

पेटेंट कार्यालय
का
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं.	35/2013
ISSUE NO.	35/2013

शुक्रवार
FRIDAY

दिनांक: 30/08/2013
DATE: 30/08/2013

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

30th AUGUST, 2013

CONTENTS

<i>SUBJECT</i>		<i>PAGE NUMBER</i>
JURISDICTION	:	21290 – 21291
SPECIAL NOTICE	:	21292 – 21293
EARLY PUBLICATION (DELHI)	:	21294 – 21303
EARLY PUBLICATION (MUMBAI)	:	21304 – 21319
EARLY PUBLICATION (CHENNAI)	:	21320 – 21330
PUBLICATION AFTER 18 MONTHS (DELHI)	:	21331 – 21465
PUBLICATION AFTER 18 MONTHS (MUMBAI)	:	21466 – 21486
PUBLICATION AFTER 18 MONTHS (CHENNAI)	:	21487 – 21759
PUBLICATION AFTER 18 MONTHS (KOLKATA)	:	21760 – 21817
AMENDMENT UNDER SEC.57 (KOLKATA)	:	21818
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (DELHI)	:	21819 – 21820
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (MUMBAI)	:	21821 – 21822
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (CHENNAI)	:	21823 – 21824
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (KOLKATA)	:	21825 – 21826
INTRODUCTION TO DESIGN PUBLICATION	:	21827
COPYRIGHT PUBLICATION	:	21828
THE DESIGNS ACT 2000 SECTION 30 DESIGN ASSIGNMENT	:	21829
RESTORATION OF LAPSED DESIGNS UNDER SECTION 12 (2) OF THE DESIGNS ACT, 2000	:	21830 – 21831
REGISTRATION OF DESIGNS	:	21832 - 21877

**THE PATENT OFFICE
KOLKATA, 30/08/2013**

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 30/08/2013
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.2342/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :30/07/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : TOPICAL ANTI ACNE FORMULATION OF CORIANDER

(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)ADITI VATS

Address of Applicant :GALI NO.2, NEAR SHIV TEMPLE,
BANK COLONY, MODINAGAR-201204, Uttar Pradesh India

(72)Name of Inventor :

1)ADITI VATS

(57) Abstract :

The present invention provides novel herbal formulation comprising a combination of coriander aqueous extract and coriander oil as therapeutically active constituents in synergy with menthol as penetration enhancer and the process for the preparation of the same in pharmaceutically acceptable dosage forms for topical treatment of acne with increased efficacy, improved percutaneous penetration, .excellent stability ensuring long shelf life and low skin irritation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2322/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : Switching device for power control of electric appliances operable by both touch and wireless Bluetooth technology

(51) International classification	:H01H
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT//
Filing Date	:01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Amit Sharma
Address of Applicant :DG2 / 6D Vikaspuri New Delhi 110018
India
(72)**Name of Inventor :**
1)Amit Sharma
2)Arjit Sachdeva

(57) Abstract :

The apparatus is a switching device for power control of electric appliances. This device can be operated by either touching it physically or by remotely issuing it commands via wireless bluetooth using a external device like a mobile phone. A micro-controller is used to interpret the signals sent in via touch or bluetooth and issues commands as per internally programmed algorithm to derive switching action for any electric appliance connected to the device. The device is capable of single and multiple switching based on circuit configuration.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2155/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :18/07/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : ANGULAR VALVULAR WIND MILL

(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)VATS VINOD KUMAR

Address of Applicant :192 BRAHM PURI

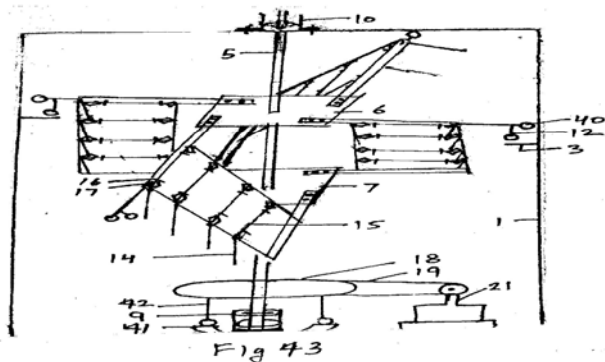
MIZAFFARNAGAR PIN-251001. Uttar Pradesh India

(72)Name of Inventor :

1)VATS VINOD KUMAR

(57) Abstract :

Abstract of Angular Valvular Wind Mill Angular Valvular Wind Mill has a columnar structure to support the rotatory axis and bear the weight of other movable part. One or more turbine 25 on one axis shaft 5 rotate in a horizontal plain with axis. Radial wing frame 13 of turbine attached with axis shaft at an angle. Each moving frame 13 has horizontal bars 15 or net 48 on which one way, vertically overlapped, rectangular valves 14 are hanged on the earth facing surface of the frame by the hooks 16. Lateral gap between the valves is maintained by conical, valve space maintainer 17 washers for the free,up and down movement of valves. AngularValvular Wind Mill produce many time more energy because angular attachment of wing frame with axis shaft provide a special position to valves hanged on frame. This special angular hanging position of valves keeps the one side of the turbine open and other side closed for the slowest wind. This special hanging position of valve remove the need of all the extra component which are used for opening, closing and stopping of reverting of valves and save energy to rotate the axis. Leg wheels 42 bear the weight of large rim pulley, circular plate 3 bear the weight ofwing frames by wing support wheel 12. All these reduce the load of rotatory axis which rotate the alternator and produce electricity.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3015/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : CROSS LINKER

(51) International classification :C07C57/34,C07C57/72,C07C233/65
(31) Priority Document No :10188582.0
(32) Priority Date :22/10/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/068451
Filing Date :21/10/2011
(87) International Publication No :WO 2012/052550
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NEXAM CHEMICAL AB
Address of Applicant :Medicon Village Scheelevgen 2 S 223
81 Lund Sweden
(72)Name of Inventor :
1)R-ME Daniel
2)PERSSON David
3)LAGER Erik
4)MOMCILOVIC Dane
5)KNUTSSON Malin
6)ROSENBERG Jan Erik

(57) Abstract :

Disclosed are novel cross linkable end cappers for oligo and polyamides. End capped oligo and polyamides comprising such an end capper may be cured at a lower temperature compared to oligo and polyamides end capped with PEPA.

No. of Pages : 48 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2251/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : CLOTH HEADPHONE

(51) International classification

:H04R

(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)PRASOON PRASHANT

Address of Applicant :11 ASHOK NAGAR NEAR
PACHKUIYAN AGRA, Uttar Pradesh India

(72)Name of Inventor :

1)PRASOON PRASHANT

(57) Abstract :

The main thing about this invention is that its a really unique kind of headphone mechanism first time in the world its unique counter tension mechanism provide optimum pressure over the human ear so that the headphone remains on its place with a comfort feeling & with this it is really compatible with the future flat speaker technology & yes hygienically its washable too

No. of Pages : 7 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6557/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/07/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : COMBINED HYDROGEN AND PRESSURE SENSOR ASSEMBLY

(51) International classification :G01D21/02,H01F27/12,G01N33/26

(31) Priority Document No :13/076667

(32) Priority Date :31/03/2011

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

(86) International Application No :PCT/US2012/030359

Filing Date :23/03/2012

(87) International Publication No :WO 2012/135030

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)QUALITROL COMPANY LLC

Address of Applicant :1385 Fairport Road Fairport New York 14450 1309 U.S.A.

(72)Name of Inventor :

1)HERZ Joshua J.

2)BILLINGS David

(57) Abstract :

The invention provides a housing for a sensor having a semiconductor element for measuring hydrogen concentration in an insulating fluid in electric power generation transmission and distribution equipment having a mounting flange on the equipment providing access to the interior of the equipment and provided with a plurality of bolt receiving openings arranged on the mounting flange in a first pattern which includes a first flange having at least one or more openings for receiving one or more semiconductor hydrogen sensors and an outer periphery a plurality of bolt receiving apertures arranged in a pattern corresponding to the first pattern within the outer periphery of the first flange a second flange having a second plurality of bolt receiving apertures arranged in a pattern corresponding to the first pattern within the periphery of the second flange.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2174/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : CEMENTITIOUS COMPOSITIONS CONTAINING INDUSTRIAL BY-PRODUCTS I.E. WASTE FOUNDRY SAND AND COAL BOTTOM ASH

(51) International classification	:C04B7/14	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. YOGESH AGGARWAL
(32) Priority Date	:NA	Address of Applicant :CIVIL ENGINEERING
(33) Name of priority country	:NA	DEPARTMENT, N.I.T. KURUKSHETRA. Haryana India
(86) International Application No	:NA	2)DR. PARATIBHA AGGARWAL
Filing Date	:NA	3)DR. RAFAT SIDDIQUE
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. YOGESH AGGARWAL
Filing Date	:NA	2)DR. PARATIBHA AGGARWAL
(62) Divisional to Application Number	:NA	3)DR. RAFAT SIDDIQUE
Filing Date	:NA	

(57) Abstract :

The present invention envisages a concrete composition comprising of an effective amount of fine aggregates comprising of coal bottom ash, waste foundry sand, and natural sand, and water, along with inert aggregates and Pozzolana Portland cement. The composition of the present invention provides concrete having a seven-day compressive strength of at least about 13 to 20 MPa in one embodiment. In another embodiment, a structural product formed from mixing the composition has a twentyeight- day compressive strength of at least about 21 to 32 MPa. The durability of the structural products from these compositions is more than the structural products made from conventional concrete and concrete comprising other industrial by-products. The composition of the present invention provides concrete having high resistance to carbonation, chloride-ion penetration, cost-effective, and can be cured at room temperature.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1733/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : CURCUMIN CONJUGATED GD NANOPARTICLES FOR IMAGING AND THERAPY.

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AVINASH C PANDEY
(32) Priority Date	:NA	Address of Applicant :NANOTECHNOLOGY
(33) Name of priority country	:NA	APPLICATION CENTRE, UNIVERSITY OF ALLAHABAD
(86) International Application No	:NA	Uttar Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. RANU DUTTA
(61) Patent of Addition to Application Number	:NA	2)AVINASH C PANDEY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In the present work Gadolinium Metallo nanocongregate have been synthesized by simple chemical synthesis route. The synthesis of the nanoparticles were characterized by several techniques like UV absorption, Transmission Electron Microscopy, etc, The presence of several Gd nanoparticles forming nanocongregates of around 100 nm in size which is evident from the TEM images which would be an additional advantage for in increasing the relaxivity of the Gadolinium nanoparticles. Further Curcumin was conjugated to increase the biocompatibility and for molecular imaging as functionalized contrast agent for cancers and brain lesions. FTIR spectroscopic studies confirm that the curcumin moieties have been attached to the Gd nanoparticles. This conjugate could be successfully employed for imaging brain. Besides, the conjugation of curcumin prevents blood clotting effects, hence increasing their feasibility for being used for in vivo applications.

No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2264/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :20/07/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : DOUBLE DECK SIDE GUSSET TUBE FORMING AND FEEDING ASSEMBLY

(51) International classification

:B32B

(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)CHATURVEDI, ASHOK

Address of Applicant :305, III FLOOR, BHANOT CORNER,
PAMPOSH ENCLAVE, GK-1, NEW DELHI-110048 India

(72)Name of Inventor :

1)CHATURVEDI, ASHOK

(57) Abstract :

A double deck side gusset tube forming and feeding assembly is described. The assembly comprises a first deck having a web folding arrangement, the web folding arrangement being configured to upwardly fold opposite longitudinal side edges of a side gusset web into a side gusset tube and advance the side gusset tube to a second deck wherein the said second deck is parallel and vertically separated from the first deck. The second deck being configured to feed the side gusset tube over a bottom web such that the upwardly folded opposite longitudinal side edges face the bottom web.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3714/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :04/12/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : TEETH CUTTING MACHINE FOR COMB MAKING AND THE METHOD OF TEETH CUTTING THEREOF

(51) International classification

:B27F

(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)TRI STAR PRODUCTS PVT. LTD.

Address of Applicant :B 43, SECTOR 80 PHASE-II NOIDA

UP 201305 INDIA

(72)Name of Inventor :

1)JAIN, SANDEEP

(57) Abstract :

The present invention is related to a comb-teeth cutting machine and the method of teeth cutting thereof, wherein said teeth cutting machine is provisioned for automatic cutting of teeth pattern mechanically, particularly during the manufacturing of a comb. Said method of teeth cutting on the proposed teeth cutting machine is specialized in cutting teeth on multiple comb work pieces simultaneously.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2030/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/06/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : CUSTOMIZABLE WOODEN NECK-TIE

(51) International classification	:A41D25/02	(71) Name of Applicant :
(31) Priority Document No	:NA	1)JADHAV AJINKYA
(32) Priority Date	:NA	Address of Applicant :FLAT NO. 7, GANGA SADAN
(33) Name of priority country	:NA	SLOUDAMINI CHS, 107 P. L. LOKHANDE MARG, NEAR
(86) International Application No	:NA	SHREE NAGAR CHS, CHEMBUR, MUMBAI 400 089,
Filing Date	:NA	MAHARASHTRA, INDIA.
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)JADHAV AJINKYA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A customizable pre-tied neck-tie (100) is disclosed. The neck-tie (100) comprises a flexible neckband (102) having a vefcro (103), a pre-tied knot (106) having a groove from side to side of two of the corners for receiving the thread portion (104), a tie panel (108) extending from a third corner of the pre-tied knot (106), a plurality of shaped segments (110) having securing means, and a V-shaped segment (112), wherein, the plurality of shaped segments (110) are attachable to each other, the tie panel (108), and the V-shaped segmental 12), so as to give a smooth appearance. The neck-tie (100) can be customized as per the design needs of the wearer and by the latest trend; the neck-tie is easily worn, is made of a light-weight material that is comfortable to wear, has a long life, and does not require cleaning or ironing.

No. of Pages : 13 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2660/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : INTELLIGANT CONDITION MONITORING SYSTEM FOR GRID INTERCONNECTED / POWER TRANSFORMERS

(51) International classification	:G01R31/00
(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)Makarand Sudhakar Ballal
Address of Applicant :Department of Electrical Engineering,
Visvesvaraya National Institute of Technology, Nagpur
Maharashtra India
2)Hiralal Murlidhar Suryawanshi
(72)**Name of Inventor :**
1)Makarand Sudhakar Ballal
2)Hiralal Murlidhar Suryawanshi
3)Prasad A Venikar
4)Ashish Doorwar

(57) Abstract :

The purpose of present invention is to introduce methodology to know the status of the grid interconnected/power transformer commissioned in transmission or distribution substation. The algorithm developed and tested is based on application of Artificial Neural Network (ANN). The existing measurable parameters like oil temperature, winding temperature, low oil level, Moisture Content and Hydrogen Content by hydan meters, and efficiency deviation data patters applied as input parameters for the design of Intelligent Condition Monitoring System (ICMS). This ICMS avoids the unnecessary outages, prevent breakdowns thereby increases the availability of the equipment and cause considerable savings in the economy of utility. The main advantage of the model is that it can be applied for online monitoring to grid interconnected /power transformer of any ratings. Following invention is described in detail with the help of Fig. 1 showing the online algorithm developed for ICMS, Fig. 2 showing sub-routine algorithm for selection of relevant ANN structure when any five inputs parameters are available. Fig. 3 showing sub-routine algorithm for selection of relevant ANN structure when any four inputs parameters are available, Fig. 4 showing Module A or ANN structures for all the six input parameters, Fig. 5 showing sub-modules or ANN structures in respect of Module B for any five input parameters, Fig. 6 showing sub-modules or ANN structures in respect of Module C for any four input parameters, Fig. 7 showing oil temperature sensor/transducer circuitry, Fig. 8 showing winding temperature sensor/transducer circuitry, Fig. 9 showing low oil level sensor/transducer circuitry, Fig. 10 showing hydan meter (H2O and H2) PPM sensor/transducer circuitry and Fig. 11 showing energy meter (HV and LV side) connection circuitry for determining efficiency deviation.

No. of Pages : 29 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2663/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : ENVIRONMENT-FRIENDLY SYNTHESIS / PRODUCTION OF CONDUCTING POLYMERS

(51) International classification

:C08L65/00

(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)DR. PRAKASH R. SOMANI

Address of Applicant :VIJAYNAGAR, BLD. NO. 3, B-14,
DHAYARI, NEAR DHARESHWAR MANDIR, SINHGAD
ROAD, PUNE - 411041, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)MRS. NASEEM A. R. DESHPANDE

2)DR. SANJAY D. CHAKANE

3)DR. SAVITA PRAKASH SOMANI

4)DR. PRAKASH RAVINDRA SOMANI

(57) Abstract :

Process for eco-friendly / environment friendly synthesis / production of conducting polymer (s) is disclosed herewith in which DOPANT (which either oxidizes or reduces the polymer) is a biomaterial or obtained from natural source.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2676/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF METHYLPHENIDATE HYDROCHLORIDE AND ITS INTERMEDIATES THEREOF

(51) International classification	:A61K31/00, C07D211/34	(71)Name of Applicant : 1)ZCL CHEMICALS LTD.
(31) Priority Document No	:NA	Address of Applicant : 'A' - 806/807, 215 ATRIUM
(32) Priority Date	:NA	CHAKALA ANDHERI (EAST), MUMBAI-400 059,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AGARWAL NAND LAL
(87) International Publication No	: NA	2)CHANDRASHEKHAR SINGH
(61) Patent of Addition to Application Number	:NA	3)MUBASHSHIR AHMED
Filing Date	:NA	4)BHAVSAR RAHUL ARUNBHAI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an industrially feasible and economically viable process for the preparation of methylphenidate hydrochloride of formula 1 and its intermediates thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2677/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : A MULTI-COLUMN, MULTI-SPINDLE, SINGLE-PASS DIAMOND HONING MACHINE.

(51) International classification	:B24B33/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. AJIT SAMANI
(32) Priority Date	:NA	Address of Applicant :F24/1, MIDC, SHIROLI, KOLHAPUR
(33) Name of priority country	:NA	416122 MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. AJIT SAMANI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention discloses a diamond honing machine with a spindle on single column or multi-column assembly comprising a base for entire assembly: a Column mounted on rear side of the base and a Coolant tank mounted below the column; a pair of Linear Motion Guideways mounted vertically on each side of the column; a slider, onto which Honing Head containing a spindle being mounted, which further being connected to the Column by a Slider Bracket; a Linear Motion Assembly mounted on the top of the Column; a Honing tool held by a tool holder clamped in the spindle; the machine further having a PLC control with suitable electricals to support the system: the machine supported to attain different spindle speed and feed rates for different spindles thus maintaining high spindle rpm thereby facilitating it to achieve the parameters like surface finish on final stage;: the machine occupies less space, consumes less power and easy to maintain.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2333/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :11/07/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : ERGONOMIC DESIGN AND FABRICATION OF ROASTING MECHANISM FOR SMALL SCALE INDUSTRIES AND HOUSE HOLD PURPOSE

(51) International classification	:A47J37/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MRS. RASHMI V. UDDANWADIKER
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF MECHANICAL
(33) Name of priority country	:NA	ENGINEERING VNIT, NAGPUR 440010 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MRS. RASHMI V. UDDANWADIKER
(87) 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 roasting mechanism which is designed and fabricated for roasting all the items in small scale cottage industries or house hold purpose. Complete work station is designed for the ease of operator. The roasting mechanism consists of a coil located centrally inside a rotating cylinder which provides heating to the raw material. A motor supplies power through a belt drive for the rotation of cylinder. The speed can be controlled with the help of a regulator. The heating coil can be removed and conventional gas burner or kerosene stove can be used for heating. The rotating cylinders are available in different sizes for roasting smaller and larger quantities.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2681/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : DESIGN FOR CHANGE IN THE OUTPUT VOLTAGE VOC FOR A PHOTOVOLTAIC MODULE.

(51) International classification	:H01L31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Dr. Vivek Renurao Bhole
(32) Priority Date	:NA	Address of Applicant :145, Vivekanand Nagar, Wardha Road,
(33) Name of priority country	:NA	Nagpur , 440015 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Dr. Vivek Renurao Bhole
(87) 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 eliminates a unit called Charge controller to step down the voltage suitable to battery charging of 12V. This charge controller unit has its own conversion efficiency which reduces the total output of Solar Photovoltaic panels in terms of wattage. By reducing the output voltage of Solar PV module, VOC, the problem of overcharging is avoided and total energy output of Solar Photovoltaic panels is increased. The invention is described in detail with the help of Figure 1 of sheet 1 showing the series connection of the PV cells in a typical 37 watt PV module and Figure 2 of sheet 1 showing the series connection of the PV cells in a PROPOSED DESIGN of 27 watt PV module.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1490/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : REDUCING AGENTS AND METHODS OF PREPARATION THEREOF

(51) International classification	:C01D5/14	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TRANSPEK-SILOX INDUSTRY LIMITED
(32) Priority Date	:NA	Address of Applicant :KALALI ROAD, ATLADRA,
(33) Name of priority country	:NA	VADODARA-390 012, GUJARAT, INDIA.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DESAI DHARMESH
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides formaldehyde free reducing agent and method for preparation thereof. The method of preparation of the formaldehyde free reducing agent comprises reacting zinc, sodium bisulfite and mineral acid in water at a temperature ranging between 0 °C and 50 °C to obtain sodium hydrosulfite and further admixing to the sodium hydrosulfite, at least one aldehyde and at least one base in an aqueous medium, at a temperature ranging between 0 °C and 50 °C, at a pH ranging between 5.0 and 12.0, to provide the crude formaldehyde free reducing agent.

