOD FOR UPDATING INFORMATION OF A NETWORK USER	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	21/08/2009	CHENNAI

13	257184	4180/CHENP/2006	28/04/2005	13/05/2004	A METHOD OF ENCODING A SIGNAL COMPRISING BLOCK OF VALUES, A BLOCK BEING REPRESENTED AS A SEQUENCE OF BIT PLANES	KONINKLIJKE PHILIPS ELECTRONICS N.V.	22/06/2007	CHENNAI
14	257185	1465/CHENP/2008	22/09/2006	23/09/2005	METHOD AND SYSTEM FOR NETWORK SEARCH	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	28/11/2008	CHENNAI
15	257186	195/CHE/2007	31/01/2007		METHOD AND APPARATUS FOR HANDLING A PUSH TO TALK OVER CELLULAR NETWORK SESSION ESTABLISHMENT REQUEST BASED ON A MESSAGE STORAGE BOX	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	28/11/2008	CHENNAI
16	257194	2170/CHE/2008	05/09/2008 17:15:03	07/09/2007	GAGE ENCLOSURE WITH COVER REMOVAL MECHANISM	Dwyer Instruments, Inc.	21/08/2009	CHENNAI
17	257197	4604/CHENP/2006	13/05/2005	16/06/2004	METHOD FOR IDENTIFYING CATALYST COMPOSITION FOR HETEROGENOUS ZIEGLER-NATTA ADDITION POLYMERIZATION OF OLEFIN MONOMER	DOW GLOBAL TECHNOLOGIES LLC	29/06/2007	CHENNAI
18	257198	4612/CHENP/2006	13/05/2005	16/06/2004	METHOD FOR IDENTIFYING ZIEGLER-NATTA COCATALYST	DOW GLOBAL TECHNOLOGIES LLC	29/06/2007	CHENNAI
19	257199	4728/CHENP/2006	22/06/2005	24/06/2004	A PROCESS FOR THE PREPARATION OF 1,1-CYCLOHEXANE DIACETIC ACID MONOAMIDE	ZAMBON GROUP S.p.A.	29/06/2007	CHENNAI
20	257201	4043/CHENP/2006	03/05/2005	04/05/2004	ANTIMICROBIAL POLYPEPTIDES	NOVOZYMES ADENIUM BIOTECH A/S	15/06/2007	CHENNAI
21	257202	3136/CHE/2007	28/12/2007		A METHOD FOR CASTING BILLETS WITH NON DENDRITIC GLOBULAR MICROSTRUCTURE	INDIAN INSTITUTE OF SCIENCE	11/09/2009	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	257008	1097/KOLNP/2007	07/09/2005	20/10/2004	METHOD AND APPARATUS FOR ENCODING AND DECODING AUDIO SIGNALS	FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANWANDTEN FORSCHUNG E.V., AGERE SYSTEMS, INC.	13/07/2007	KOLKATA
2	257187	532/KOLNP/2008	29/06/2006	06/07/2005	A DEVICE FOR PACKAGING AND APPLYING A SUBSTANCE	L'OREAL	07/11/2008	KOLKATA

CONTINUED TO PART- 2