No. of Pages : 23 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2626/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :10/09/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : IMPROVED METHOD FOR DETOXIFICATION OF HEMICELLULOSE HYDROLYSATE BY COMBINED TREATMENT WITH LIME AND ALUM

(51) International classification	:C12P1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR SANJAY SAHAY
(32) Priority Date	:NA	Address of Applicant :SR MIG-417, HOUSING BOARD
(33) Name of priority country	:NA	COLONY, KATARA HILLS, BHOPAL Madhya Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR SANJAY SAHAY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention describes methods for treating hemicellulosic hydrolysate containing various fermentation inhibitors. The present invention more particularly describes method of treating hemicellulosic hydrolysate with lime and alum. Treatment of hemicellulosic hydrolysate with lime and alum makes it useful for the fermentation using yeasts like Pichia stipitis and Saccharomyces cerevisiae.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2627/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF TELMISARTAN

(51) International classification	:C07D235/20
(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)UNICHEM LABORATORIES LIMITED
Address of Applicant :UNICHEM BHAVAN, PRABHAT
ESTATE, OFF S. V. ROAD, JOGESHWARI (W), MUMBAI -
400 102, MAHARASHTRA, INDIA.
(72)**Name of Inventor :**
1)DR. DHANANJAY G. SATHE
2)DR. ARIJIT DAS
3)DR. BHAVESH PATEL
4)MR. VIKAS CHINCHOLIKAR

(57) Abstract :

The present invention describes an improved process for the synthesis of 4-[(1,4-dimethyl-2-propyl [2,6-bi-1H-benzimidazol]-1-yl)methyl]-[1,1-biphenyl]-2-carboxylic acid, that is Telmisartan.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1755/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : A NOVEL SYNERGISTIC HERBAL FORMULATION FOR DIABETES MELLITUS TYPE-2 AND PROCESS FOR PREPARING THE SAME

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)UMALAXMI ORGANICS PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :CORPORATE OFFICE AT, 701-702,
(33) Name of priority country	:NA	SIDDHARTH COMPLEX, R.C. DUTT ROAD, ALKAPURI,
(86) International Application No	:NA	VADODARA 390007 GUJARAT, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)DAVE JEETESH
(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 the novel synergistic herbal formulation, comprising, extracts from Momordica charantia (Karela extract), Gymnema sylvestre (Gudmar extract), Withania somnifera (Ashwagandha extract), Eugenia jambolana (Jamun extract), Fenugreek (Methi extract), Shilajeet, Petrocarpus marsupium (Vijaysar extract), Triphala (Embellica officinalis, Terminalia bellerica and Terminalia chebula) and Cinnamon for reducing sugar level in the body and relaxing the body and its working in humans suffering from diabetes mellitus type 2. The invention also relates to the process of preparing the herbal formulation.

No. of Pages : 32 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.360/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : IMPROVED METHOD FOR DETOXIFICATION OF HEMICELLULOSES & HYDROLYSATE BY COMBINED TREATMENT WITH LIME AND WHEY

(51) International classification	:C12P1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR SANJAY SAHAY
(32) Priority Date	:NA	Address of Applicant :SR MIG-417, KATARA HILLS,
(33) Name of priority country	:NA	HOUSING BOARD COLONY, BHOPAL-462041 Madhya
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR SANJAY SAHAY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention describes methods for treating hemicellulosic hydrolysate containing various fermentation inhibitors. The present invention more particularly describes method of treating hemicellulosic hydrolysate with lime and whey protein. Treatment of hemicellulosic hydrolysate with lime and whey makes it useful for the fermentation using yeasts like Pichia slipitis, Saccharomyces cerevisine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3391/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/11/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF D-THREO-RITALINIC ACID SALTS VIA NOVEL SALTS OF INTERMEDIATE THEREOF

(51) International classification	:C07D211/34
(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)ZCL CHEMICALS LTD.
Address of Applicant : 'A'- 806/807, 215 ATRIUM
CHAKALA, ANDHERI (EAST), MUMBAI-400 059,
MAHARASHTRA, INDIA.
(72)**Name of Inventor :**
1)AGARWAL NAND LAL
2)BHAVSAR RAHUL ARUNBHAI
3)PATHAK KUNAL KAMLESHBHAI

(57) Abstract :

The present invention relates to a process for the preparation of d-threo-ritalinic acid salt thereof. More particularly, the present invention relates a process for the preparation of d-threo-ritalinic acid salt via novel organic salts of intermediate thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2629/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : INVOLUTE HELICAL GEAR CUTTER

(51) International classification	:B23F21/00
(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)ROHIN APTE

Address of Applicant :31, SARASWATI NIVAS, DR. M. B.
RAUT ROAD, DADAR, MUMBAI - 400028,
MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)ROHIN APTE

(57) Abstract :

The Involute Helical Gears have a wide range of application in various products and industries. The invention is meant for mass production of Involute Helical Gears in a single pass with accuracy, precision, low power consumption and easy machine settings. The machine consists of end milling cutters designed for cutting involute gears. The cutters are placed radially to cut required number of teeth on the workpiece. The workpieces will be moved linearly and radially simultaneously to produce the required involute helical gear.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2650/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :13/08/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : TANKER PLATFORM TROLLY

(51) International classification	:B65G65/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DIGAMBAR ABHIMAN SUTAR
(32) Priority Date	:NA	Address of Applicant :J187, MIDC BHOSARI, PUNE
(33) Name of priority country	:NA	411026, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DIGAMBAR ABHIMAN SUTAR
(87) 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 :

Tanker Platform Trolley is advanced equipment for Tanker Loading, Unloading, Sampling, Hose Fitting, Venting and Inspection. It minimizes the operator efforts and ensures operator safety. Operator moves the Tanker Platform Trolley by steering handle to reach the desired work place. Standing platform height is adjusted by gearbox handle to suit tanker height.

No. of Pages : 13 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2494/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : PROCESS AND SYSTEM FOR RECOVERING POLYAMIDES AND POLYMERS FROM COMPOSITE ARTICLES

(51) International classification	:C08J11/00
(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)GRP LIMITED (FORMERLY KNOWN AS GUJARAT RECLAIM & RUBBER PRODUCTS LTD)
Address of Applicant :510, KOHINOOR CITY,
COMMERCIAL-I KIROL ROAD, OFF L.B.S. MARG KURLA
WEST, MUMBAI 400 070 Maharashtra India
(72)**Name of Inventor :**
1)RAVETKAR, DILIP DIGAMBAR
2)GIRAMKAR, KUSHABA DNYANDEV
3)MHAPRALKAR, VAIBHAV BABAJI

(57) Abstract :

A process and system for recovering at least one polyamide from one or more composite materials is provided. The process comprises dissolving the at least one polyamide present in the one or more composite materials in a solvent. The process further comprises separating at least one undissolved polymer from the solution by filtration. Furthermore, the process comprises evaporating part of the solvent from the solution containing the at least one polyamide. Also, the process comprises neutralizing, using an alkali, the solvent remaining with the at least one polyamide. In addition, the process comprises washing, filtering and drying the mixture comprising the at least one polyamide to obtain polyamide.

No. of Pages : 32 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3588/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/08/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : RAIL-CUM-ROAD VEHICLES (RCRV) AND ECONOMY RAIL TRACK-CUM-CORRUGATED CONCRETE TRACK TO ENGAGE WITH CORRUGATED TREAD RUBBER WHEELS ON ALL ROADWAYS

(51) International classification	:B60F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MUTHUSAMY VENKATACHALAM THOORUN
(32) Priority Date	:NA	Address of Applicant :64/12, NAGU FLATS, GEETHA
(33) Name of priority country	:NA	NAGAR 2ND STREET, PERUNDURAI ROAD, ERODE - 638
(86) International Application No	:NA	011 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MUTHUSAMY VENKATACHALAM THOORUN
(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 and processes are entirely new to the transport system and not reported before / are an improvement of present applicants own invention vide his (1) application for patent No. 466/DEC/2000 dated 28-4-2000 and (2) No. 162/MAS/2001 dated 22-2-2001 - relates to the independent Rail cum Road Vehicle (RCRV). The advanced air suspension system will lift the axles of rubber wheels for rail travel, and it will lift steel wheels to run on plain roads. Its regenerative braking system with the help of link gear box, produces electricity to run the motor of air compressor unit or the vehicle itself. The engine power is transmitted to 8 wheels i.e. 4 steel wheels and 4 rubber wheels via crown/differential boxes and sprockets and chains. All RCRVs are fitted with advanced light weight rail track brakes and corrugated concrete track to engage with the corrugated tread rubber wheels for instant braking; the circular chassis bogie at rear end to help RCRV on rails and on road to comfortably negotiate. The ballast-less economy rail track with lesser numbers of light weighted sleepers bolted to the ground for comfortable journey with less noise.

No. of Pages : 63 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3322/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : SOURCE VIDEO BASED VIDEO SUMMARIZATION

(51) International classification	:G06F, H04N	(71)Name of Applicant : 1)HCL TECHNOLOGIES LIMITED
(31) Priority Document No	:NA	Address of Applicant :HCL TECHNOLOGIES LTD. 50-53
(32) Priority Date	:NA	GREAMS ROAD, CHENNAI - 600006 Tamil Nadu India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)KOUSIK SANKAR RAMASUBRAMANIAM
Filing Date	:NA	2)KADARI SUBBARAO SUDEENDRA THIRTHA
(87) International Publication No	: NA	KOUSHIK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for embedding video summarization in user data of source stream is disclosed. Based on the user inputs such as entry and exit points, rankings of specific genre video sequence, the Video(V)/Audio(A) summary embedding system summarizes the source content (video) by using standard summarization algorithms. Further, audio content is summarized based on some predefined parameters such as frequencies present, histogram of audio spectrum and amplitude, male or female voices, background noise and so on. Later, the V/A summary embedding system embed the summarized video and audio content into source stream by using Group Of Pictures (GOP) user data start code. Furthermore, when a user queries the V/A summary embedding system for particular genre content, appropriate content is identified by considering the users threshold time and displays the summary results to the user.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3581/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : automatic online filling of air in the tubes of tyres of vehicle

(51) International classification :B60C

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT//

Filing Date :01/01/1900

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)birender kumar

Address of Applicant :plot-2 hans avenue kapra ecil post
hyderabad , Andhra Pradesh India

(72)Name of Inventor :

1)birender kumar

(57) Abstract :

Tyre pressure plays vital role in getting good mileage of a vehicle.It is practically Impossible to fill air in the tube/ tyre of vehicle daily or more frequently.Hence a circuitory is developed for auto Filling of air in the tube/ tyre of vehicle .With this system,air in the tube/ tyre can be filled whenever tube/Tyre pressure falls below a set value.This will improve the mileage of vehicle.

No. of Pages : 3 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3570/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/08/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : FAST DRYING ELECTRO-MAGENTIC RADIATION SHIELD COATING

(51) International classification	:C09D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)POORAM SRIKANTH
(32) Priority Date	:NA	Address of Applicant :SAMEERA KRUPA NEW NO; 19,
(33) Name of priority country	:NA	OLD NO; 18, 2ND FLOOR, 6TH CROSS, N.R.COLONY,
(86) International Application No	:NA	BANGALORE - 560 019 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)POORAM SRIKANTH
(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 using a novel technology to block, appropriately conduct, and, ground cell phone tower radiation in all types of buildings. The Fast Drying Electro Magnetic Radiation Shield Coating can be applied to concrete, wood and metal surfaces to block radiation. Fast Drying Electro Magnetic Radiation Shield Coating is indigenously formulated by emulsifying acrylic in a solvent medium, fortified with special synthetic carbons, derivatives of oxides and proprietary additives.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3644/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :16/08/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYNCHRONIZED BRAKING SYSTEM FOR TWO WHEELED VEHICLES

(51) International classification	:B60T	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :Jayalakshmi Estate, 24 (Old No. 8),
(33) Name of priority country	:NA	Haddows Road, Chennai 600006 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ARULMURUGAN, P.S.
(87) International Publication No	: NA	2)MOURYA, Rahul
(61) Patent of Addition to Application Number	:NA	3)NANDAKUMAR, Palanisamy
Filing Date	:NA	4)MANGARAJU, Karnam Venkata
(62) Divisional to Application Number	:NA	5)BABU, Rengarajan
Filing Date	:NA	

(57) Abstract :

The present subject matter relates to synchronized braking system for two-wheeled vehicles. In one embodiment, a synchronized braking system (100) for a two-wheeled vehicle is described. The synchronized braking system (100) comprises a front wheel brake (112), and a rear wheel brake (114). A synchronized brake lever (102) mounted on the two-wheeled vehicle is coupled to the front wheel brake (112) through a synchronized front brake cable (110) and to the rear wheel brake (114) through a rear brake cable (106) to actuate the front wheel brake (112) and the rear wheel brake (114) during operation. A delay mechanism (116) to substantially delay the actuation of the front wheel brake (112) when the synchronized front brake cable (110) is actuated by the synchronized brake lever (102) is provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3565/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :09/08/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYNCHRONIZED BRAKING SYSTEM

(51) International classification	:B60T	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :Jayalakshmi Estate, 24 (Old No. 8),
(33) Name of priority country	:NA	Haddows Road, Chennai 600006, Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VALLI, Vijesh Kallam
(87) International Publication No	: NA	2)BURNWAL, Deepmala
(61) Patent of Addition to Application Number	:NA	3)NANDAKUMAR, Palanisamy
Filing Date	:NA	4)MOHAN, Shanmugam
(62) Divisional to Application Number	:NA	5)MATHEWS, Winney K
Filing Date	:NA	6)BABU, Rengarajan

(57) Abstract :

The present subject matter relates to a synchronized braking system (100) for two-wheeled vehicles. The synchronized braking system (100) includes a front wheel brake (102), a rear wheel brake (104), a combined wheel brake lever (108), and a distributor (202). The combined wheel brake lever (108) is connected to the front wheel brake (102) and the rear wheel brake (104) through a combined front brake cable (112) and a rear brake cable (114). Further, the distributor (202) is connected to the combined wheel brake lever (108) to actuate the front wheel brake (102) and the rear wheel brake (104) upon actuation of the combined wheel brake lever (108). The distributor (202) is pivoted about a distributor pivot axis (207), and the distributor pivot axis (207) is offset along a length of the distributor with respect to a centre axis (209) of the distributor (202).

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3438/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD OF REDUCING REVERSE OSMOSIS FLAT SHEET WASTAGES IN THE PROCESS OF MANUFACTURING HOME REVERSE OSMOSIS ELEMENTS

(51) International classification	:B01D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Eureka Forbes Ltd
(32) Priority Date	:NA	Address of Applicant :No.42 P-3/C Haralukunte Munishwara
(33) Name of priority country	:NA	Layout Kudlu Bangalore- 560068 Himachal Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Dr. S K Sankar
(87) International Publication No	: NA	2)Dr. Raman Venkatesh
(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 manufacturing a spiral wound reverse osmosis membrane that could reduce the process wastage of reverse osmosis membrane sheets comprising providing a fourty inch reverse osmosis membrane sheet into a slitting unit, wherein said slitting unit being configured to slit the reverse osmosis membrane sheet into four sub-sheets of ten inch each. Further stacking the sub-sheet of ten inch along with a feed spacer and permeate carrier of ten inch, wherein said permeate spacer is provided between two sub-sheets. Furthermore, rolling said stacked sub-sheet of ten inch around a core. Further trimming the rolled stacked sub-sheet to form a spiral wound reverse osmosis membrane of nine inch. In addition, sealing both ends of the spiral wound reverse osmosis membrane.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3649/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :19/08/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : FLAT ROLLER AND DIE PLATE PELLETIZING MACHINE

(51) International classification	:B60B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)OLLY NAGARJUNA
(32) Priority Date	:NA	Address of Applicant :H. NO: 2-4-125/39, MALLIKARJUNA
(33) Name of priority country	:NA	NAGAR, NEAR SRI SRI NAGARPARK, UPPAL,
(86) International Application No	:NA	HYDERABAD - 500 039 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)OLLY NAGARJUNA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A flat roller and die plate pelletizing machine according to the invention is most suited for making the pellets for using as fuel and for extraction of oils and extracts from various raw materials. The feed materials enters the non rotating cylindrical housing (19) fixed to the machine frame (1) and pressed through press roller (16) rotated by means of roller head (17) fixed to a rotating hollow shaft (8) and the die plate(15) having plurality of axial holes (15a). The hollow shaft (8) is mounted on the central shaft (2) fixed to the machine frame (1) by means of plurality of bearing (11,4). The product material is extruded as finished pellet and get cut by means the discharge chute (12) and finally comes out through into pellet out let (14). An automatic compensation adjustment device for the adjustment of the gap between the roller and the die plate also is provided.

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

(54) Title of the invention : PREVENTION OF TRAIN ACCIDENT BY RF

(51) International classification	:B61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)T. BHARATH
(32) Priority Date	:NA	Address of Applicant :27, ANNAI ANJUCUM STREET,
(33) Name of priority country	:NA	V.V.G. NAGAR, VENGAMEDU, KARUR, PINCODE - 639 006
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)T. BHARATH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A train wreck or train crash is a type of disaster involving one or more trains. Train wrecks often occur as a result of miscommunication, as when a moving train meets another train on the same track or an accident, such as when a train wheel jumps off a track in a derailment or when a boiler explosion occurs. Train wrecks have often been widely covered in popular media and in folklore. Because train wrecks usually cause widespread property damage as well as injury or death, the intentional wrecking of a train in regular service is often treated as an extremely serious crime. As well as in India many train accidents are happening. For example, 1 January 2011 - Amritsar-Sealdah Akaltakth Express rammed into two trucks in Uttar Pradesh Jaunpur district when its driver failed to notice the red signal at a level crossing at Babura railway crossing, killing a man (a truck driver) and leaving two people (another truck driver and a helper) injured. No passengers were injured in the collision. 10 July 2011 - Kalka Mail derails near Fatehpur, Uttar Pradesh killing 70 people and injuring more than 300. 30 July 2012 - One of the coaches of the Chennai-bound Tamil Nadu Express (New Delhi - Chennai) caught fire early on 30 July morning, near Nellore in Andhra Pradesh. 47 people have died and 25 others have been injured. 10 April 2013 - Seven compartments of the Mizapur-Yashwanthpur Express derailed near Arakkonam, 40km from Chennai killing one passenger and leaving another seriously injured. 1. The method of preventing train accident by RF(radiofrequency) will prevent these type of train accidents. 2. In this method we have to send a robot train before the ordinary train. 3. The robot train is named as Train way tracker. 4. The train way tracker is like a box of the train. 5. The train way tracker has a RF transmitter to transmit the RF signals. 6. The ordinary train has a RF receiver to receive the RF signals. 7. When the train way tracker starts to move that time only the ordinary train will start to move. 8. Because when the train way tracker starts to move, it transmits the RF signals and the train receives the RF signals to move. 9. The IR pulse signals are modified into DC voltage. The DC voltage will enter into the RF transmitter. RF transmitter will convert the DC voltage into RF signals and it will transmit through the antenna. 10. If the train way tracker damaged by accident, the back wheel of the train way tracker does run. So, the IR sensor placed near the back wheel of the train way tracker does produce IR pulse signals. 11. So, the DC voltage does not enter into the RF transmitter and so, the RF transmitter does not produce the RF signals. 12. Automatically the main train will stop. 13. By this method we can prevent the train accident.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.878/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :28/02/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYSTEM AND METHOD FOR IMPROVED END-USER EXPERIENCE BY PROACTIVE MANAGEMENT OF AN ENTERPRISE NETWORK

(51) International classification

:G06Q

(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)WIPRO LIMITED

Address of Applicant :Doddakannelli, Sarjapur Road,
Bangalore 560035, Karnataka India

(72)Name of Inventor :

1)MAGESWARI APPACHIAPPAN

2)SUDIPTA GHOSH

3)KUMARAN RANGASWAMY

4)SHAMBHULINGAYA ARALELEMATH

(57) Abstract :

A method for improved end-user experience in an enterprise network is disclosed. In one embodiment, key performance indicators (KPIs) of network devices, applications and input services are determined. Further, KPIs of base services are determined using the KPIs of network devices, applications and input services. Furthermore, the KPIs are compared with KPI threshold levels and KPI level alerts are generated. Moreover, key quality indicators (KQIs) of base services are determined using the KPIs. Also, the KQIs are compared with KQI threshold levels and KQI level alerts are generated. Further, a composite service quality (CSQ) index of a composite service is computed using the KQIs. Furthermore, the CSQ index is compared with CSQ index threshold levels and a CSQ level alert is generated. In addition, possible problem conditions are detected and then possible problem scenarios are determined and analyzed. Also, actionable items are identified based on the possible problem scenarios.

No. of Pages : 41 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4968/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/11/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : DISPLAY AND VOICE NOTIFICATION UNIT FOR A WATER PURIFICATION MONITORING SYSTEM

(51) International classification :B01D, C02F

(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 :1612/CHE/2010

Filed on :10/07/2010

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SRIRAAGA TECHNO-MARKETING PTE. LTD.

Address of Applicant :FLAT NO. 102, PLOT NO. C34 & 35,
KRISHNAVENI HEIGHTS, RUKMINIPURI COLONY, ECIL
POST, HYDERABAD - 500 062 Andhra Pradesh India

(72)Name of Inventor :

1)PRASAD B.S.V.S.S.

(57) Abstract :

A water purification monitoring system and a method of monitoring the water purification system with a module functionality display unit coupled to a digital circuit are disclosed. The system includes TDS sensor probes to determine and display and generate voice based notifications of the TDS and temperature of feed water and purified water, a comment display for determining a status of the water, a flow sensor and digital flush display for displaying a total consumption of purified water and active state of the digital flush respectively, a water flow switch for displaying flow of inlet water, a pressure guage for displaying water pressure, a flow restriction tube to create pressure at the reverse osmosis element, a display for displaying the service provider details, a self diagnosis module for displaying a current functioning status of a plurality of modules, a display for displaying servicing tasks, a data storage module for storing an information, an alarm unit for providing necessary indications and a provision for enabling a detachable configuration of a user input interface.

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

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.204/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :28/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : AN INSECT REPELLING COMPOUND FOR REPELLING DISEASE TRANSMITTING INSECTS LIKE MOSQUITO AND A PROCESS FOR PREPARATION THEREOF.

(51) International classification	:C07D,A01N
(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)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION, DRDO,

Address of Applicant :MINISTRY OF DEFENCE, ROOM NO. 348, B-WING, DRDO BHAVAN, RAJAJI MARG, NEW DELHI-110011. India

(72)Name of Inventor :

1)AMBATI NARASIMHA RAO

2)KUMARAN GANESARI

3)BRAHMA DUTT PRASHAR

4)MURLIDHAR JAYWANTRAO MENDKI

5)SACHIN NARAYANRAO TIKAR

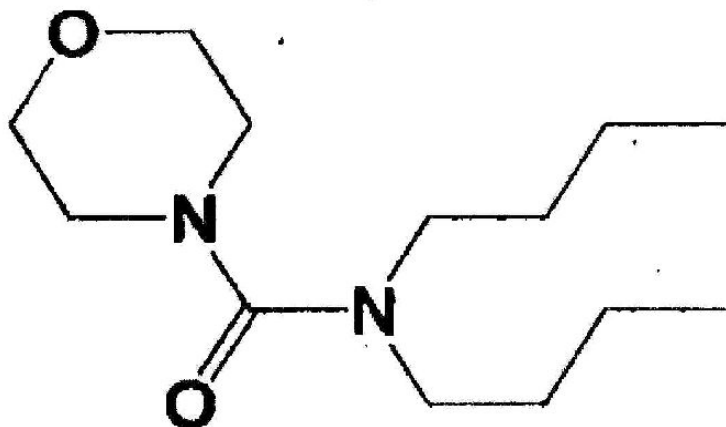
6)AMAR PAL SINGH

7)ANSHOO GAUTAM

8)RAJAGOPALAN VIJAYARAGHAVAN

(57) Abstract :

The present invention discloses a compound of formula I and a process for preparation thereof. The compound exhibits insect repellent properties. The invention also discloses pharmaceutical composition comprising the said compound. in which R is (CH₂)_nCH₃, or a pharmaceutically acceptable salts thereof, wherein n=1 to



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.209/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :31/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : A NOVEL ELECTRICALLY CONDNETING COMPOSITE AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:A61L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)MEIYAZHAGAN ASHOKKUMAR
(61) Patent of Addition to Application Number	:NA	2)AYYAPPAN ANUMARY
Filing Date	:NA	3)RAGOTHAMAN MURALI
(62) Divisional to Application Number	:NA	4)PALANISAMY THANIKAIVELAN
Filing Date	:NA	5)BANGARU CHANDRASEKARAN

(57) Abstract :

The present invention provides a novel electrically conducting composite and process for preparation thereof using proteinaceous wastes and carbonaceous material. The present invention aims at developing a process for the preparation of conducting composites from skin and leather wastes, which can be used in a variety of high value applications. The untanned or tanned proteinaceous wastes were pyrolyzed at different temperatures under inert atmosphere to prepare carbonaceous materials. The untanned or tanned proteinaceous wastes were also used as biopolymeric source from which collagen or chromium-collagen complex were extracted using mild acids. To this extracted biopolymers, different eco-benign polymers were added along with the carbonaceous materials prepared from proteinaceous sources. The formed homogenous mixtures were converted to composites using known procedures. The prepared materials have been studied for their conducting properties apart from other physico-chemical properties. It was found that the developed composites have improved conducting properties in the range of 105 to 10-12 S/cm. The developed process has several advantages compared to the previous inventions. The conducting composites can be used in medical, biotechnology, electronic and related industries.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.214/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :31/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : VEHICULAR CARBON SINK

(51) International classification

:F01N

(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)THE SHRI RAM SCHOOL

Address of Applicant :ARAVALI, PHASE IV, DLF CITY,
GURGAON-122002, HARYANA India

(72)Name of Inventor :

1)GUPTA, ANSHUL KUMAR

2)GUHA, SUDIP

(57) Abstract :

A vehicular carbon sink (VCS) for use with vehicle exhaust systems is disclosed. The VCS includes a tank having an inlet port and an outlet port, a flexible tube having a first end portion and a second end portion, and an exhaust pipe coupled to the outlet port. The tank contains a solution of lime water ($\text{Ca}(\text{OH})_2$). Further, the first end portion of the flexible tube is positioned within the tank and is dipped in the lime water solution. Furthermore, the second end portion of the flexible tube is coupled to the vehicle exhaust to receive vehicular emission therefrom. Accordingly, the flexible tube is adapted to direct the vehicular emission from the vehicle exhaust through the lime water solution in the tank such that the CO_2 in the vehicular emission reacts with the lime water solution to produce Calcium Carbonate, thereby trapping the CO_2 .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.247/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : AN ANTIBACTERIAL AND ANTIVIRAL COMPOUND □

(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)INDIAN COUNCIL OF MEDICAL RESEARCH

Address of Applicant :V. Ramalingaswami Bhawan Ansari
Nagar Post Box 4911 New Delhi 110 029 India

(72)Name of Inventor :

1)KUMAR Vanaja

2)DOBLE Mukesh

3)BALAGURUNATHAN R.

4)SURESH G.

5)MANIKKAM, RADHAKRISHNAN

(57) Abstract :

The invention provides a compound represented by formula (I) or a derivative thereof. Said compound is effective against bacterial and viral pathogens.

No. of Pages : 30 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2858/DELNP/2010 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING SCANNED OBJECTS

(51) International classification	:h04n
(31) Priority Document No	:200710181371.4
(32) Priority Date	:20/10/2007
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2008/072710
Filing Date	:16/10/2008
(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 Technologies Co. Ltd
Address of Applicant :Huawei Administration Building
Bantian Longgang District Shenzhen Guangdong 518129 P.R.
China.
(72)**Name of Inventor :**
1)MO Junxian
2)COMSTOCK David

(57) Abstract :

A method for determining scanned objects is disclosed. According to the method, a Mobile Station (MS) receives an MOB_NBR__ADV message sent by a Base Station (BS). The MOB_NBR__ADV message contains BS IDs. The method includes the following steps: setting a BS Bitmap field in a scanning process message; and mapping the BS Bitmap field to the BS IDs contained in the MOB_NBR__ADV message and determining scanned objects according to the mapping. With the method, a minimum of one bit may be mapped to one of the BS IDs, and thus scanned objects are determined. In addition, an apparatus containing BS Bitmap units is disclosed. When scanned objects are determined with the method and apparatus, the length of a scanning process message can be shortened, thus improving the air interface resource usage of the wideband radio access system to a great extent.

No. of Pages : 32 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.120/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :18/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : AN IMPROVED HANDLE IN AUTOMOTIVE DOOR OF VEHICLE.

(51) International classification	:E05F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MARUTI SUZUKI INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :1, NELSON MANDELA ROAD,
(33) Name of priority country	:NA	VASANT KUNJ, NEW DELHI-110070, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAJESH VIKRAM SINGH
(87) International Publication No	:NA	2)CHETAN MISHRA
(61) Patent of Addition to Application Number	:NA	3)AMULYA KALI RAY
Filing Date	:NA	4)SANDEEP RAINA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an improved handle in automotive door of vehicle to open back door from inside comprising of inside handle integrated with outside handle wherein said inside handle comprising of a push button along with lever

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.132/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :19/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : LINKING-UP VENTILATION DOOR/WINDOW PANEL STRUCTURE

(51) International classification	:E06B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHEN CHANG TECHNOLOGY CO., LTD
(32) Priority Date	:NA	Address of Applicant :NO. 190 NONGCHANG RD.,
(33) Name of priority country	:NA	DALIAO TOWNSHIP, KAOHSIUNG COUNTY 831, TAIWAN
(86) International Application No	:NA	(TW)
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)HUANG, KUN-ZHI
(61) Patent of Addition to Application Number	:NA	2)HUANG, QIU-HUI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A linking-up ventilation door/window panel structure is described. The linking-up ventilation door/window panel structure includes a window panel, at least one gear set, and a upper ventilation panel and a lower ventilation panel sliding on the window panel, wherein the at least one gear set has at least a first gear rack and second gear rack. Two gears, i.e. a first gear and a second gear, are positioned between the first gear rack and the second gear rack and the two gears are pivotally connected to the window panels or the upper ventilation panel and the lower ventilation panel. The linking-up ventilation door/window panel structure links up the other ventilation panel for ventilating the air when the user shifts one of the upper ventilation panel and the lower ventilation panel. Further, the linking-up ventilation door/window panel structure having two gears facilitates the operation stability and reduces the noise formed by the linking-up ventilation door/window panel.

No. of Pages : 23 No. of Claims : 11

(54) Title of the invention : RETRIEVAL ASSEMBLY

(51) International classification :a62b
 (31) Priority Document No :60/975,860
 (32) Priority Date :28/09/2007
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2008/077600
 Filing Date :25/09/2008
 (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)D B INDUSTRIES INC.

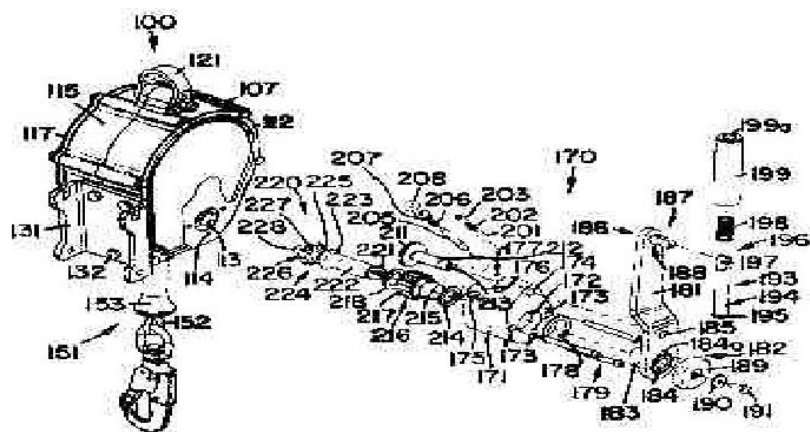
Address of Applicant :3833 Sala Way Red Wing MN 55066-5005 United States of America

(72)Name of Inventor :

1)Scott C. CASEBOLT**2)Vincent G. MEILLET**

(57) Abstract :

A retrieval assembly is configured and arranged for use with a retractable lifeline assembly including a cable assembly The retrieval assembly is releasably engagable with the cable assembly to pay out or retract the cable during rescue

**FIG. 1**

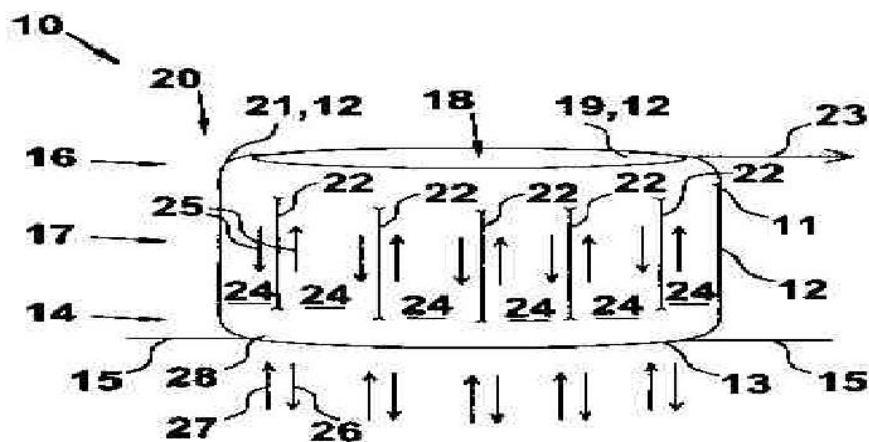
No. of Pages : 34 No. of Claims : 21

(54) Title of the invention : INFLATABLE CHAMBER-POT

(51) International classification	:b63b	(71)Name of Applicant :
(31) Priority Document No	:PA 2007 01413	1)GOLOO ApS
(32) Priority Date	:30/09/2007	Address of Applicant :Ravnsborgsvej 68 DK-7000 Fredericia
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2008/000290	(72)Name of Inventor :
Filing Date	:15/08/2008	1)Izac RON
(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 :

The invention provides an inflatable receptacle which may easily be brought along, and which in the inflated state may serve as a stable seat with comfortable seat height for a person. This is achieved by an inflatable receptacle which is peculiar in that the inner membrane side and the outer membrane side are interconnected by at least one membrane joint, preferably by welding the two membrane sides at the centre part of the receptacle, where the at least one membrane joint extends partially or entirely between the lower and upper ends of the receptacle. Great stability is achieved hereby, as optimal possibility for transferring an action of force applied to the upper end of the receptacle in parallel with the support face is created in order to absorb the action of force in a large part of the support face placed upon the base. This improved ability of transferring actions of force to the base arises because shear forces by disc action are transferred along a membrane joint according to the invention between the partial air chambers produced by establishing the membrane joint.

**Fig. 1b**

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.34/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :07/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : A PROCESS FOR PREPARATION OF A DOPED SEMICONDUCTOR NANOCRYSTALS FOR MULTICOLOR DISPLAYS AND BIO MARKERS.

(51) International classification :c09k

(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 :2612/DEL/2005

Filed on :29/09/2005

(71)Name of Applicant :

1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION MINISTRY OF DEFENCE

Address of Applicant :B-341, SENA BHAWAN, DHQ P.O. NEW DELHI-110011, INDIA

2)REGISTRAR INDIAN INSTITUTE OF SCIENCE

(72)Name of Inventor :

1)MANZOOR KOYAKUTTY

2)ADITYA VERMA

3)SAMPAT RAJ VADERA

4)NARENDRA KUMAR

5)THUNDYIL RAMAN NARAYANAN KUTTY

(57) Abstract :

This invention relates to a process for preparation of a doped semiconductor nanocrystals for multicolor displays and bio markers comprising steps of Mixing of 0.1-1 Molar of an aqueous or non-aqueous organic solution containing the first component of the host matrix with 0.001-0.01 Molar aqueous/non-aqueous solution containing the first dopant ions, which needs in situ modification of valency state, dissolving 10-20 milligram of an inorganic salt for the in situ reduction of the first dopant ion in the solution, addition of 0.001-0.01 Molar of an aqueous/non-aqueous solution of an inorganic salt containing the dopant ions which do not need modifications of their valency state, addition of 0.1-1 Molar of an aqueous/non-aqueous solution of an inorganic salt containing the second component of the host material, addition of 5-10% by weight of an aqueous solution containing a pH modifying complexing agent, to obtain a mixture, heating the mixture thus obtained in step (e) to obtain a solid layered micro-structural precursor compound, heating of the compound in solid form or in solution medium to obtain semiconductor nanocrystals.

No. of Pages : 22 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.130/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :19/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD OF MOLDING STRUCTURES IN PLASTIC SUBSTRATE

(51) International classification	:B29C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MOSER BAER INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :43B, OKHLA INDUSTRIAL ESTATE
(33) Name of priority country	:NA	NEW DELHI-110020. INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JAN MATTHIJS TER MEULEN
(87) International Publication No	:NA	2)PATRICK PEETERS
(61) Patent of Addition to Application Number	:NA	3)ERIK JAN PRINS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of manufacturing a substrate, characterized by a first surface and a second surface, for use in a semiconductor device is provided. The method includes providing a mold having a first template and/or a second template corresponding to a first texture and a second texture respectively. Then, the method includes injection molding a material for the substrate in the mold, to form the substrate, such that the material is injection molded to create the first texture on the first surface and/or the second texture on the second surface. The first texture and/or the second texture facilitate light extraction or light trapping in the semiconductor device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.192/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :27/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : ESTIMATION AND COMPENSATION OF CLOCK VARIATION IN RECEIVED SIGNAL

(51) International classification	:H04L	(71) Name of Applicant :
(31) Priority Document No	:NA	1)FREESCALE SEMICONDUCTOR, INC.
(32) Priority Date	:NA	Address of Applicant :6501 WILLIAM CANNON DRIVE
(33) Name of priority country	:NA	WEST, AUSTIN, TEXAS 78735 U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)TOMAR ROHIT
(87) International Publication No	:NA	2)BHARGAVA PRASHANT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for estimating and compensating for variation between a receiver clock and a transmitter clock, where a receiver utilizes a high frequency clock signal to generate a receiver clock and then adjusts the receiver clock to compensate for variations between the receiver and transmitter clocks. The adjusted receiver clock is used to sample nibble pulses in a received data frame. Counter based compensation of the receiver clock eliminates the need for the receiver to perform floating point calculations, improves the accuracy of nibble pulse sampling and also reduces area and power consumption of the device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.30/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :06/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF DEBITTERD ENDOSPERM MEAL FROM FENUGREEK SEEDS

(51) International classification

:A23L

(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 :AUNSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110 001, INDIA.

(72)Name of Inventor :

1)J. PURA NAIK

2)M. MADHAVA NAIDU

3)P.SRINIVAS

(57) Abstract :

An improved process for preparation of debitterd endosperm meal from fenugreek seeds The process of the present invention involves the steps of separation of endosperm from pericarp of fenugreek seeds, which is tightly bound with endosperm with uneven surface, by specific processing steps and grinding of the obtained endosperm by specific mill, eluting volatile and non volatile oils selectively from this endosperm powder in a column using hydrocarbon solution and drying of the spent residue. Subjecting the above spent dried residue to debittering process in a column using solvent mixture 0.1 to 10.0 %, preferably acetic acid in methanol till column residue is free from bitterness. Further washing the above column spent with alcohol to remove acid absorbed. Drying of the column residue in cross flow drier to obtain a neutraceutical rich debitterd refined endosperm meal.

No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3275/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : FLOW DISTURBANCE COMPENSATION FOR MAGNETIC FLOWMETER

(51) International classification :G01F 1/56
(31) Priority Document No :12/290,771
(32) Priority Date :03/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/005949
Filing Date :03/11/2009
(87) International Publication No :WO 2010/062373
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROSEMOUNT INC.
Address of Applicant :12001 TECHNOLOGY DRIVE, EDEN
PRAIRIE, MN 55344 U.S.A.
(72)**Name of Inventor :**
1)SHANAHAN BRET A.

(57) Abstract :

A transmitter for a magnetic flowmeter comprises a current source, memory and a signal processor. The current source energizes the flowmeter, such that the flowmeter generates an induced electromotive force in response to a process flow. The memory stores a flow configuration that describes a flow pipe disturbance in the process flow. The signal processor determines the flow rate as a function of the induced electromagnetic force, and as a further function of the flow configuration.

No. of Pages : 20 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3899/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :02/06/2010

(43) Publication Date : 30/08/2013

(54) Title of the invention : MATERIALS AND METHODS FOR USE IN BIOMASS PROCESSING

(51) International classification :G01N
(31) Priority Document No :60/984,976
(32) Priority Date :02/11/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/082047
Filing Date :31/10/2008
(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)Ceres Inc

Address of Applicant :1535 Rancho Conejo Boulevard
Thousand Oaks California 91320-1440 U.S.A.

(72)Name of Inventor :

1)HAMES Bonnie

2)KRUSE Tanya

3)THOMAS Steven R.

4)RAGAB Amr Saad

(57) Abstract :

Methods and materials for measuring the composition of plant biomass and predicting the efficiency of conversion of such biomass to various end products under various processing conditions are disclosed. For example, methods and materials for identifying plant material having higher levels of accessible carbohydrate, as well as materials and methods for processing plant material having higher levels of accessible carbohydrate are disclosed. Also disclosed are computer-implemented methods and systems that provide improved economic efficiencies to biorefineries.

No. of Pages : 102 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(21) Application No.135/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : MODIFIED PHOTOPROTEIN WITH HIGH AFFINITY FOR CALCIUM FOR LIVE CELL ASSAYS

(51) International classification :C07K 14/435

(31) Priority Document No :61/270,826

(32) Priority Date :14/07/2009

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

(86) International Application No :PCT/US2010/001902

Filing Date :06/07/2010

(87) International Publication No :WO 2011/008250

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MILLIPORE CORPORATION

Address of Applicant :290 CONCORD ROAD, BILLERICA,
MASSACHUSETTS 01821, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)LUCAS ARMSTRONG

2)MING LI

3)MATTHEW HSU

(57) Abstract :

The present invention provides modified photoproteins, e.g., modified Clytin, having an increased affinity for calcium as well as an enhanced bioluminescence and their use as calcium indicators in reporter gene systems and in cell-based assays.

No. of Pages : 50 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.193/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :27/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHODS FOR PROVIDING AN EMERGENCY CONTACT SERVICE IN A TELECOMMUNICATION NETWORK USING PERMISSIONS BASED ON STATUS OF REQUESTING ENTITIES

(51) International classification	:H04L	(71) Name of Applicant :
(31) Priority Document No	:NA	1)HEWLETT-PACKARD DEVELOPMENT COMPANY,
(32) Priority Date	:NA	L.P.
(33) Name of priority country	:NA	Address of Applicant :11445 COMPAQ CENTER DRIVE
(86) International Application No	:NA	WEST, HOUSTON, TEXAS 77070, U.S.A.
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)DEEP KUMAR H R
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods for providing a service in a telecommunication network are described herein. An emergency contact service is activated for a valid subscriber of a provider of the telecommunication network. A permission is associated with the emergency contact list. The permission grants access to an entity requesting access based on a status of the requesting entity. An access identifier correlates with the emergency contact list.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.212/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :31/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : A HORIZONTAL AXIS WIND TURBINE FOR AUGMENTING TORQUE.

(51) International classification	:F03D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR
(32) Priority Date	:NA	Address of Applicant :INDIAN INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY KANPUR, KANPUR-208016, UTTAR
(86) International Application No	:NA	PRADESH, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)KUNAL GHOSH
(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 a horizontal axis wind turbine for augmenting torque comprising of a central converging duct upstream of the nacelle allowing wind to enter axially, which is channeled through a right-angled gradual turn into a radial duct running through the length of a rotor blade, wherein the intake diameter is at least double that of nacelle, and wherein the ducted air is given a second turn near the blade tip and made to exit tangentially in a direction opposite to that of blade rotation and thereby producing an extra torque, and wherein the duct from intake to exit converges continuously and gradually, thus preventing possibility of boundary layer separation, and wherein the tip portion of the blade is bent through right angle toward high pressure side resulting in improvement of aerodynamic efficiency of the rotor blade.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2447/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :09/04/2010

(43) Publication Date : 30/08/2013

(54) Title of the invention : NANOTUBE ENABLED, GATE-VOLTAGE CONTROLLED LIGHT EMITTING DIODES

(51) International classification :H01L
(31) Priority Document No :60/971,147
(32) Priority Date :10/09/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/075866
Filing Date :10/09/2008
(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)UNIVERSITY OF FLORIDA RESEARCH FOUNDATION INC.
Address of Applicant :223 Grinter Hall Gainesville FL 32611 United States of America
(72)**Name of Inventor :**
1)RINZLER Andrew Gabriel
2)LIU Bo
3)MCCARTHY Mitchell Austin
4)REYNOLDS John Robert
5)SO Franky

(57) Abstract :

Embodiments of the invention relate to vertical field effect transistor that is a light emitting transistor. The light emitting transistor incorporates a gate electrode for providing a gate field, a first electrode comprising a dilute nanotube network for injecting a charge, a second electrode for injecting a complementary charge, and an electroluminescent semiconductor layer disposed intermediate the nanotube network and the electron injecting layer. The charge injection is modulated by the gate field. The holes and electrons, combine to form photons, thereby causing the electroluminescent semiconductor layer to emit visible light. In other embodiments of the invention a vertical field effect transistor that employs an electrode comprising a conductive material with a low density of states such that the transistors contact barrier modulation comprises barrier height lowering of the Schottky contact between the electrode with a low density of states and the adjacent semiconductor by a Fermi level shift.

No. of Pages : 28 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3903/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :02/06/2010

(43) Publication Date : 30/08/2013

(54) Title of the invention : CONNECTOR WITH AN INTEGRATED QUICK/CONNECT DISCONNECT AND EMERGENCY RELEASE SYSTEM□

(51) International classification	:f16k
(31) Priority Document No	:07122137.8
(32) Priority Date	:03/12/2007
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2008/006728
Filing Date	:03/12/2008
(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)SINGLE BUOY MOORINGS Inc.
Address of Applicant :Route de Fribourg 5 CH-1723 Marly Switzerland.
(72)**Name of Inventor :**
1)BAUDUIN Christian
2)BENOIT Jean Pierre

(57) Abstract :

Connector (12) for releasably attaching two hydrocarbon ducts, the connector comprising first and second connector members (7,8), each connector member (7,8) having a housing (18,19) with a fluid passage (40,41), a valve (42, 43) rotatably seated in the passage for closing off the fluid passage, drive members (21,22) attached to a respective valve (42,43) situated at an outer surface of the housing for rotation of the valves between an open state and a closed state, each drive member (21,22) comprising a displacement device (50,51) movable in an axial direction (A) of the housing (18,19) and a first and second force element (53,54, 55) coupled to a respective displacement device (50,51),.....

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.104/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :17/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : UNDECENOIC ACID BASED DIMER ACID ESTERS AS POTENTIAL BIOLUBRICANT BASE OILS

(51) International classification

:C07C

(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 AND INDUSTRIAL RESEARCH

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

(72)Name of Inventor :

1)VIJAYALAKSHMI PENUMARTHY

2)SANJIT KANJILAL

3)SARAVANAN KRISHNASAMY

4)RAO KASTURI VENKATA SESA ADINARAYANA

5)RACHAPUDI BADARI NARAYANA PRASAD

6)CHEGURU SNEHA LATHA

(57) Abstract :

Polymerization reaction of 10- undecenoic acid (UDA) was carried out with Montmorillonite K10 clay. The polymerized product after subsequent purification and distillation was found to be a mixture of monomer, dimer, trimer and higher polymers. The dimer fraction was isolated by distillation under reduced pressure and analyzed by physico-chemical methods. The dimer fraction was converted to various esters like methyl, propyl, butyl, 2- ethyl hexyl and evaluated for physico- chemical properties like acid value, viscosity, viscosity index and pour point and the esters are found to be potential bio-lubricant base oils with good low temperature properties.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.142/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :20/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : ALTERNATIVE PROCESS FOR MAKING OF PETHIDINE BASE□

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATIONAL INSTITUTE OF PHARMACEUTICAL
(32) Priority Date	:NA	EDUCATION AND RESEARCH (NIPER)
(33) Name of priority country	:NA	Address of Applicant :Sector-67 S.A.S Nagar Mohali
(86) International Application No	:NA	Punjab-160062 India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Ashwani Vig
(61) Patent of Addition to Application Number	:NA	2)Girivyankatesh Hippargi
Filing Date	:NA	3)Villendra Singh Negi
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for the manufacture of Pethidine.

No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.155/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :24/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : LUBRICANT TRACK SENSOR

(51) International classification

:F16C

(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 (INDIA) Uttarakhand India

(72)Name of Inventor :

1)SULTAN SINGH JAIN

(57) Abstract :

A Lubricant Track Sensor comprising to indicate the jamming of the wheel/s-49 due to scarcity of the lubricant (grease or mobile oil) in the ball bearing/s-3 characterised by a common axle-1 movably fitted with a pair of wheel-49 fitted with ball bearings-3 and this common axle-1 itself fitted on two bearings-4 shown in figs. 8 & 10 and a hollow fly wheel-18 approximately half filled with a fluid-17 rigidly fitted on the said common axle-1 in between the said two wheels-49 and the axle-1 of a dynamo-11 shown in fig. 10 is firmly connected to one end of the said common axle-1, wherein when the said ball bearing-3 is jammed due to scarcity of grease or any other reason, the said hollow fly wheel-18 starts rotating with its fluid-17 striking and sticking against the inner periphery of the hollow fly wheel-18 and the dynamo-11 begins to rotate thereby producing an electric current lighting the light bulb-22 of the defective coach-8 on the desk board-10 of the driver in the engine van whose circuit diagram shown in fig. 19 thereby warning the driver to offload this defective coach-8 at the forward station-35 as the common axle-1 starts rotating in its bearings-4

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3929/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :02/06/2010

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHODS FOR ADMINISTERING CORTICOSTEROID FORMULATIONS

(51) International classification :A61K
(31) Priority Document No :61/002,645
(32) Priority Date :09/11/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/083059
Filing Date :10/11/2008
(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

(71)Name of Applicant :
1)MAP PHARMACEUTICALS INC.
Address of Applicant :2400 BAYSHORE PARKWAY SUITE
200 MOUNTAIN VIEW CA 94043 UNITED STATES OF
AMERICA
(72)Name of Inventor :
1)SHREWSBURY Stephen B.
2)USTER Paul S.
3)BOSCO Andrew P.
4)ARMER Thomas A.

(57) Abstract :

Described here are methods for the treatment of respiratory conditions using nebulized corticosteroids. The methods administer a dose of corticosteroid twice a day or more with nebulization times of 5 minute or less. The faster nebulization times improve patient compliance. The methods also employ a lower corticosteroid dose while achieving therapeutic efficacy similar to commercially available formulations. This results in improved patient safety by reducing the systemic exposure of the corticosteroid.

No. of Pages : 26 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.406/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :17/02/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD AND COMPOSITION TO RETARD SORPTION OF PRESERVATIVES TO PLASTICS□

(51) International classification

:c07c

(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)PROMED EXPORTS PVT. LTD

Address of Applicant :261 Udyog Vihar Phase IV Gurgaon
122 001 National Capital Region Delhi India

**2)NATIONAL INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH (NIPER)**

(72)Name of Inventor :

1)Sateesh Chauhan

2)Manish Dare

3)Deepak Bahri

4)Arvind Kumar Bansal

5)Aeshna Amin

(57) Abstract :

The present invention provides a method and composition for retarding the sorption of preservatives in pharmaceutical liquids to a thermoplastic, comprising of one or more additives selected from the group consisting of caffeine, cyclodextrins, polyethylene glycols and propylene glycol, in an amount sufficient to retard the sorption of the preservative to the contacting plastic material or thermoplastic solid.

No. of Pages : 30 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1160/DELNP/2010 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : MANUALLY OPERABLE PORTABLE INFUSION DEVICE

(51) International classification :A61M
(31) Priority Document No :60/961,527
(32) Priority Date :20/07/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2008/001001
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)PERLMAN Danna

(57) Abstract :

A portable therapeutic fluid delivery device and a method for delivering a therapeutic fluid into a body of a patient are provided. In one aspect the therapeutic fluid delivery device and the method can be implemented using at least one housing securable to the body of the patient, a reservoir coupled to the at least one housing, a therapeutic fluid dispensing mechanism, a memory component, a controller, at least one bolus delivery button configured to signal the controller to initiate the delivery of the therapeutic fluid into the body of the patient; and, an inadvertent initiation prevention mechanism adapted for preventing the patient from activating the at least one bolus delivery button.

No. of Pages : 58 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.128/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :19/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : A PROCESS FOR PREPARATION OF FETA CHEESE FROM BUFFALO MILK USING MICROBIAL RENNET.

(51) International classification	:A23L,C12Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :KRISHI BHAVAN, DR. RAJENDRA
(33) Name of priority country	:NA	PRASAD ROAD, NEW DELHI-110 001. India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SANJEEV KUMAR
(87) International Publication No	:NA	2)S.K. KANAWJIA
(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 a process for preparation of feta cheese from buffalo milk using microbial rennet comprising steps of standardization of buffalo milk followed by heat treatment, addition of starter culture, priming and addition of microbial rennet.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.213/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :31/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF TALC BASED FORMULATION FOR LDPE-DEGRADING BACTERIAL CONSORTIA

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DEPARTMENT OF BIOTECHNOLOGY DELHI
(32) Priority Date	:NA	Address of Applicant :BLOCK 2, 7TH FLOOR, CGO
(33) Name of priority country	:NA	COMPLEX, LODI ROAD NEW DELHI-110003, INDIA
(86) International Application No	:NA	2)G.B. PANT UNIVERSITY OF AGRICULTURE AND
Filing Date	:NA	TECHNOLOGY
(87) International Publication No	:NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)REETA GOEL
Filing Date	:NA	2)ADITI SAH
(62) Divisional to Application Number	:NA	3)HARSHITA NEGI
Filing Date	:NA	4)ANIL KAPRI

(57) Abstract :

According to this invention there is provided process for the preparation of talc based formulation for LDPE -degrading bacterial consortia comprising the steps of: preparing active consortium dividing the active consortium into four parts in centrifuge tubes spinning the tubes at 5000rpm decanting the supernatant from the tubes subjecting the tubes to the step of vortexing, adding the talc to each tube vortexing the tubes with talc again for some time to produce a homogeneous mixture, pouring the mixture into glass dishes keeping the plates at room temperature as aseptically for drying

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3167/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : USE OF CARBOXYMETHYLCELLULOSE TO CONTROL EJECTABILITY AND SOLIDIFICATION OF TIME OF COMPOSITIONS ONE OR MORE BIORESORBABLE CERAMICS'

(51) International classification :A61L 27/02
(31) Priority Document No :PA 2008 01674
(32) Priority Date :17/11/2008
(33) Name of priority country :Denmark
(86) International Application No :PCT/EP2009/08496
Filing Date :27/11/2009
(87) International Publication No :WO 2010/060644
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)LIDDS AB

Address of Applicant :KULLAGATAN 8-10, S-252 20
HELSINGBORG (SE) Sweden

(72)Name of Inventor :

1)AXEN, NIKLAS

2)LENNERNAS, HANS

3)MALMSTEN, LARS, AKE

4)CARLSSON, ANDERS

(57) Abstract :

The present invention relates to the use of carboxymethylcellulose, notably sodium carboxymethylcellulose or other alkali metal or alkaline earth metal salts of carboxymethylcellulose, to control solidification time of compositions comprising one or more bioresorbable ceramics, notably a hydratable calcium sulphate, in order to facilitate preparation of a ready-to-use composition for inserting into the body by injection.

No. of Pages : 51 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.388/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :15/02/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : AN ENGAGEMENT AND DISENGAGEMENT DEVICE FOR ROTARY MOTION TRANSFER

(51) International classification

:f16c

(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)MAHAVIR SINGH

Address of Applicant :S/O SHREE SHREE CHAND

VILLAGE: BALROAD, P.O. CHANG ROAD, DISTT.

BHIWANI (HARYANA) 127022. INDIA

(72)Name of Inventor :

1)MAHAVIR SINGH

(57) Abstract :

An engagement and disengagement device for rotary motion transfer comprises a driving shaft 2 having a cylindrical portion 5 of the larger diameter integral to one end thereof. A slider boss 6 adapted to slide over the cylindrical portion along the axis of the driving shaft 2. The slider boss 6 is provided to engage and disengage the driving shaft 2 with the driven shaft 7. A socket 8 being secured with the driven shaft 7 to facilitate locking of the driven shaft 7 with the driving shaft 2 by a locking means 9. The locking means 9 is adapted to move in radial direction by means of the slider boss 6 adapted to be operated by a slider boss moving means 10.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.125/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :19/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : LIQUID ORAL COMPOSITIONS OF LANTHANUM SALTS

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PANACEA BIOTEC LIMITED
(32) Priority Date	:NA	Address of Applicant :B-1, EXTN.A/27, MOHAN
(33) Name of priority country	:NA	CO.OPERATIVE, INDUSTRIAL ESTATE, MATHURA ROAD,
(86) International Application No	:NA	NEW DELHI-110044 India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)JAIN, RAJESH
(61) Patent of Addition to Application Number	:NA	2)SINGH, SARABJIT
Filing Date	:NA	3)SINGH, PARAMJIT
(62) Divisional to Application Number	:NA	4)SINGH, PIRTHI PAL
Filing Date	:NA	

(57) Abstract :

The present invention relates to liquid oral pharmaceutical compositions of lanthanum and its pharmaceutically acceptable salts thereof. The present invention further relates to preparation of liquid oral pharmaceutical compositions of lanthanum and its salts and also provides use of such compositions in treating hyperphosphatemia in patients.

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.29/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :06/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : DITHERED POWER MATCHING OF LASER LIGHT SOURCES IN A DISPLAY DEVICE

(51) International classification

:H04N

(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)PRYSM, INC.

Address of Applicant :180 BAYTECH DRIVE, SUITE 110,
SAN JOSE, CA 95134, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)MAHAJAN, AMIT

2)VENKATASUBRAMANIAN, NARAYANAN

(57) Abstract :

A technique for managing image quality in a laser-based imaging system is provided. Laser light sources are organized into two or more groups, and optical output power of a light source group containing an under-performing laser is matched to that of the under-performing laser, while the optical output power of the light sources in the remaining groups is not. The output of the laser light sources in each group is interleaved with the output of the laser light sources in the other groups, so that perceptual uniformity of a displayed image is maintained when the display is viewed from an appropriate viewing distance.

No. of Pages : 30 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.365/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :14/02/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : A NOVEL PROCESS FOR PREPARATION OF AMINOPROPYL TRIETHOXY SILANE MODIFIED LAYERED DOUBLE HYDROXIDE FOR C-C BOND FORMING REACTIONS

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110 001, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)KULAMANI PARIDA
(61) Patent of Addition to Application Number	:NA	2)SUDARSHAN SINGHA
Filing Date	:NA	3)MITARANI SAHOO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a covalently organo-modified LDH (LDH/APTES) was found to be an efficient and reusable heterogeneous catalyst for C-C bond forming reactions (i.e. Aldol condensation, Knoevenagel condensation, Henry reaction, Michael addition). More particularly, this catalyst shows consistent activity for several cycles in C-C bond forming reaction. These catalysts were successfully characterized by XRD, FT-IR, ²⁹Si CP MAS NMR.

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4257/DELNP/2010 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : WASTEWATER TREATMENT PROCESS AND PLANT COMPRISING CONTROLLING THE DISSOLVED OXYGEN CONCENTRATION

(51) International classification	:c02f
(31) Priority Document No	:0722486.8
(32) Priority Date	:16/11/2007
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2008/065624
Filing Date	:14/11/2008
(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)JAVEL LIMITED

Address of Applicant :59 Ballagarey Road Glen Vine IM4
4EJ Great Britain U.K.

(72)Name of Inventor :

1)HOYLAND Garry

(57) Abstract :

The present invention relates to a process for treating wastewater that includes the steps of:- a contact step, wherein wastewater contacts bacteria retained on a support surface and the dissolved oxygen concentration of the wastewater is maintained at 2.0mg/l or less; an aeration step, wherein gas is passed through wastewater that has passed through the contact step and the dissolved oxygen concentration of the wastewater is reduced as the wastewater passes through the aeration step; a sedimentation step, wherein wastewater that has passed through the aeration step is substantially separated into treated water and sludge; and a sludge recycling step, wherein sludge from the sedimentation step is passed to the contact step. The invention also relates to a processing unit on which the aforementioned process may be operated.

No. of Pages : 39 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4258/DELNP/2010 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD OF ADMINISTERING CONJUGATES

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:61/003,212	1)ENDOCYTE INC.
(32) Priority Date	:15/11/2007	Address of Applicant :3000 Kent Avenue West Lafayette IN
(33) Name of priority country	:U.S.A.	47906 United States of America
(86) International Application No	:PCT/US2008/083580	(72)Name of Inventor :
Filing Date	:14/11/2008	1)Christopher Paul LEAMON
(87) International Publication No	: NA	2)P. Ronald ELLIS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method of treating a host animal to eliminate pathogenic cells. The method comprises the steps of administering to the host animal a hapten-carrier conjugate, administering to the host animal a TH-I biasing adjuvant, and administering to said host animal a ligand conjugated to a hapten herein the ligand-hapten conjugate is administered during the first cycle of therapy with the hapten-carrier conjugate. The invention also relates to the same method wherein the ratio of the hapten-carrier conjugate to the TH-I biasing adjuvant on a weight to weight basis ranges from about 1: 10 to about 1 :1.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.194/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :27/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : LIGHT-TRAPPING LAYER FOR THIN-FILM SILICON SOLAR CELLS

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MOSER BAER INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :43B, OKHLA INDUSTRIAL ESTATE
(33) Name of priority country	:NA	NEW DELHI-110020. INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MARK STELTENPOOL
(87) International Publication No	:NA	2)ROB VAN ERVEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A light trapping layer for use in a thin film solar cell is provided. The light trapping texture enhances efficiency of the thin film solar cell. The light trapping layer has a plurality of substantially flat areas between a plurality of periodically repeating non-pointed depressions with rounded edges. The plurality of substantially flat areas facilitates deposition and growth of a layer of transparent conductive oxide over said light trapping layer. The plurality of periodically repeating non-pointed depressions with rounded edges limit formation of at least one of cracks, voids, and low density areas in semiconductor layers of the thin film solar cell. Period of the non-pointed depressions ranges between 100 nanometers and 1500 nanometers, and depth of said non-pointed depressions ranges between 50 nanometers and 1200 nanometers.

No. of Pages : 28 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2671/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/04/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : ANTIBODIES AGAINST IL-25

(51) International classification :C07K 16/24
(31) Priority Document No :0817891.5
(32) Priority Date :30/09/2008
(33) Name of priority country :U.K.
(86) International Application No :PCT/IB2009/7302
Filing Date :30/09/2009
(87) International Publication No :WO 2010/038155
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MEDICAL RESEARCH COUNCIL
Address of Applicant :20 PARK CRESCENT LONDON W1B
1AL (GB) U.K.
(72)**Name of Inventor :**
1)MATTHEWS, DAVID, JOHN
2)BARLOW, JILLIAN
3)MCKENZIE, ANDREW, NEIL, JAMES

(57) Abstract :

The present invention relates to IL-25 antibody VH domains and target binding members (e.g., antibodies) that comprise such antibody VH domains and bind IL-25. The invention also relates to compositions comprising target binding members (e.g., antibodies) that bind IL-25, methods of producing such target binding members, and uses of such target binding members for the treatment or prevention of diseases and conditions (e.g., asthma, inflammatory bowel disease).

No. of Pages : 93 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.389/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :15/02/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : MICROBIAL CELLULOSE: AN OPTIMIZED ECONOMIC PROCESS FOR MICROBIAL CELLULOSE PRODUCTION FROM A NEWER SPECIES OF GLUCONACETOBACTER.

(51) International classification	:c12q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110 001, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)SAXENA RAJENDRA KUMAR
(61) Patent of Addition to Application Number	:NA	2)FIRDAUS JAHAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a novel and potent cellulose producing bacterial species, Gluconacetobacter oboediens which was isolated from mixed fruit residue deposited at MTCC, IMTECH, Chandigarh under the deposition number MTCC 5610. The process for the production of microbial cellulose by this bacterium was optimized and thus, an efficient and economic process for producing high titres of microbial cellulose was developed. Further, a novel and improved method for drying of microbial cellulose has been developed wherein the microbial cellulose mats were dried using a wooden plank and porous fabric as a base at room temperature. The microbial cellulose production was successfully scaled upto 5 liters volume of production medium in trays. The present invention also recites the production and optimization of microbial cellulose in different shapes and sizes (gloves and vessels) which will be of great help for burn and injured persons/patients.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.43/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : GRAVITY MODULATOR AND GRAVITY-MODULATION RECEPTION

(51) International classification	:g01l	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PAL, ANADISH KUMAR
(32) Priority Date	:NA	Address of Applicant :194 VAISHALI, PITAMPURA NEW
(33) Name of priority country	:NA	DELHI-110088 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PAL, ANADISH KUMAR
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An arrangement of gravity modulator and gravity-modulation receiver where photons or electromagnetic radiation is modulated electronically or mechanically to reach either a solid, liquid or mixed target to produce gravity modulation in the target to effect gravity signaling which is received by a gravity-modulation receiver in or not in physical contact with the target. In the receiver, one or more piezoelectric transducer/s or quartz crystal/s receive the gravity modulation amplified for further signal processing. When not in physical contact with the target, the piezoelectric transducer is loaded with a resonator mass of natural resonant frequency either equal to, one third or one fifth of the frequency of the gravity modulator, the quartz crystal/s is/are gravity biased with a high-density metal piece along one direction of the oscillation mode of the crystal/s with natural resonant frequency similar to the resonator mass.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2859/DELNP/2010 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PROCESSING BEARER UNDER ISR MECHANISM

(51) International classification :H04n
(31) Priority Document No :200810006272.7
(32) Priority Date :04/02/2008
(33) Name of priority country :China
(86) International Application No :PCT/CN2009/070163
Filing Date :15/01/2009
(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

(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)DI Zhiyu
2)WU Wenfu
3)WANG Shanshan

(57) Abstract :

A method and a system for processing a bearer under an idle mode signaling reduction (ISR) mechanism are provided. The method for processing a bearer under an ISR mechanism includes the following steps. A mobility management network element acquires an access mode of a current network. The mobility management network element notifies a serving gateway (SGW) of the access mode of the current network, so that the SGW processes bearer according to the access mode of the current network. It can be ensured that the access mode of the current network is consistent with the access mode for a policy and charging control (PCC) strategy adopted during a bearing procedure under the ISR mechanism.

No. of Pages : 31 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4284/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :15/06/2010

(43) Publication Date : 30/08/2013

(54) Title of the invention : NOVEL METHOD FOR THE PREPARATION OF INTERMEDIATES USEFUL FOR THE SYNTHESIS OF VITAMIN D ANALOGUES

(51) International classification	:C07C
(31) Priority Document No	:60/558,546
(32) Priority Date	:02/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/DK2005/000203
Filing Date	:23/03/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:5703/DELNP/2006
Filed on	:29/09/2006

(71)**Name of Applicant :**
1)LEO Pharma A/S
Address of Applicant :Industriparken 55 DK-2750 Ballerup
Denmark
(72)**Name of Inventor :**
1)HANSEN Erik Torngaard
2)SABROE Thomas Peter
3)CALVERLEY Martin John
4)PEDERSEN Henrik
5)DEUSSEN Heinz-Josef Wilhelm

(57) Abstract :

The present invention relates to novel methods for the preparation of intermediates which are useful in the synthesis of calcipotriol. The present invention relates further to the use of intermediates produced with said methods for making calcipotriol or calcipotriol monohydrate.

No. of Pages : 34 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4285/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :15/06/2010

(43) Publication Date : 30/08/2013

(54) Title of the invention : NOVEL METHOD FOR THE PREPARATION OF INTERMEDIATES USEFUL FOR THE SYNTHESIS OF VITAMIN D ANALOGUES

(51) International classification :C07C
(31) Priority Document No :60/558,546
(32) Priority Date :02/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/DK2005/000203
Filing Date :23/03/2005
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :5703/DELNP/2006
Filed on :29/09/2006

(71)Name of Applicant :
1)LEO Pharma A/S
Address of Applicant :Industriparken 55 DK-2750 Ballerup
Denmark
(72)Name of Inventor :
1)HANSEN Erik Torngaard
2)SABROE Thomas Peter
3)CALVERLEY Martin John
4)PEDERSEN Henrik
5)DEUSSEN Heinz-Josef Wilhelm

(57) Abstract :

The present invention relates to novel methods for the preparation of intermediates which are useful in the synthesis of calcipotriol. The present invention relates further to the use of intermediates produced with said methods for making calcipotriol or calcipotriol monohydrate.

No. of Pages : 34 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4286/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :15/06/2010

(43) Publication Date : 30/08/2013

(54) Title of the invention : NOVEL METHOD FOR THE PREPARATION OF INTERMEDIATES USEFUL FOR THE SYNTHESIS OF VITAMIN D ANALOGUES

(51) International classification	:C07C
(31) Priority Document No	:60/558,546
(32) Priority Date	:02/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/DK2005/000203
Filing Date	:23/03/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:5703/DELNP/2006
Filed on	:29/09/2006

(71)Name of Applicant :

1)LEO Pharma A/S

Address of Applicant :Industriparken 55 DK-2750 Ballerup
Denmark

(72)Name of Inventor :

1)HANSEN Erik Torngaard

2)SABROE Thomas Peter

3)CALVERLEY Martin John

4)PEDERSEN Henrik

5)DEUSSEN Heinz-Josef Wilhelm

(57) Abstract :

The present invention relates to novel methods for the preparation of intermediates which are useful in the synthesis of calcipotriol. The present invention relates further to the use of intermediates produced with said methods for making calcipotriol or calcipotriol monohydrate.

No. of Pages : 34 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4287/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :15/06/2010

(43) Publication Date : 30/08/2013

(54) Title of the invention : HANDOFF METHOD, SWITCHING DEVICE AND TERMINAL

(51) International classification :h04w
(31) Priority Document No :200710172402.X
(32) Priority Date :13/12/2007
(33) Name of priority country :China
(86) International Application No :PCT/CN2008/073215
Filing Date :27/11/2008
(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)Huawei Technologies Co. Ltd.
Address of Applicant :Huawei Administration Building
Bantian Longgang District Shenzhen Guangdong 518129 P.R.
China.
(72)Name of Inventor :
1)YANG Shengqiang

(57) Abstract :

A handoff method, a switching device, and a terminal are provided. A first service link is established between a first terminal and a second terminal through a switching device. The method includes the following steps. A first switching device receives a call request from the first terminal; and the first switching device sends a link establishment request to the switching device on the first service link according to the call request. A switching device and a terminal are also provided. By adopting the handoff method, the switching device, and the terminal, only the switching device on the first service link is required to be updated to support the universal handoff logic, and it makes no requirement of whether the first switching device supports the universal handoff logic. In the case that it is difficult to update all the switches one by one to support the universal handoff logic in the current network, the handoff method is simple to operate and has wide universality.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4288/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :15/06/2010

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING AND DECODING

(51) International classification :g10L
(31) Priority Document No :200810084077.6
(32) Priority Date :26/03/2008
(33) Name of priority country :China
(86) International Application No :PCT/CN2009/071030
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)Huawei Technologies Co. Ltd.
Address of Applicant :Huawei Administration Building
Bantian Longgang District Shenzhen Guangdong Province
518129 P.R. China.
(72)Name of Inventor :
1)SHLOMOT Eyal
2)ZHANG Libin
3)DAI Jinliang

(57) Abstract :

An encoding method includes: extracting background noise characteristic parameters within a hangover period; for a first superframe after the hangover period, performing background noise encoding based on the extracted background noise characteristic parameters; for superframes after the first superframe, performing background noise characteristic parameter extraction and DTX decision for each frame in the superframes after the first superframe; and for the superframes after the first superframe, performing background noise encoding based on extracted background noise characteristic parameters of the current superframe, background noise characteristic parameters of a plurality of superframes previous to the current superframe, and a final DTX decision. Also, a decoding method and apparatus and an encoding apparatus are disclosed. With the invention, bandwidth occupancy may be reduced substantially while the signal quality is guaranteed.

No. of Pages : 55 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.127/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :19/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : A PROCESS FOR THE PRODUCTION AND ANTIFUNGAL SOLUTION

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)URBAN WASTE MANAGEMENT LABORATORY
(32) Priority Date	:NA	Address of Applicant :DOLPHIN PG INSTITUTE,
(33) Name of priority country	:NA	MANDUWALA CHAKARATA ROAD, DEHRADUN 248007
(86) International Application No	:NA	Uttarakhand India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)DEEPAK PANT
(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 the production of antimicrobial and anti fungal solution from spend polycarbonate Disc or waste. According to this invention there is provided a process for the production of antimicrobial and antifungal solution for the spent polycarbonate waste comprising: (a) producing a clear solution of cyclic carbonate (b) treating the polycarbonate waste with cyclic carbonate at a temperature range of 25° C to 250°C to produce the required solution.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1389/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :11/05/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : IN-LINE INSPECTION METHODS AND CLOSED LOOP PROCESSES FOR THE MANUFACTURE OF PREPREGS AND/OR LAMINATES COMPRISING THE SAME

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:12/787,464	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:26/05/2010	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MAY ANDRZEJ MICHAL
(87) International Publication No	:NA	2)FAIDI WASEEM IBRAHIM
(61) Patent of Addition to Application Number	:NA	3)QUEK SHU CHING
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In-line inspection methods are provided. The methods comprise measuring at least two parameters/properties of a prepreg and/or laminate during the manufacture thereof. In some embodiments, the data collected using the inline inspection methods may be processed and/or provided (408) to a manual or automated controller (402), in order to provide a closed loop method (400) for the manufacture of the prepregs and/or laminates. Apparatus for carrying out the methods are also provided, as are articles comprising a prepreg and/or laminate made using the apparatus.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.159/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :24/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : A DUAL FUEL (CNG/LPG) PASSENGER VEHICLES WITH SMALLER CAPACITY GASOLINE TANK.

(51) International classification

:F17C

(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)MARUTI SUZUKI INDIA LIMITED

Address of Applicant :1, NELSON MANDELA ROAD,
VASANT KUNJ, NEW DELHI-110070, INDIA.

(72)Name of Inventor :

1)SUNIL MALHOTRA

(57) Abstract :

This invention relates to a dual fuel (CNG/LPG) passenger vehicles comprising of smaller capacity fuel tank enabling the vehicle to get started in gasoline mode followed by switching over to CNG/LPG mode.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.178/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :25/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : REGIONAL CONTENT

(51) International classification

:G06Q

(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)NDS LIMITED

Address of Applicant :ONE LONDON ROAD, STAINES,
MIDDLESEX TW18 4EX U.K.

(72)Name of Inventor :

1)CHAKKA SATISH

(57) Abstract :

A Headend apparatus to provide content to end-user receiver devices in a plurality of geographic regions, the apparatus including a receiver to receive video content for a plurality of services for consumption across all the geographic regions, and receive regional content, each service including at least one regional content item for each geographic region, a packer to pack into packets the video content for each service, and the at least one regional content item for each service for each geographic region, provide content type identifiers and include at least one content type identifier in each packet, and a table creator to create tables to enable the end-user devices to filter packets, and a stream module to prepare a transport stream including the packets including the video content for each service and the at least one regional content item for each service for each geographic region. Related apparatus and methods are also described.

No. of Pages : 42 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3015/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :25/04/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : IMAGE TRANSMISSION METHOD

(51) International classification	:G01M
(31) Priority Document No	:12/261, 524
(32) Priority Date	:30/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2009/001524
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)RAJA TULI

Address of Applicant :555 RENE LEVESQUE WEST SUITE
1130 MONTREAL QUEBEC H2Z 1B1 Canada

(72)Name of Inventor :

1)RAJA TULI

(57) Abstract :

The present invention relates to an image transmission method employed for communication between a Portable Device and a remote server by means of a network. It discloses a method for shortening the period during which the user of the Portable Device is left to wait for the loading of the webpage image on the device screen, which is part of the overall time required to navigate the web using a Portable Device.

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.458/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : BIDIRECTIONAL TRANSLITERATION METHOD AND SYSTEM THEREOF

(51) International classification	:g06f	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NAGENDER PARASHAR
(32) Priority Date	:NA	Address of Applicant :1418, SECTOR 19, FARIDABAD,
(33) Name of priority country	:NA	HARYANA, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NAGENDER PARASHAR
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates a method and system for bidirectional transliteration using a combination of Latin letters and special-characters for denoting all sounds of the Hindi alphabets. This method is based on specially constructed transliteration rules called PHS RULES (PHS=Practical Hindustani Script) for intuitive transliteration. These PHS rules allow using either Hindi (Devnagri) or Hindi (PHS) for reading and writing the Hindi language letters, words, sentences and texts. The utmost objective of the present invention is to provide a new way of transliteration that makes it possible to directly read the text of Hindi, transliterated into PHS using Latin alphabets, so effortlessly as if the reader was reading the Hindi text itself.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.158/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :24/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : AN AUTOMATIC JACK.

(51) International classification

:B66F

(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)GURDIT SINGH

Address of Applicant :A-112, RG CITY CENTRE, MOTIA
KHAN, OPP. PAHARGANJ THANA, NEW DELHI-110 055.
India

2)AVTAR SINGH

(72)Name of Inventor :

1)GURDIT SINGH

2)AVTAR SINGH

(57) Abstract :

This invention relates to an automatic jack comprising of a motor connected to a screw by means of a gear to actuate lowering/lifting arms connected to each other. The jack is connected to a cable provided with a switch wherein farther end of said cable is connected with the car for drawing power from the car battery during use. The jack is associated with advantageous features : Stays fixed in uplifted condition, Cost effective, Higher load carrying capacity, Angular movement of the lowering/ lifting arms, Consumes very less electricity and time during operation and Can lift even a fully loaded four wheelers/six wheelers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.27/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :06/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : DETECTING CHANGES THROUGH SNMP POLLING

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CISCO TECHNOLOGY, INC.
(32) Priority Date	:NA	Address of Applicant :170 WEST TASMAN DRIVE, SAN
(33) Name of priority country	:NA	JOSE, CALIFORNIA 95134-1706 (US) U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SAIPRASAD GANGALAPUR VEERABHADRAPPA
(87) 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 detecting device changes using SNMP polling are described. In response to determining that an MIB of a managed device has changed, the devices SNMP agent identifies the altered objects in the devices MIB. In response to detecting such a change, the SNMP agent generates a bitmap. This bitmap identifies all the MIBs objects that have changed. The NMS may access and use this bitmap to take further action. For example, the NMS may use the bitmap to poll only the changed objects in the MIB, rather than all of the objects in the MIB (including the unchanged objects). Because fewer than all of the MIBs objects need to be polled in order to identify changes to the managed device, both the burden on the device and the bandwidth required for the polling is significantly reduced.

No. of Pages : 36 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.41/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :10/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : NEW ANTILEPROSY DRUG

(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)DR. TANVIR HUSAIN ZAIDI

Address of Applicant :DR. TANVIR HUSAIN ZAIDI

SECTOR-1, MASJID COMPOUND, SECTOR-1, BHEL,
HARIDWAR 249403 Uttarakhand India

(72)Name of Inventor :

1)DR. TANVIR HUSAIN ZAIDI

(57) Abstract :

Ciprofloxacin in twice the normal dose can be used either as primary drug to cure leprosy or along with other anti leprosy drugs.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.44/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : FRAGMENT RESISTANT STRUCTURE

(51) International classification	:F41H,D03D	(71) Name of Applicant :
(31) Priority Document No	:NA	1)MKU PVT LTD
(32) Priority Date	:NA	Address of Applicant :103, CHANDRALOK COMPLEX,
(33) Name of priority country	:NA	26/72-D, BIRHANA ROAD, KANPUR-208 001 Uttar Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)NEELAM GUPTA
(61) Patent of Addition to Application Number	:NA	2)MANISH KHANDELWAL
Filing Date	:NA	3)ABHIJIT MONDAL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fragment resistant structure for providing protection from shrapnel and the like is disclosed. In one aspect the fragment resistant structure includes a plurality of fragment resistant woven fabric layers and a plurality of fragment resistant non-woven fabric layers. Each of the plurality of fragment resistant woven fabric layers is disposed parallel to one of the plurality of fragment resistant non-woven fabric layers. In another aspect the fragment resistant structure includes a plurality of fragment resistant woven fabric layers and a plurality of fragment resistant non-woven fabric layers. The plurality of fragment resistant non-woven fabric layers is disposed parallel to the plurality of fragment resistant woven fabric layers.

No. of Pages : 18 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5087/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :13/07/2010

(43) Publication Date : 30/08/2013

(54) Title of the invention : SINTERED MAGNET PRODUCTION SYSTEM

(51) International classification	:H01F	(71)Name of Applicant :
(31) Priority Document No	:2007-339359	1)INTERMETALLICS CO. LTD.
(32) Priority Date	:28/12/2007	Address of Applicant :1-36 Goryo Ohara Nishikyo-ku
(33) Name of priority country	:Japan	Kyoto-shi Kyoto 615-8245 Japan
(86) International Application No	:PCT/JP2008/	2)MITSUBISHI CORPORATION
Filing Date	003877	(72)Name of Inventor :
(87) International Publication No	:22/12/2008	1)SAGAWA Masato
(61) Patent of Addition to Application Number	: NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is aimed at providing a sintered magnet production system that can prevent the influences of a leaking magnetic field in an orienting process. A sintered magnet production system according to the present invention has a filling means 11 for filling an alloy powder into a filling/sintering container, a sintering means 13 for sintering the alloy powder, and an orienting means 12 with an air-core coil for producing a magnetic field for orienting the alloy powder in the filling/sintering container after the filling process and before the sintering process, the axis of the air-core coil being displaced from a straight line connecting the filling means 11 and the sintering means 13.

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

(54) Title of the invention : CHIRAL 1-[1-(4-METHYL-BENZYL)-5-OXO-PYRROLIDINE-2-CARBONYL]-CARBAMIC ACID TERT-BUTYL ESTERS AS INHIBITORS OF COLLAGEN INDUCED PLATELET ACTIVATION AND ADHESION

(51) International classification

(31) Priority Document No

(32) Priority Date

(33) Name of priority country

(86) International Application No

Filing Date

(87) International Publication No

(61) Patent of Addition to Application Number

Filing Date

(62) Divisional to Application Number

Filing Date

:C07C

:NA

:NA

:NA

:NA

:NA

:NA

:NA

:NA

:NA

:NA

(71)Name of Applicant :

1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

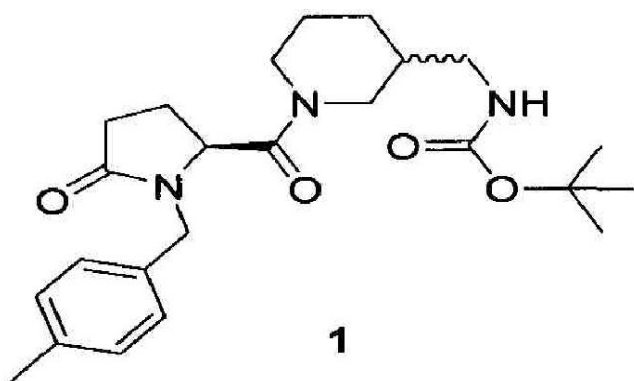
Address of Applicant :AUNSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110 001, INDIA.

(72)Name of Inventor :

1)DINESH KUMAR DIKSHIT**2)MADHU DIKSHIT****3)TANVEER IRSHAD SIDDIQUI****4)ANIL KUMAR****5)RABI SANKAR BHATTA****6)GIRISH KUMAR JAIN****7)MANOJ KUMAR BARTHWAL****8)ANKITA MISRA****9)VIVEK KHANNA****10)PREM PRAKASH****11)MANISH JAIN****12)VISHAL SINGH****13)VARSHA GUPTA****14)ANIL KUMAR DWIVEDI**

(57) Abstract :

The present invention provides chiral (2S)-1-(4-methylphenylmethyl)-5-oxo-(3S)-{N-[(3-t-butoxycarbonyl aminomethyl)]-piperidin-1-yl}-pyrrolidine-2-carboxamide, and (2S)-1-(4-methylphenylmethyl)-5-oxo-(3R)-{N-[(3-t-butoxycarbonyl amino methyl)]-piperidin-1-yl}-pyrrolidine-2-carboxamide of formula 6 and 7 respectively. The present invention also relates to use of these moieties as inhibitors of collagen induced platelet adhesion and aggregation mediated through collagen receptors. The present invention provides a process for preparation of chiral carboxamides of formula 6 and 7 using the process which has advantage to avoid any racemization at the α -carboxylic center, during N-alkylation. The reagent LiHMDS is used at low temperatures to furnish methyl N-(p-methylphenylmethyl)lpyroglutamate in good chiral purity.



No. of Pages : 65 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2176/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :27/03/2010

(43) Publication Date : 30/08/2013

(54) Title of the invention : NANOCRYSTALLINE SPHERICAL CERAMIC OXIDES, PROCESS FOR THE SYNTHESIS AND USE THEREOF □

(51) International classification	:C01B
(31) Priority Document No	:103838
(32) Priority Date	:28/09/2007
(33) Name of priority country	:Portugal
(86) International Application No	:PCT/IB2008/053932
Filing Date	:26/09/2008
(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)CUF-COMPANHIA UNIAO FABRIL SGPS S.A.

Address of Applicant :Estrada Nacional 10 P-2616-907

Alverca Do Ribatejo Portugal

(72)Name of Inventor :

1)CALADO DA SILVA João Manuel

2)DOS SANTOS ANTUNES Elsa Marisa

(57) Abstract :

The present invention refers to nanocrystalline spherical ceramic oxides, to the process for the synthesis and use thereof. These oxides, obtained by detonation of a water-in-oil emulsion (W/O), besides having a spherical morphology and nanocrystallinity, show a set of complementary features, namely a particle dimension inferior to 40 urn, bimodal particle size distribution, high purity, deagglomeration and stable crystalline stages. This set of features makes these powders particularly suitable for several applications such as coating processes, near net shape processes and, when applied in ceramics industry, they provide dense and porous ceramic objects of exceptionally high mechanical resistance.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.470/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING OFFERS FOR PREPAID TELEPHONY ACCOUNTS

(51) International classification	:g06q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)OORJA MOBILE SERVICES PRIVATE. LIMITED
(32) Priority Date	:NA	Address of Applicant :First Floor Devika Tower Nehru Place
(33) Name of priority country	:NA	New Delhi 110019 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAJIV MADHOK
(87) International Publication No	: NA	2)DEEPAK MITTAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for managing offers for prepaid telephony accounts of a plurality of users is provided. The method includes obtaining information related to user profiles and usage patterns of a plurality of telecommunication services offered to the plurality of users through their respective prepaid telephony accounts. The method also includes customizing prepaid telephony offers for each of the plurality of users based upon the information related to the user profiles and the usage patterns and delivering the customized prepaid telephony offers to a mobile device of each of the plurality of users via unstructured supplementary services data (USSD) messages.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.54/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : A SYSTEM FOR MEASUREMENT OF TRACTOR WHEEL SLIP.

(51) International classification

:B60T

(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)ESCORTS LIMITED

Address of Applicant :AGRI MACHINERY GROUP, 18/4,
MATHURA ROAD, FARIDABAD- 121 007 Haryana India

(72)Name of Inventor :

1)M. K. VIRMANI

2)ASHISH ARORA

3)SANTANU KUMAR JENA

4)MANOJ RANJAN JHA

(57) Abstract :

This invention relates to a system for measurement of tractor wheel slip comprising of a means to measure pulses is connected to a controller to obtain slip, which is in communication with global positioning system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.65/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :12/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : MOLECULAR MARKER LINKED TO THE GENE EXHIBITING RESISTANCE AGAINST BLACKROT (XANTHOMONAS CAMPESTRIS PV. CAMPESTRIS (PAMMEL) DAWSON) IN CAULIFLOWER (BRASSICA OLERACEA VAR. BOTRYTIS).

(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)DR. Y.S. PARMAR UNIVERSITY OF HORTICULTURE AND FORESTRY

Address of Applicant :NAUNI, SOLAN-173230 HIMACHAL PRADESH Uttar Pradesh India

(72)Name of Inventor :

1)RAJINDER KAUR

2)MONIKA KASHYAP

3)BHAWNA SAXENA

4)HARDAYAL SINGH KANWAR

5)NETAR PARKASH DOHROO

6)SATYA VRAT BHARDWAJ

(57) Abstract :

A simple sequence repeat (SSR) marker used for the identification of blackrot resistance cauliflower comprising of forward primer and a reverse primer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.141/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :20/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : A PROCESS FOR PREPARATION OF A HOMOGENEOUS POLYMER BLENDS PARTICULARLY BLENDS OF POLYCARBONATE (PC) AND POLY(METHYL METHACRYLATE) (PMMA).

(51) International classification

:C08L

(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)DEPARTMENT OF INFORMATION TECHNOLOGY (DIT)

Address of Applicant :MINISTRY OF COMMUNICATIONS & INFORMATION TECHNOLOGY, 6 CGO COMPLEX, NEW DELHI, India

2)INSTITUTE OF TECHNOLOGY, BANARAS HINDU UNIVERSITY

(72)Name of Inventor :

1)RAJIV PRAKASH

2)AKHILESH KUMAR SINGH

3)DHANANJAI PANDEY

(57) Abstract :

A process for the preparation of homogenous polymer blends particularly blends of polycarbonate (PC) and poly(methyl methacrylate) (PMMA) This invention relates to a process for preparation of homogenous polymer blends, particularly blends of polycarbonate (PC) and poly(methyl methacrylate) (PMMA), comprising blending of PC and PMMA with transesterification catalysts to obtain homogeneous PC/PMMA blend preparations by extrusion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.160/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :24/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : A NOVEL SINDIBUS VIRUS RNA DEPENDENT RNA POLYMERASE BASED SELF REPLICATING DNA VACCINE VECTOR FOR HUMORAL RESPONSE

(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)DEPARTMENT OF BIOTECHNOLOGY

Address of Applicant :DEPARTMENT OF

BIOTECHNOLOGY, BLOCK II, 7TH FLOOR, CGO

COMPLEX, LODHI ROAD, NEW DELHI-110003, India

2)INDIAN VETERINARY RESEARCH INSTITUTE

(72)Name of Inventor :

1)V.V.S. SURYANARAYANA

(57) Abstract :

A Novel sindbis RNA dependent RNA polymerase based self replicating DNA vaccine vector for humoral response. This invention describe a novel self replicating DNA vaccine vector with Sindbis virus RNA dependent RNA polymerase for RNA amplification and is capable of high antigen production and secretion , facilitating the presentation of the antigen to the antigen presenting cells and humoral response.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.173/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :25/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : A SEALED ENDS CEMENT TUBEWELL PIPE

(51) International classification	:B28B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BALJINDER SINGH
(32) Priority Date	:NA	Address of Applicant :BALJINDER SINGH S/O BABU
(33) Name of priority country	:NA	SINGH VILL. TILOKEWALA, VIA KALANWALI, DIST-
(86) International Application No	:NA	SIRSA (HARYANA), PIN-125201 India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)BALJINDER SINGH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Sealed Ends Cement Tubewell Pipe comprising a pipe having grooves on the outer periphery for receiving the seal socket on the both ends, wherein the pipe having a diameter of 8 to 14 pipe size and length can be 2 to 3 meter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.39/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :07/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : REAL TIME DEMAND SUPPLY CONTROL SYSTEM

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MISHRA, VAIBHAV
(32) Priority Date	:NA	Address of Applicant :3/39, VISHNUPURI, NAWABGANJ,
(33) Name of priority country	:NA	KANPUR-208002, UTTAR PRADESH, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MISHRA, VAIBHAV
(87) 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 real-time demand and supply control system in a supply chain management. Further, the invention relates to a system for managing Just in Time inventory and overall monitoring and recommending solutions to minimize error conditions in supply chain distribution of any commodity/goods from the manufacturer point to the retailer end. The invention further relates to an automated artificial intelligence environment and system to manage manufacturing unit in response to the deviation in demand and hence reducing the inventory costs as well as losses due to under-supply of commodities.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.59/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :12/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : A NOVEL NANO FILTRATION CLEANING METHOD AND AN IMPROVED FILTRATION SYSTEM

(51) International classification	:b01d,c02f	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SANT PRASAD GAUTAM
(32) Priority Date	:NA	Address of Applicant :N-13, NIVEDITA KUNJ, SECTOR-10,
(33) Name of priority country	:NA	R.K. PURAM, NEW DELHI India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SANT PRASAD GAUTAM
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel nano filtration cleaning method using centripetal and centrifugal forces and an improved filtration system. In this invention the new system is provided which cleans the cartridge of nano filters in an effective manner. The disclosed system can clean the cartridge of the filter without removing it from the filter by applying centripetal force.

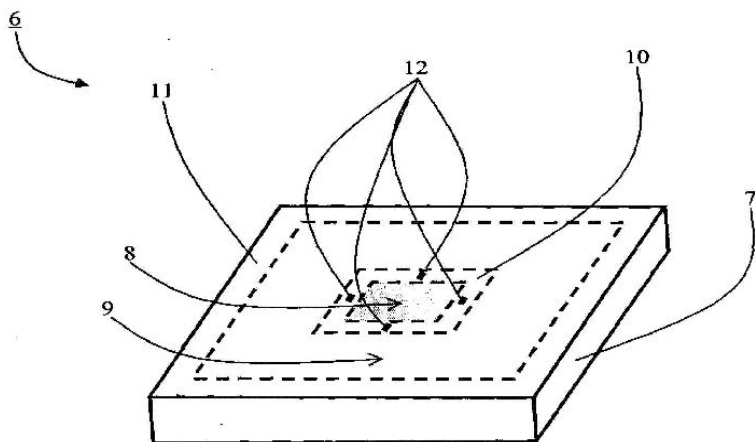
No. of Pages : 14 No. of Claims : 6

(54) Title of the invention : A NOVEL ARCHITECTURE FOR VERY SENSITIVE PRESSURE SENSOR

(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHANU SHANKER CHAURASIA
(32) Priority Date	:NA	Address of Applicant :BHANU SHANKER CHAURASIA D
(33) Name of priority country	:NA	54/19, AURANGABAD, VARANASI-221 010 Uttar Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	2)ANAND MOHAN
(87) International Publication No	:NA	3)S. K. BALASUBRAMANIAN
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BHANU SHANKER CHAURASIA
(62) Divisional to Application Number	:NA	2)ANAND MOHAN
Filing Date	:NA	3)S. K. BALASUBRAMANIAN

(57) Abstract :

The present invention is a new improved pressure sensor (6) having a novel architecture (7) made of any suitable material. In this, the pressure sensor includes a diaphragm (8) integrally linked to its inner side supporting walls / frame (10) around it and extending through its annex (9) up to another side supporting wall (11) at the outside and a plurality of pressure sensing elements (12), like strain gauge / piezoresistors, are disposed selectively at most prominent locations of high stress to achieve high sensitivity, bandwidth and other parameters. Therefore it provides a pressure sensor giving many fold high sensitivity and overcoming many of the problems associated with the conventional pressure sensors / transducers.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.156/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :24/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : SELF SAFE JOURNEY TRAIN

(51) International classification

:E01B

(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 (INDIA) Uttarakhand India

(72)Name of Inventor :

1)SULTAN SINGH JAIN

(57) Abstract :

A Self Safe Journey Train comprising a life wire-22 spanning between two stations on an en-route above the roof of an engine van-15, supported on poles-26 at sufficient distance apart but insulated from them and having its underneath face smooth. A slip conductor-34 fitted underneath the said life wire-22 to remain in touch with it, mounted on said engine van-15 and insulated from its body and connected to the supply voltage-38T shown in the circuit diagram figs. 10,12 &13. The entire track is divided into a Distance track-33D and its both rails 28A bottom flange having a groove-17 shown in fig. 4 to hide an insulated wire-19 intact and so formed Distance track-33D is insulated from the station tack-33S having its one rail-28B shown in fig. 5 but its other rail shown in fig. 6 is insulated from the said rail-28B and all the three rails are fastened on a sleeper RCC-39. The voltage supply-38T is supplied from an Up train=44U through its slip conductor-34 to the life wire- 22 and it is received by a Down train-44D through its slip conductor-34 from the life wire-22.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.282/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :04/02/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYSTEM AND METHOD FOR DETECTING SULPHUR MUSTARD AT 0.0004mg/CuM

(51) International classification

:C07C

(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)Director General Defence Research and Development Organization

Address of Applicant :Ministry of Defence Govt. of India
Room No 348 B-Wing DRDO Bhawan Rajaji Marg New Delhi
110105 India

(72)Name of Inventor :

1)RAVI GURUPADAIAH REVAIAH

2)MANORAMA TRIPATHI

3)CHANDRASHEKAR MADHAVRAO THORAT

4)TEGGINAMATH KOTRESH

5)Dr. AGARAM SRINIVASA MURTHY KRISHNA PRASAD

6)Dr. VINOD CHIDAMBAR PADAKI

(57) Abstract :

The present invention provides a system for detecting Sulphur Mustard at 0.0004mg/ CuM comprising a modified gas chromatograph whose minimum detection limit for sulphur mustard is 0.05 ng. The present invention also provides a method for detecting sulphur mustard at 0.0004mg/CuM comprising the following steps: (i) Preparing sulphur mustard stock solution and calibration standards; (ii) sampling of air in resin tube; (iii) desorbing the solution using a suitable solvent; (iv) analyzing the solution on a modified Gas Chromatograph having a minimum detection limit of 0.05ng; (v) comparing the average area with the area of 0.1ng standard and analyzing the efficiency of the method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2906/DEL/2008 A

(19) INDIA

(22) Date of filing of Application :22/12/2008

(43) Publication Date : 30/08/2013

(54) Title of the invention : SAFE SIGNAL TRAIN TRACK

(51) International classification

:G04G

(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 :

A TELE LOCK comprising a locking mechanism fitted in the door frame3 and a receptacle 17 fitted in the shutter 22 where in a spring loaded bolt 2 fitted in the Tele Lock as explained in the specification is moved in the receptacle 17 when the door is closed .but the telephone 25C receiver can lock this bolt 2 if he feels a threatening call through the Tele Lock as shown in figs 1&2 and explained and the terrorist inside cabin has no alternate to escape till the police arrest him.

No. of Pages : 6 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.449/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : TOURNI QUICK

(51) International classification

:a61l

(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)SHANEEL K. JAIN

Address of Applicant :FLAT NO. 424, POCKET C, SHEIKH SARAI, PHASE 1, NEW DELHI India

(72)Name of Inventor :

1)SHANEEL K. JAIN

(57) Abstract :

This invention utilizes strong elastic latex band, uniquely designed to support fractured limbs or traumatized body parts; self-administrable with or without splints / compression bandages/ conforming gauzes etc. Traumatized body parts after decontaminating and first aid/ treatment can be supported by using this compression device, both in contaminated and non-contaminated regions. It is meant to be used for effective management of physical trauma both in field settings as well as clinical set-up. Inventor: Shri Shaneel K. Jain

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.72/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :13/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD OF MANUFACTURING LACQUER USING INKJET PRINTING

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MOSER BAER INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :43B, OKHLA INDUSTRIAL ESTATE
(33) Name of priority country	:NA	NEW DELHI-110020. INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PATRICK PEETERS
(87) 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 manufacturing a semiconductor device is provided. The method includes providing a transparent substrate having predefined active regions and non-active regions, Thereafter, the method includes spraying droplets of a lacquer on the predefined active regions to form corresponding lacquer layer regions, such that the non-active regions do not have presence of the lacquer. The lacquer layer regions are of a predefined thickness to enable their functional texturing. Texturing of lacquer layer enables light trapping or light extraction. Thereafter, one or more semiconductor layers are deposited o the lacquer layer regions and a cover substrate is provided. The cover substrate is joined to the transparent substrate at a portion of the non-active regions and encapsulates the lacquer layer regions and the one or more semiconductor layers between itself and the transparent substrate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1178/DELNP/2010 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : WIND TURBINE GENERATOR AND YAW ROTATION CONTROL METHOD FOR WIND TURBINE GENERATOR□

(51) International classification :F03D

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2010/051062

Filing Date :27/01/2010

(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)MITSUBISHI HEAVY INDUSTRIES LTD.

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

(72)Name of Inventor :

1)Tomohiro NUMAJIRI

(57) Abstract :

There is provided a yaw rotation control method for a wind turbine generator that does not require a yaw motor and is advantageous for a reduction in cost and a reduction in size and weight of a nacelle. A control unit (20) performs, according to a deviation between wind direction information (\hat{I}_w) obtained from a wind direction detecting unit (30) and a present state yaw angel (\hat{I}_z) obtained from a yaw rotating position detecting unit (40), yaw rotation control for outputting pitch driving unit (21) and directing front surface of rotation surfaces of wind turbine blades at the time of start. This yaw rotation control includes a step of controlling pitch angels of the wind turbine blades at a predetermined azimuth angle.

No. of Pages : 61 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.227/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :01/02/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : NUTRACEUTICAL SUPPLEMENT FOR SLOWING DOWN AGING PROCESS IN HUMANS

(51) International classification	:A23L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AKUMS DRUGS & PHARMACEUTICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :304, MOHAN PLACE, LSC, BLOCK-
(33) Name of priority country	:NA	C, SARASWATI VIHAR, DELHI-34. India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. SANJEEV JAIN
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to nutraceutical based composition comprising Vitamin A (as palmitate), Vitamin C (as Ascorbic acid), Vitamin D (as Cholecalciferol), Tocotrienol , Vitamin B1(as Thiamin hydrochloride), Vitamin B2(as Riboflavin), Niacin (as Niacinamide), L-methylfolate, Vitamin B12 (as Methylcobalamin), Biotin , Pantothenic acid (as d-calcium pantothenate), Calcium (as carbonate), Magnesium (as oxide), Zinc , Copper , Manganese, Inositol, Selenium, MSM (Methylsulphonylmethane), Choline (as bitartrate), PABA (Para amino benzoic acid), Boron, Pine bark Extract, and Glycyrrhiza glabra powder for slowing down the ageing process.

No. of Pages : 8 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2789/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :15/04/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : PHOTOVOLTAIC CELL MANUFACTURING METHOD AND PHOTOVOLTAIC CELL MANUFACTURING APPARATUS

(51) International classification	:H01L 31/04	(71) Name of Applicant : 1)ULVAC, INC.
(31) Priority Document No	:2008- 283166	Address of Applicant :2500, HAGISONO, CHIGASAKI-SHI, KANAGAWA 253-8543, JAPAN
(32) Priority Date	:04/11/2008	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)YAMAMURO, KAZUHIRO
(86) International Application No	:NA	2)YUYAMA, JUNPEI
Filing Date	:NA	3)YAMANE, KATSUMI
(87) 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 photovoltaic cell manufacturing method includes forming a photoelectric converter (12) which has a plurality of compartment elements (21) that are separated by a scribing line (19) and in which adjacent compartment elements (21) are electrically connected; detecting a structural defect (A1, A2) existing in the compartment element (21); specifying a position in which the structural defect (A1, A2) exists, as distance data indicating a distance between the structural defect (A1, A2) and the scribing line (19) that is closest to the structural defect (A1, A2); and removing a region in which the structural defect (A1, A2) exists based on the distance data.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.60/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :12/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : VAP DUAL CYLINDER SYSTEM IN ENGINE FOR MOTOR CYCLE

(51) International classification

:f02b

(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)PANKAJ SAINI

Address of Applicant :170 AZAD COLONY, GOVIND
GARD, DEHRADUN, UTTARAKHAND-248001 India

2)VIJAY SINGH

(72)Name of Inventor :

1)PANKAJ SAINI

2)VIJAY SINGH

(57) Abstract :

The present invention provides a system and method for a vehicle with dual cylinder arrangement in an engine working as a single system. The two cylinders are positioned in a configuration with one cylinder pointing upward and another in a horizontal position. The two cylinders are of different size, one with the capacity of 150cc for providing high speed and another with the capacity of 125cc for fuel efficient drive. Both cylinders are coupled to one transmission which transmits power to drive the vehicle. A switching mode in the system allows to choose between speed and average as required.

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

(54) Title of the invention : A REVERSE OSMOSIS DEVICE WITH WATER DISPENSING MECHANISM

(51) International classification

:B01D

(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)PENTAIR WATER INDIA PVT. LTD.

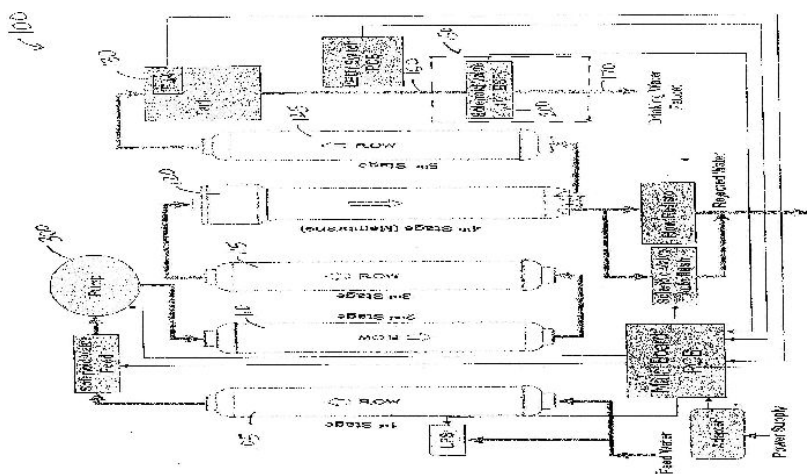
Address of Applicant :B-9/A, GREEN BOULEVARD, 7TH FLOOR, TOWER B, SECTOR 62, NOIDA-201 301 (INDIA);

(72)Name of Inventor :

1)DHARMAN, DHANISH**2)SINGH, NARENDRA, PRATAP****3)KAMBLE, RAHUL****4)KUSHWAHA, RAM, KUMAR****5)PRABHU, SATYAJIT, MADHAV****6)KOTDIYA, VISHAL****7)GULATI, GAUTAM**

(57) Abstract :

A reverse osmosis (RO) device with a unique water dispensing system is disclosed. Particularly, the unique water dispensing mechanism includes an inlet conduit to receive water from a water source and an outlet conduit for dispensing water to a user, and a solenoid valve configured between the inlet conduit and the outlet conduit for controlling flow of water therebetween. The solenoid valve includes an inlet port coupled to the inlet conduit for receiving water and an outlet port coupled to the outlet conduit, a pressure relief conduit coupled to the inlet conduit, an electromagnet and a plunger operatively coupled to the electromagnet, and a diverter. The diverter is adapted to be manually rotated to attain a first position and a second position such that the diverter provides two separate fluid paths between the inlet conduit and the outlet port in the said two positions.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.197/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :27/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : An Improved Process for the Preparation of Antihistaminic Drugs via a Novel Carbamate Intermediate

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Jubilant Life Sciences Limited
(32) Priority Date	:NA	Address of Applicant :Plot 1A Sector 16A Noida-201
(33) Name of priority country	:NA	301 UP India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BISWAS Sujay
(87) International Publication No	: NA	2)DUBEY Shailendra Kumar
(61) Patent of Addition to Application Number	:NA	3)MANGLA Amit
Filing Date	:NA	4)MASAND Mukesh
(62) Divisional to Application Number	:NA	5)VIR Dharam
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel racemic or optically active carbamate intermediate of formula (IVA). This novel racemic or optically active carbamate intermediate of formula (IVA) can be used to prepare drugs having antihistaminic activity such as cetirizine (IA), meclizine (IB), chlorcyclizine (IC), clocinizine (ID), buclizine (IE) and enantiomers thereof such as levocetirizine (I). Further, disclosed herein is an improved process for the preparation of levocetirizine via a novel optically active intermediate i.e. compound of formula (IV). Also, disclosed herein is a novel process for the preparation of compound (II) and for crystallization of its salt.

No. of Pages : 28 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.28/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :06/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING AS ACTIVE INGREDIENT THE - CRYSTALLINE FORM OF IVABRADINE HYDROCHLORIDE OF FORMULA (I)

(51) International classification	:C07C
(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	:486/DEL/2006
Filed on	:22/02/2006

(71)Name of Applicant :

1)LES LABORATOIRES SERVIER

Address of Applicant :12, PLACE DE LA DEFENSE, 92415
COURBEVOIE CEDEX, FRANCE.

(72)Name of Inventor :

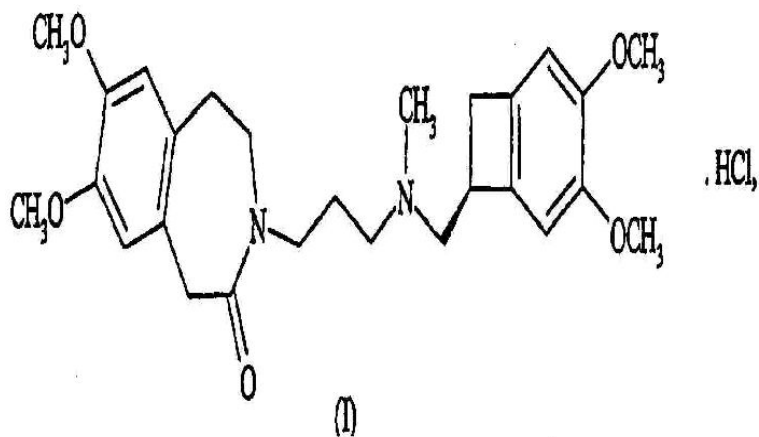
1)STEPHANE HORVATH

2)MARIE-NOELLE AUGUSTE

3)GERARD DAMIEN

(57) Abstract :

The present invention relates to pharmaceutical composition comprising as active ingredient the -crastalline form of ivabradine hydrochloride of formula (I),



No. of Pages : 10 No. of Claims : 1

(54) Title of the invention : INTRAOCULAR LENS DELIVERY DEVICE WITH A MULTI-PART PLUNGER TIP

(51) International classification :A61F 2/16
 (31) Priority Document No :61/4113,627
 (32) Priority Date :12/11/2008
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2009/063805
 Filing Date :10/11/2009
 (87) International Publication No :WO 2010/056637
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)ALCON RESEARCH, LTD.

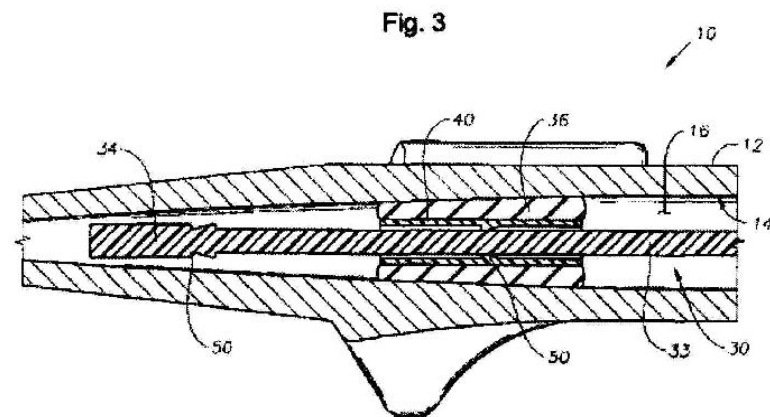
Address of Applicant :6201 SOUTH FREEWAY, MAIL
 CODE TB4-8, FORT WORTH, TEXAS 76134-2099 UNITED
 STATES OF AMERICA

(72)Name of Inventor :

1)DOWNER, DAVID ANTHONY

(57) Abstract :

The present invention is directed to the provision of an intraocular lens delivery device (10) having a plunger (30) with a multi-part plunger tip (32). The plunger tip includes a first part (34) and a second part (36,40) wherein the first part releases from the second part during travel of the plunger through the body of a delivery cartridge (12).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3882/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :02/06/2010

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD FOR ADJUSTING SIGNAL SPEED, MEDIA GATEWAY, AND MEDIA GATEWAY CONTROLLER

(51) International classification	:h04n
(31) Priority Document No	:200710306069.7
(32) Priority Date	:29/12/2007
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2008/072822
Filing Date	:29/10/2007
(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)Huawei Technologies Co. Ltd.
Address of Applicant :Huawei Administration Building
Bantian Longgang District Shenzhen Guangdong 518129 P.R.
China.
(72)**Name of Inventor :**
1)LIN Yangbo

(57) Abstract :

The present invention relates to the communication filed and discloses a method for adjusting the signal speed, a media gateway (MG), and a media gateway controller (MGC). The method includes: receiving a command request that includes signal speed adjustment information from the MGC, and adjusting the signal speed according to the signal speed adjustment information. The MG includes a receiving module, an adjusting module, and a sending module. The MGC includes a sending module. In the present invention, the media gateway control protocol is extended to enable the MGC to adjust the speed of any signal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.71/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :13/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : TejWell Sea and Reservoir Dam design to generate electricity

(51) International classification

:E02B

(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)Tejinder Singh

Address of Applicant :#1352 Sector-44/B Chandigarh Pin-160047 India

(72)Name of Inventor :

1)Tejinder Singh

(57) Abstract :

Usually nations have limited rivers and building dams may prove costly ecologically. Moreover displacing people is big challenge. Nuclear energy is very risky choice. The present invention relates to mechanism to build dams in sea where there is no dearth of reservoir water. These dams can not only be built in sea but in river or ponds or wells also, anywhere where water is stored. These dams are called TejWell Sea and Reservoir Dams.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.93/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :15/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : TejWell Bottom Bag Dam design to generate electricity

(51) International classification

:E02B

(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)Tejinder Singh

Address of Applicant :#1352 Sector-44/B Chandigarh India

(72)Name of Inventor :

1)Tejinder Singh

(57) Abstract :

Usually nations have limited rivers and building dams may prove costly ecologically. Moreover displacing people is big challenge. Nuclear energy is very risky choice. The present invention relates to mechanism to build dams in sea where there is no dearth of reservoir water. These dams can not only be built in sea but in river or ponds or wells also, anywhere where water is stored. These dams are called TejWell Bottom Bag Dams.

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

(54) Title of the invention : ANNULAR AIR DUCT END SEALING BODY

(51) International classification :F27B 21/08
 (31) Priority Document No :200810175521.5
 (32) Priority Date :03/11/2008
 (33) Name of priority country :China
 (86) International Application No :PCT/US2009/074743
 Filing Date :18/05/2009
 (87) International Publication No :WO 2010/060335
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

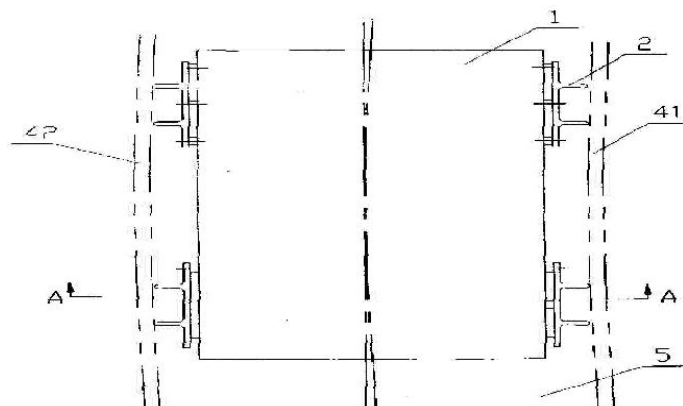
1)ZHONGYE CHANGTIAN INTERNATIONAL ENGINEERING CO., LTD.Address of Applicant :NO-1 LAODONG MID ROAD
CHANGSHA, HUNAN 410007 (CN) Canada

(72)Name of Inventor :

1)GAO, DELIANG

(57) Abstract :

An annular air duct end sealing body is disclosed, which comprises a sealing main body (1) arranged on the bottom of an annular flume (5), and a sealing member (2) which is assembled with the sealing main body (1) and has the same height as the sealing main body (1), wherein the sealing main body (1) is positioned between an inner sealing plate (41) and an outer sealing plate (42) of a portal type sealing device and comprises a main body top plate (11) and four lateral plates (12,13), the radial dimension and the transverse dimension of the main body top plate (11) are respectively larger than the radial dimension and the transverse dimension of a through hole of a cover plate of the portal type sealing device, and the four lateral plates (12, 13) have the same height, and when the cover plate of the portal type sealing device moves to the upper part of the sealing body, the main body top plate (11) and the cover plate of the portal type sealing device contact with each other and are relatively moved, and the sealing member (2) and the inner sealing plate (41) and the outer sealing plate (42) of the portal type sealing device contact with each other and are relatively moved.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.86/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :14/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : A HYBRID NANOCOMPOSITE ADSORBENT MATERIAL AND USES THEREOF.

(51) International classification	:B01J,C08L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)UNIVERSITY OF ALLAHABAD
(32) Priority Date	:NA	Address of Applicant :UNIVERSITY OF ALLAHABAD,
(33) Name of priority country	:NA	ALLAHABAD-211002, UTTAR PRADESH, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SINGH, VANDANA
(87) International Publication No	:NA	2)PANDEY, SADANAND
(61) Patent of Addition to Application Number	:NA	3)TIWARI, STUTI
Filing Date	:NA	4)SANGHI, RASHMI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a hybrid nanocomposite adsorbent material comprising a co-polymer of polysaccharide from seed gum of *Cassia grandis* and polyacrylamide; and silica. The present invention also provides a process of preparing the hybrid nanocomposite adsorbent material. The hybrid nanocomposite adsorbent material was found to have very high adsorption capacity for cadmium (II). Thus, it is used for the removal of cadmium(II) from aqueous solution. It is also reusable. The hybrid nanocomposite adsorbent material was characterized using FTIR, XRD and SEM, before and after loading of cadmium(II).

No. of Pages : 42 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1176/DELNP/2010 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : NOVEL BREADMAKING YEAST STRAINS□

(51) International classification :A23L
(31) Priority Document No :0705977
(32) Priority Date :23/08/2007
(33) Name of priority country :France
(86) International Application No :PCT/FR2008/001193
Filing Date :14/08/2008
(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)LESAFFRE ET COMPAGNIE
Address of Applicant :41 rue Etienne Marcel 75001 PARIS
FRANCE France
(72)Name of Inventor :
1)Didier Jacques COLAVIZZA
2)Anne-Dominique Madeleine QUIPOURT-Isnard

(57) Abstract :

The invention relates to novel bakers yeast strains, fresh and dry bakers yeasts obtained from said strains and the use thereof in bread-making, said strains being effective on sugar-free doughs and/or lightly sweetened doughs, optionally in the presence of mould inhibitors.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.211/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :31/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : A NOVEL ORGANO CATALYST FOR PRODUCING - AMINO KETONES □

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATIONAL INSTITUTE OF PHARMACEUTICAL
(32) Priority Date	:NA	EDUCATION AND RESEARCH (NIPER)
(33) Name of priority country	:NA	Address of Applicant :Sector 67 S.A.S. Nagar (Mohali)
(86) International Application No	:NA	Punjab-160 062 India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ASIT KUMAR CHAKRABORTI
(61) Patent of Addition to Application Number	:NA	2)SUDIPTA RAHA ROY
Filing Date	:NA	3)PRADEEP SUBHASH JADHAVAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an improved catalytic process for the synthesis of α - amino ketone by the conjugate addition of primary aromatic amine with 1,3-diarylpropenone (α,β unsaturated ketone) in the presence of catalytic amount 1-butyl -3-methyl imidazolium based ionic liquid as a organo catalyst.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3924/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :02/06/2010

(43) Publication Date : 30/08/2013

(54) Title of the invention : NEW NON-SELECTIVE SOMATOSTATIN ANALOGUES

(51) International classification	:c07c
(31) Priority Document No	:MI2007A002266
(32) Priority Date	:03/12/2007
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2008/066081
Filing Date	:24/11/2008
(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)ITALFARMACO SPA
Address of Applicant :Viale Fulvio Testi 330 I-20126
Milano Italy
(72)**Name of Inventor :**
1)VITALI Andrea
2)PINORI Massimo
3)MASCAGNI Paolo

(57) Abstract :

The present invention relates to a new class of cyclopeptides of formula (I), reported here below, which are non-selective functional analogues of somatostatin.

No. of Pages : 26 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.452/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : AN IMPROVED SYSTEM AND METHOD OF DYING

(51) International classification

:d06p

(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)SANT PRASAD GAUTAM

Address of Applicant :N-13, NIVEDITA KUNJ, SECTOR-10,
R.K. PURAM, NEW DELHI India

(72)Name of Inventor :

1)SANT PRASAD GAUTAM

(57) Abstract :

The present invention relates, to the coloring method and system for clothing items. The present invention in particular relates to the method and system for using dye which minimizes the need of the salt.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.91/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :14/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : N-FUSED AMINOIMIDAZOLES AS NOVEL TOPOISOMERASE IIA-TARGETING ANTICANCER AGENTS□

(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)NATIONAL INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH (NIPER)**

Address of Applicant :Sector-67 S.A.S Nagar (Mohali)
Punjab-160062 India

(72)Name of Inventor :

1)Sankar Kumar Guchhait

2)Chanakya Nath Kundu

3)Uttam Chand Banerjee

4)Ashish Baviskar

5)Chetna Madaan

6)Amit Agarwal

7)Ranjan Preet

8)Purusottam Mohapatra

(57) Abstract :

The present invention relates to novel N-fused aminoimidazoles of formula I as potent anticancer agents (breast, lung, colon and kidney) and catalytic inhibitors of human topoisomerase Hot. These compounds can be used as anti-proliferative agents in single/combination chemotherapy for the treatment of cancer. Wherein, A, R1, and R2 are as defined in the specification.

No. of Pages : 38 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.960/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :11/02/2010

(43) Publication Date : 30/08/2013

(54) Title of the invention : 2-(2-OXOINDOLINE-3-YLIDENE)METHYL-5-(2-HYDROXY-3-MORPHOLIN-4-YL-PROPYL)-6,7-DIHYDRO-1H-PYRROL[3,2-C]PYRIDINE-4(5H)-one Compounds and use as protein kinase inhibitors

(51) International classification :A61K
(31) Priority Document No :200710141874.9
(32) Priority Date :15/08/2007
(33) Name of priority country :China
(86) International Application No :PCT/CN2008/001388
Filing Date :29/07/2008
(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)JIANGSU HENGRUI MEDICINE CO. LTD.
Address of Applicant :No. 145 East Renmin Road Xinpu
District Lianyungang Jiangsu 222002 PRC. China
2)SHANGHAI HENGRUI PHARMACEUTICAL CO. LTD.
(72)Name of Inventor :
1)TANG Peng Cho
2)YANG Jialiang
3)SU Yidong
4)ZHAO Fuqiang

(57) Abstract :

Pyrrolo[3,2-c]pyridine-4-one-2-indolinone compounds, especially 2-(2-oxoindoline-3-ylidene)methyl-5-(2-hydroxy-3-morpholin-4-yl-propyl)-6,7-dihydro-1H-pyrrol[3,2-c]pyridine-4(5H)-one compounds. Their preparation and pharmaceutical composition, and pharmaceutical use as protein kinase inhibitors.

No. of Pages : 53 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.188/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :27/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : A NOVEL PHARMACEUTICAL FORMULATION COMPRISING GEMIFLOXACIN AND ROXITHROMYCIN FOR THE TREATMENT OF VARIETY OF BACTERIAL INFECTIONS

(51) International classification	:A61K	(71) Name of Applicant :
(31) Priority Document No	:NA	1)AKUMS DRUGS & PHARMACEUTICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :304, MOHAN PLACE, LSC, BLOCK-
(33) Name of priority country	:NA	C, SARASWATI VIHAR, DELHI-34. India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR. SANJEEV JAIN
(87) 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 pharmaceutical formulation comprising Gemifloxacin and Roxithromycin for the treatment of variety of bacterial infections. The present invention exhibits a broad spectrum activity, thereby effective against a number of microorganisms.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.384/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :14/02/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : ZINC CHALCOGENIDES, DOPED ZINC CHALCOGENIDES, AND METHODS OF MAKING

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR
(32) Priority Date	:NA	Address of Applicant :KANPUR-208016, UTTAR
(33) Name of priority country	:NA	PRADESH, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SUNDAR MANOHARAN
(87) 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 process of preparing a zinc chalcogenide includes providing a solution of 8-hydroxyquinoline; a zinc precursor; and a reaction solvent; isolating a precipitate from the solution; and calcining the precipitate to form the zinc chalcogenide. Additionally, a polymer composite may include a polymer, bis (8-hydroxyquinolinato) zinc, and elemental sulfur or bis(8-hydroxyquinolinato)z_M, wherein M is a metal ion and the value of z is equivalent to the oxidation state of the metal ion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4256/DELNP/2010 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : ARTERIOSCLEROSIS DEGREE JUDGMENT DEVICE CAPABLE OF JUDGING ARTERIOSCLEROSIS DEGREE PRECISELY

(51) International classification	:a61b
(31) Priority Document No	:2007-297046
(32) Priority Date	:15/11/2007
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2008/070671
Filing Date	:13/11/2008
(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)OMRON HEALTHCARE Co. Ltd.
Address of Applicant :24 Yamanouchi Yamanoshita-cho
Ukyo-ku Kyoto-shi Kyoto 615-0084 JAPAN
(72)**Name of Inventor :**
1)Tatsuya KOBAYASHI
2)Toshihiko OGURA
3)Yoshihiko SANO
4)Toshihiko ABE
5)Takahide TANAKA

(57) Abstract :

A cuff of a pulse wave meter equipped with an arteriosclerosis degree judgment device has air bags for compressing a living body having a double structure along an artery including an avascularization air bag (13A) and a pulse-wave measuring air bag (13B). Provided at outer circumferential sides of these air bags are a curler (10) for integrally pressing these air bags against an upper arm (100), and an air bag (8) for pressing the curler from the outer circumferential side. A member (13C) for suppressing vibrations is provided between a curler-compressing air bag and the pulse-wave measuring air bag, and suppresses propagation of vibrations from the curler-compressing air bag to the pulse-wave measuring air bag.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.471/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : PROCESS FOR PREPARING HYPERBRANCHED POLYESTERS

(51) International classification	:c08l	(71) Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110 001, INDIA
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)DARBHA SRINIVAS
(61) Patent of Addition to Application Number	:NA	2)JOBY SEBASTIAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An efficient, eco-friendly, solvent-free process for preparing hyperbranched polyesters by reacting polyols with polycarboxylic acid in the presence of heterogeneous, reusable, acid, crystalline, micro-mesoporous double-metal cyanide catalyst at moderate temperatures and short period of reaction time.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.705/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : method and system of generating phonetic representation of a spoken word for a speech recognition application

(51) International classification

:g06q

(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)DIRECTOR GENERAL DEFENCE RESEARCH & DEVELOPMENT ORGANISATION

Address of Applicant :Ministry of Defence Govt. of India

Room No 348 B-Wing DRDO Bhawan Rajaji Marg New Delhi

110105 India

(72)Name of Inventor :

1)KUMANDOOR RAMASWAMY PRASANNA KUMAR

2)ANUPAM MANDAL

3)GOPALASAMY ATHITHAN

(57) Abstract :

The present invention provides a method and system for automatic generation of phonetic representation of a spoken word for speech recognition applications. In one embodiment, a computed-implemented method of automatically generating phonetic representation of a spoken word for detecting presence of the spoken word in a continuous speech signal includes receiving a grapheme sequence of a spoken word inputted by a user via a phonetic keyboard. The method also includes generating a sequence of Unicode values corresponding to the spoken word based on the received grapheme sequence. Moreover, the method includes generating a phonetic representation of the spoken word based on the sequence of Unicode values using mutually exclusive sets of Unicode values, where the phonetic representation of the spoken word represent a sequence of phones corresponding to the spoken word.

No. of Pages : 21 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.62/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :12/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : TejWell Reservoir Dam design to generate electricity

(51) International classification

:e02b

(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)Tejinder Singh

Address of Applicant :#1352 Sector-44/B Chandigarh Pin-160047 India

(72)Name of Inventor :

1)Tejinder Singh

(57) Abstract :

Usually nations have limited rivers and building dams may prove costly ecologically. Moreover displacing people is big challenge. Nuclear energy is very risky choice. The present invention relates to mechanism to build dams which will use reservoir water of Dam, river, Sea etc to generate electricity. These dams can be built even in dessert anywhere around the earth. These dams are called TejWell Reservoir Dams.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5088/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :13/07/2010

(43) Publication Date : 30/08/2013

(54) Title of the invention : A PALATABLE NUTRITIONAL COMPOSITION COMPRISING A NUCLEOTIDE AND/OR A NUCLEOSIDE AND A TASTE MASKING AGENT□

(51) International classification	:A23L
(31) Priority Document No	:07123811.7
(32) Priority Date	:20/12/2007
(33) Name of priority country	:EPO
(86) International Application No	:PCT/NL2008/050843
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)N.V. NUTRICIA

Address of Applicant :Eerste Stationsstraat 186 NL-2712 HM
Zoetermeer The Netherlands.

(72)Name of Inventor :

1)DE KORT Esther Jacqueline

2)GROENENDIJK Martine

3)KAMPHUIS Patrick Joseph Gerardus Hendrikus

(57) Abstract :

The present invention relates to the use of a taste masking agent selected from the group of cellulose; starch; xanthan gum; gellan gum; alginate; galactomannans such as fenugreek, guar gum, tara gum, locust bean gum, and cassia gum; gum karaya; gum tragacanth; carrageenan; and mixture thereof, for improving one or more of mouth feel, taste, aftertaste and smell of a liquid aqueous nutritional composition comprising a nucleotide and/or a nucleoside. It also relates to a nutritional composition comprising an unsavoury nucleotide and/or a nucleoside component, having improved sensory characteristics such as improved mouth feel, taste, aftertaste and smell. In particular, it relates to a composition comprising said un- savoury nucleotide and/or a nucleoside component, in particular comprising an uridine- containing nucleotide and/or a nucleoside in combination with an unsavoury edible oil, such as a fish oil.

No. of Pages : 31 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5089/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :13/07/2010

(43) Publication Date : 30/08/2013

(54) Title of the invention : FLUID MEASURING DEVICE□

(51) International classification	:G01F
(31) Priority Document No	:2008-008457
(32) Priority Date	:17/01/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2008/071938
Filing Date	:03/12/2008
(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)MITSUBISHI HEAVY INDUSTRIES LTD.
Address of Applicant :16-5 Konan 2-Chome Minato-ku
Tokyo 1088215 JAPAN
(72)**Name of Inventor :**
1)MUTA Kenji
2)TANOURA Masazumi
3)TAKITA Atsushi
4)UENO Daishi
5)AOKI Tadashi
6)SEKIYA Mitsunobu

(57) Abstract :

Provided is a fluid measuring device for measuring flow speed of a fluid in detail. A fluid measuring device (10) is provided with a plurality of detecting sections (30, 40) and a calculating section (50). The detecting sections are arranged with a space in between on a pipe line (22) wherein a fluid flows, and the detecting sections detect parameters which change corresponding to a change of the state of the fluid. The calculating section calculates the flow speed of the fluid, based on the time shift (\hat{IT}) of the parameter change detected by the pair of detecting sections and on a distance (L) along the pipe line of the pair of detecting sections.

No. of Pages : 43 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.64/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :12/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : AN ELECTRICALLY CONTROLLED HYDRAULIC PUMP DRIVE.

(51) International classification

:F16H

(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)ESCORTS LIMITED

Address of Applicant :AGRI MACHINERY GROUP, 18/4,
MATHURA ROAD, FARIDABAD- 121 007 Haryana India

(72)Name of Inventor :

1)N. R. KUMAR

2)NITESH KUMAR PUJARI

3)SANSAR SAMANTA PARIDA.

(57) Abstract :

This invention relates to an electrically controlled hydraulic pump drive comprising of built in solenoid with hydraulic pump for movement of shaft mounted with hydraulic pump gear facilitating engagement/disengagement of the pump driving gear with the cam shaft gear.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.31/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :06/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : AN IMPROVED MAGNETIC SEPARATOR SUITABLE FOR PROCESSING FOOD GRAIN

(51) International classification

:A23L

(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 :AUNSANDHAN BHAWAN, RAFI
MARG, NEW DELHI - 110 001, INDIA.

(72)Name of Inventor :

1)SOURAV KUMAR

(57) Abstract :

An improved magnetic separator suitable for processing food grain: An improved rotary magnetic separator includes a freely rotating spur wheel (6) on its horizontal axis and also a freely rotating magnetic drum (5) on it axis just below the spur wheel. A non-magnetic inclined guide plate (3) separates spur wheel and rotary magnetic drum and also the guide plate encloses magnetic drum. Grain under process of cleaning is allowed to fall on spur wheel, consequently spur wheel rotates due to the impact of falling grain and it also rotates the magnetic drum underneath which is connected to spur wheel by a flat belt (12) outside the housing. Falling grain after passing through spur wheel glides over guide plate (3) at a retarded speed and finally falls off through the outlet (8) placed just vertically down. Iron particles while gliding over guide plate gets attracted to magnetic field created by the rotating magnetic drum (5) and hence dragged horizontally to another out let (9) where attracted iron particles drop down due to diminishing magnetic field. Thus iron particles are separated from grain completely.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5281/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :08/07/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : IL-1 BINDING PROTEINS

(51) International classification	:A61K 49/16
(31) Priority Document No	:61/206,250
(32) Priority Date	:29/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/000244
Filing Date	:29/01/2010
(87) International Publication No	:WO 2010/087972
(61) 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, IL 60064, U.S.A.

(72)Name of Inventor :
1)HSIEH CHUNG-MING
2)WU CHENGBIN

(57) Abstract :

The present invention encompasses IL-1 α binding proteins. Specifically, the invention relates to antibodies that are chimeric, CDR grafted and humanized antibodies. Antibodies of the invention have high affinity for IL-1 α and neutralize IL-1 α activity. An antibody of the invention can be a full-length antibody or an antigen-binding portion thereof. Method of making and method of using the antibodies of the invention are also provided. The antibodies, or antibody portions, of the invention are useful for detecting IL-1 α and for inhibiting IL-1 α activity, e.g., in a human subject suffering from a disorder in which IL-1 α activity is detrimental.

No. of Pages : 118 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.124/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :19/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : IMMUNOTHERAPY OF INFECTIOUS DISEASES

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INTERNATIONAL CENTRE FOR GENETIC
(32) Priority Date	:NA	ENGINEERING AND BIOTECHNOLOGY
(33) Name of priority country	:NA	Address of Applicant :ICGEB CAMPUS, P.O. BOX 10504,
(86) International Application No	:NA	ARUNA ASAF ALI MARG, NEW DELHI - 110067, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)DAS, GOBARDHAN
(61) Patent of Addition to Application Number	:NA	2)MAJUMDAR, TANMAY
Filing Date	:NA	3)RAO, KANURY, VS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to immunotherapy of infectious diseases. The invention provides identification and inhibition of multiple molecular targets resulting in effective therapy of infectious diseases in particular tuberculosis. The invention also provides a composition comprising inhibitors of Th1 cells and Treg cells wherein said inhibitors are selected from antibodies or chemical inhibitors. The composition inhibits production and/or signalling of interleukins and TGF-. The invention also provides a method of treatment of infectious disorders down-regulation of Th2 and Treg cells and/or up-regulation of Th1 cells.

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

(54) Title of the invention : TYRE HAVING A BELT PLY WITH CORDS DISPOSED ALONG THE CIRCUMFERENCE OF THE TYRE TO REDUCE THE TYRE NOISE

(51) International classification :B60C 9/22
 (31) Priority Document No :08290952.4
 (32) Priority Date :08/10/2008
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/EP2009/062983
 Filing Date :06/10/2009
 (87) International Publication No :WO 2010/040753
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN

Address of Applicant :ROUTE LOUIS-BRAILLE 10, 1763 GRANGES-PACCOT, SWITZERLAND

2)MICHELIN RECHERCHE ET TECHNIQUE S.A.

(72)Name of Inventor :

1)NICOLAS DAUTREY

(57) Abstract :

Tyre comprising a hooping reinforcement, wherein the axial distance between neighbouring portions of the hooping reinforcement is greater than or equal to 0.7 mm and smaller than or equal to 2mm, with the exception of one first axial region L1 and two second axial regions L2. The axial distance of each of the axial ends of the first axial region L1 from the median plane is greater than or equal to 0.05S and smaller than or equal to 0.15S, S being the maximum axial width of the tyre. The two regions L2 are provided on both sides of the median plane, each second axial region being centred at an axial distance D2 from the median plane, D2 being greater than or equal to 0.25S and smaller than or equal to 0.4S. Each second axial region L2 has an axial width W2 that is greater than or equal to 0.1S. The sum of the axial widths of the first and second axial regions is smaller than or equal to 0.5S. The difference between the average axial distance between neighbouring portions of the hooping reinforcement in the first and second axial regions L1 and L2, and the distance outside the first and second axial regions L1 and L2 is at least 0.2 mm.

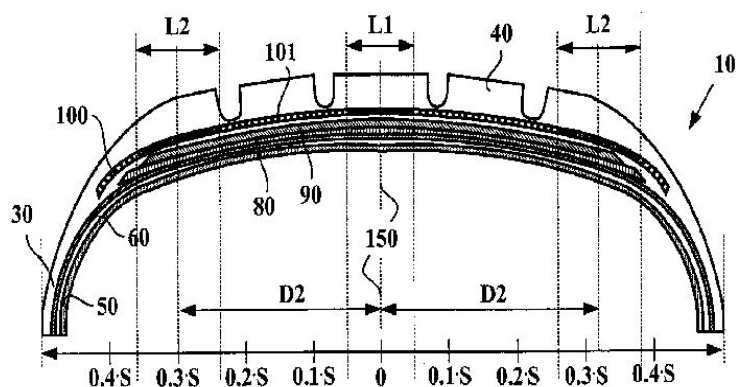


FIG. 7

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4022/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :04/06/2010

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD AND SYSTEM OF ACCESSING INFORMATION

(51) International classification	:G06F
(31) Priority Document No	:60/985,445
(32) Priority Date	:05/11/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/082483
Filing Date	:05/11/2008
(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)CHACHA SEARCH INC.
Address of Applicant :14550 Clay Terrace Blvd Suite 130
Carmel IN 46032 United States of America
(72)**Name of Inventor :**
1)BOSTIC Brad
2)LENZO Chris

(57) Abstract :

A system and method of associating various communication services with a user ID is described. Using the association of a user ID with various communication service(s) and/or device(s), information related to a search request may be provided via any or all devices and/or communication services which are associated with the user ID.

No. of Pages : 77 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4024/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :04/06/2010

(43) Publication Date : 30/08/2013

(54) Title of the invention : BLOOD PRESSURE MONITOR

(51) International classification :A61b
(31) Priority Document No :2007-288743
(32) Priority Date :06/11/2007
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2008/070102
Filing Date :05/11/2008
(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)OMRON HEALTHCARE Co. Ltd.
Address of Applicant :24 Yamanouchi Yamanoshita-cho
Ukyo-ku Kyoto-shi Kyoto 615-0084 JAPAN
(72)Name of Inventor :
1)KUKITA Tomohiro
2)MITSUNAMI Yukiko
3)ARITOME Kenji
4)KATO Hiroyuki
5)ONISHI Yoshihide

(57) Abstract :

There are provided a detecting unit (160) for detecting an inclination angle of a cuff to be wound around a living body of a subject; a specifying unit (12) for specifying a current inclination level among a plurality of predetermined inclination levels upon measurement of blood pressure, based on a result of detection by the detecting unit; a memory (129) for storing therein the specified inclination level in association with blood pressure data; and a notifying unit (18, 116) for providing notification of at least one past inclination level of the plurality of inclination levels stored in the memory and the current inclination level in association with each other.

No. of Pages : 48 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.447/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : QUIK TIGHT PRESSURE BANDAGE

(51) International classification	:a61l	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SHANEEL K. JAIN
(32) Priority Date	:NA	Address of Applicant :FLAT NO. 424, POCKET C, SHEIKH
(33) Name of priority country	:NA	SARAI, PHASE 1, NEW DELHI India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SHANEEL K. JAIN
(87) 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 utilizes 100% cotton and latex free, sterilized, breathable with open-weave design meant for superior absorbency and cushioning along with a hemostat device for arterial bleeding and hemorrhaging in limbs. It can be used with /without various types of topically applicable drug formulation/ decontamination solution both in non-contaminated and CBRN contaminated regions. It is meant to be used as an effective secondary pressure dressing both in field settings and clinical set up.

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

(54) Title of the invention : AMINOTETRALINE DERIVATIVES, PHARMACEUTICAL COMPOSITONS CONTAINING THEM, AND THEIR USE IN THERAPY

(51) International classification :C07C 215/70
 (31) Priority Document No :61/152,825
 (32) Priority Date :16/02/2009
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/EP2010/051903
 Filing Date :16/02/2010
 (87) International Publication No :WO 2010/092180
 (61) 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 GMBH & CO. KG

Address of Applicant :MAX-PLANCK-RING 2, 65205

WIESBADEN GERMANY

2)ABBOTT LABORATORIES

(72)Name of Inventor :

1)AMBERG WILHELM

2)OCHSE MICHAEL

3)LANGE UDO

4)KLING ANDREAS

5)BEHL BERTHOLD

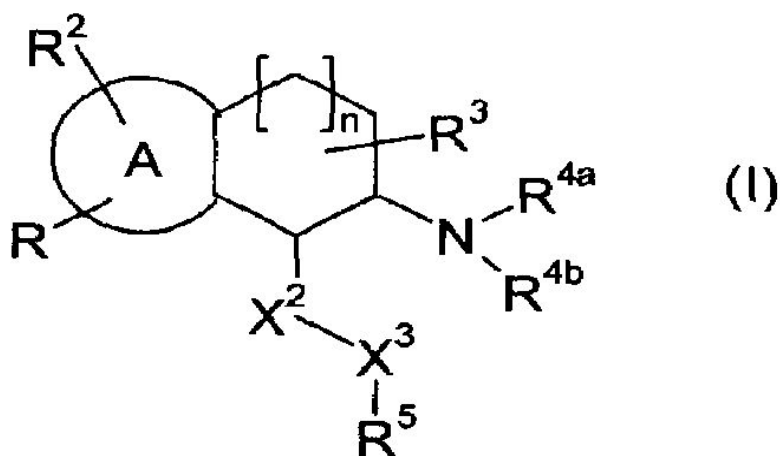
6)HORNBERGER WILFRIED

7)MEZLER MARIO

8)HUTCHINS CHARLES

(57) Abstract :

The present invention relates to aminotetraline derivatives of the formula (I) or a physiologically tolerated salt thereof. The invention relates to pharmaceutical compositions comprising such aminotetraline derivatives, and the use of such aminotetraline derivatives for therapeutic purposes. The aminotetraline derivatives are GlyT1 inhibitors.



No. of Pages : 277 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/01/2011

(21) Application No.77/DEL/2011 A

(43) Publication Date : 30/08/2013

(54) Title of the invention : OXAZINE DERIVATIVES AND THEIR USE IN THE TREATMENT OF NEUROLOGICAL DISORDERS

(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)NOVARTIS AG

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

(72)Name of Inventor :

1)BADIGER SANGAMESH

2)CHEBROLU MURALI

3)HURTH KONSTANZE

4)JACQUIER SEBASTIEN

5)LUEOEND RAINER MARTIN

6)MACHAUER RAINER

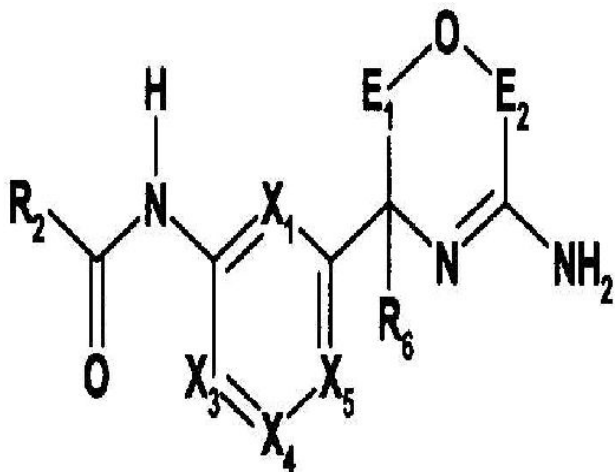
7)RUEEGER HEINRICH

8)TINTELNOTBLOMLEY MARINA

9)VOEGTLE MARKUS

(57) Abstract :

The invention relates to novel heterocyclic compounds of the formula in which all of the variables are as defined in the specification, to their preparation, to their medical use, in particular to their use in the treatment of neurological disorders, and to medicaments comprising them.



(I),

No. of Pages : 90 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6739/DELNP/2011 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : COMPACT ON-BODY PHYSIOLOGICAL MONITORING DEVICES AND METHODS THEREOF'

(51) International classification :A61B 5/00
(31) Priority Document No :61/149,639
(32) Priority Date :03/02/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/022928
Filing Date :02/02/2010
(87) International Publication No :WO 2010/091028
(61) 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 DIABETES CARE INC.
Address of Applicant :1360 SOUTH LOOP ROAD,
ALAMEDA, CA 94502 U.S.A.
(72)Name of Inventor :
1)THOMA, CHRISTOPHER, ALLEN
2)HOSS, UDO
3)FENNELL, MARTIN, J.
4)HE, LEI
5)LOVE, MICHAEL
6)YEE, PHILLIP

(57) Abstract :

Methods and devices to monitor an analyte in body fluid are provided. Embodiments include continuous or discrete acquisition of analyte related data from a transcutaneously positioned analyte sensor automatically or on demand upon request from a user.

No. of Pages : 81 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.80/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :14/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : TejWell Bag Dam design to generate electricity

(51) International classification

:E02B

(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)Tejinder Singh

Address of Applicant :#1352 Sector-44/B Chandigarh Pin-160047 India

(72)Name of Inventor :

1)Tejinder Singh

(57) Abstract :

Usually nations have limited rivers and building dams may prove costly ecologically. Moreover displacing people is big challenge. Nuclear energy is very risky choice. The present invention relates to mechanism to build dams in sea where there is no dearth of reservoir water. These dams can not only be built in sea but in river or ponds or wells also, anywhere where water is stored. These dams are called TejWell Bag Dams.

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

(54) Title of the invention : NON-NETWORKED RFID-PUF AUTHENTICATION

(51) International classification :H04L 9/32
 (31) Priority Document No :61/116,700
 (32) Priority Date :21/11/2008
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2009/065442
 Filing Date :23/11/2009
 (87) International Publication No :WO 2010/060005
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)VERAYO, INC.

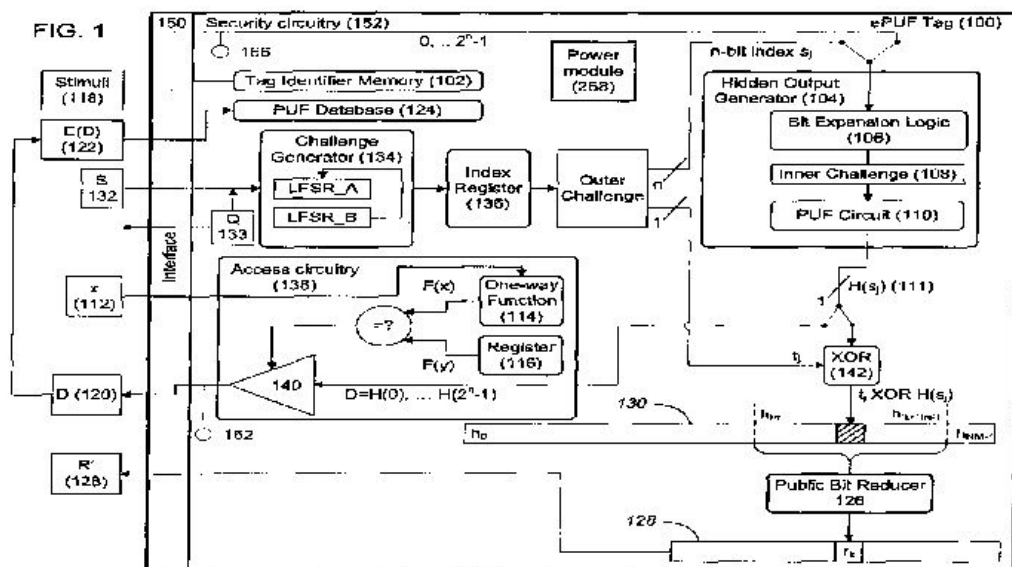
Address of Applicant :1054 S. DE ANZA BLVD. SUITE
 #201, SAN JOSE CA 95129 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)DEVADAS, SRINIVAS

(57) Abstract :

An integrated circuit includes a sequence generator configured to generate a series of challenges; a hidden output generator configured to generate a series of hidden outputs, each hidden output a function of a corresponding challenge in the series of challenges; and bit reduction circuitry configured to generate a response sequence including a plurality of response parts, each response part a function of a corresponding plurality of hidden outputs.



No. of Pages : 44 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.450/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : QUIKEYE PAD

(51) International classification	:a61l	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHANEEL K. JAIN
(32) Priority Date	:NA	Address of Applicant :FLAT NO. 424, POCKET C, SHEIKH
(33) Name of priority country	:NA	SARAI, PHASE 1, NEW DELHI India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHANEEL K. JAIN
(87) 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 product under claim is a self-adhesive soft and comfortable eye pad having its applications in ophthalmic related, traumatic injuries; its material complies with spun laced nonwoven fabric with adhesive and center absorbing pad. It is unique in immobilizing eye especially during traumatized conditions and reduces the aggravation of disease. It is useful in covering eye while performing decontaminating face in post-chemical, biological, radiological and nuclear emergency conditions. It is an important and effective tool in management of eye injuries and it can be used as self adhesive pad any other body part too. The invention holds novelty in terms of pain less removal from the eye reduces the possibility of occurring re-traumatisation after primary treatment at field site both in contaminated and non-contaminated region.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7713/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :07/10/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : AMATOXIN-ARMED TARGET-BINDING MOIETIES FOR THE TREATMENT OF CANCER

(51) International classification :A61K 47/48
(31) Priority Document No :60/167,690
(32) Priority Date :08/04/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/002206
Filing Date :08/04/2010
(87) International Publication No :WO 2010/115630
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)DEUTSCHES KREBSFORSCHUNGSZENTRUM

Address of Applicant :IM NEUENHEIMER FELD 280, 69120
HEIDELBERG GERMANY

2)FAULSTICH HEINZ

(72)Name of Inventor :

1)FAULSTICH, HEINZ

2)BREITLING, FRANK

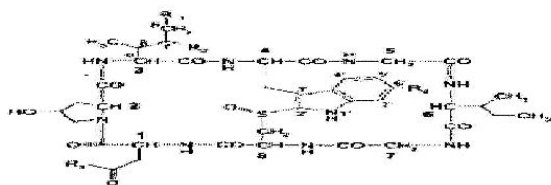
3)LUTTGAU, SANDRA

4)MOLDENHAUER, GERHARD

(57) Abstract :

The invention relates to tumour therapy. In one aspect, the present invention relates to conjugates of target-binding moieties and toxins that are useful in the treatment of cancer. In particular, the toxin is an amatoxin, and the target-binding moieties (e.g. antibodies) are directed against tumour-associated antigens, such as epithelial cell adhesion molecule (EpCAM). In a further aspect the invention relates to pharmaceutical compositions comprising such target-binding moiety toxin conjugates and to the use of such target-binding moiety toxin conjugates for the preparation of such pharmaceutical compositions. The target-binding moiety toxin conjugates and pharmaceutical compositions of the invention are useful for the treatment of cancer, in particular adenocarcinoma, such as pancreatic cancer, cholangiocarcinoma, breast cancer, and colorectal cancer.

Fig. 1



	R ₁	R ₂	R ₃	R ₄
1	OH	OH	NH ₂	OH
2	OH	OH	OH	OH
3	H	OH	NH ₂	OH
4	H	OH	OH	OH
5	OH	OH	OH	H
6	OH	OH	NH ₂	H
7	H	H	NH ₂	OH
8	H	H	OH	OH

No. of Pages : 65 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.73/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :13/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD OF IMPRINTING TEXTURE ON RIGID SUBSTRATE USING FLEXIBLE STAMP

(51) International classification	:G03F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MOSER BAER INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :43B, OKHLA INDUSTRIAL ESTATE
(33) Name of priority country	:NA	NEW DELHI-110020. INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BRAM TITULAER
(87) 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 imprinting a texture on a rigid substrate, having area greater than 50 square centimeters, preferably greater than 200 square centimeters, is provided. The texture imprinted on the rigid substrate facilitates light management through the rigid substrate. The method includes, wet coating a layer of a curable material on the rigid substrate. Thereafter, the method includes pressurizing a flexible stamp over the layer of curable material to imprint the texture. The flexible stamp includes a bottom zone having a texture profile corresponding to the texture. The bottom zone has Youngs Modulus between 0.5 MPa and 3000 MPa and enables tolerance for microscopic defects during imprinting of the texture. The flexible stamp also includes a top zone having Youngs Modulus between 0.1 GPa and 10 GPa. The top zone enables tolerance for macroscopic defects. Further, the method includes curing the layer of curable material. Finally, the method includes removing the flexible stamp,

No. of Pages : 29 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.92/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :15/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : An Improved Process For Producing Aminopyridines

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Jubilant Life Sciences Ltd.
(32) Priority Date	:NA	Address of Applicant :Plot No. 1A Sector 16 A Institutional
(33) Name of priority country	:NA	Area Noida 201 301 UP India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RATHORE Bhawani Singh
(87) International Publication No	: NA	2)PANDEY Sheo Prakash
(61) Patent of Addition to Application Number	:NA	3)VERMA Pradeep Kumar
Filing Date	:NA	4)AGARWAL Ashutosh
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The Invention Disclosed herein is an improved process for producing aminopyridine compounds analogs, substituted forms, derivatives, or the pharmaceutically acceptable salts, esters, amides and prodrugs thereof with high purity and yield at industrial scale.

No. of Pages : 17 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.87/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :14/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYSTEM AND METHODS OF TRANSFORMING AND COLLECTING ENERGY

(51) International classification

:F24J

(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)3S Swiss Solar Systems AG

Address of Applicant :Schachenweg 24 CH-3250 Lyss

Switzerland

(72)Name of Inventor :

1)Szacsvey Tamás

(57) Abstract :

Disclosed are system and methods for transforming and collecting energy. The system comprises: atleast an energy conversion member; and atleast a heat absorber member placed adjacent to the energy conversion member. The energy conversion member and the heat absorber member are connected by a sealing member near a perimeter of the absorber member as to form an air tight cavity such that when an underpressure is created in the cavity the flexible sealing member deforms allowing the absorber member and the conversion member to be pressed together.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.106/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :17/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : SINGLE STAGE LUTEIN ESTER EXTRACTION FROM TAGETES SPECIES-MARIGOLD FLOWER MEAL USING ADVANCED MULTIPLE SEPARATORS OF VERY HIGH PRESSURE LIQUID CARBONDIOXIDE EXTRACTION SYSTEM

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)UMA SHANKAR BHARTIA
(32) Priority Date	:NA	Address of Applicant :17, FRIENDS COLONY WEST, NEW
(33) Name of priority country	:NA	DELHI - 110 065, INDIA
(86) International Application No	:NA	2)INDIA GLYCOLS LIMITED
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)UMA SHANKAR BHARTIA
(61) Patent of Addition to Application Number	:NA	2)DR. GOPU BALA SHOW REDDY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A single stage straight forward process for extraction and isolation of lutein ester from the dried petals of marigold flowers Tagetes species using the carbondioxide as the supercritical fluid was developed. The pressure maintained for the extraction was up to 625 bar and at temperature up to 750 C. Lutein ester of high strength and purity up to 70% was achieved for the first time in single stage from the dried petals of marigold flowers-Tagetes species while enrichment of the lutein ester content up to 98% was achieved by crystallization of the lutein ester obtained from supercritical carbondioxide extract (SCFE) using isopropyl alcohol, ethyl acetate, methyl ethyl ketone and or solvent mixtures thereof. The high strength and purified lutein ester isolated by supercritical fluid-single stage extraction process are very much free from saturated fat, oil, waxy impurities and serve as a safe source of nutritional supplement for human consumption as well as useful and effective color additive for human foods.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.451/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : QUIK GAUZE

(51) International classification

:a61l

(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)SHANEEL K. JAIN

Address of Applicant :FLAT NO. 424, POCKET C, SHEIKH
SARAI, PHASE 1, NEW DELHI India

(72)Name of Inventor :

1)SHANEEL K. JAIN

(57) Abstract :

This invention utilizes 100% cotton and latex free, sterilized, uniquely crimped, open-weave design meant for superior absorbency and cushioning, gently stretches and conforms to body contours used with or without various inorganic / inert / approved hemostatic agents / anti-microbial/ antiseptic/ any topically applicable drug formulation/ decontamination solution of various types both in contaminated and non-contaminated regions. It is meant to be used for effective wound management both in field settings and clinical set up.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.959/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :11/02/2010

(43) Publication Date : 30/08/2013

(54) Title of the invention : ENERGY SAVING COOKTOP

(51) International classification	:F24C
(31) Priority Document No	:60/959,559
(32) Priority Date	:16/07/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/066460
Filing Date	:11/06/2008
(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)PARKS Charley

Address of Applicant :4105 Oak Creek Drive Austin Texas
78727 United States of America

(72)Name of Inventor :

1)PARKS Charley

(57) Abstract :

In accordance with one embodiment, energy savings is achieved in a cooktop by reducing the energy supplied to a burner (314) when no cooking vessel is present. A sensor (120) communicates the presence or absence of the cooking vessel to a controller (110). When the cooking vessel is present, the controller (110) signals a valve (130) by means of a digital-to-analog converter (130) to restrict the flow of energy to burner (314).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.140/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :20/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : NOVEL STREPTOCOCCUS PNEUMONIAE VACCINES

(51) International classification

:C12Q

(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)PANACEA BIOTEC LIMITED

Address of Applicant :B-1, EXTN./A-27, MOHAN
CO.OPERATIVE, INDUSTRIAL ESTATE, MATHURA ROAD,
NEW DELHI-110044 India

(72)Name of Inventor :

1)JAIN, RAJESH

2)MAITHAL, KAPIL

(57) Abstract :

The present invention relates to novel and improved multivalent pneumococcal vaccines, wherein polysaccharides from different S. pneumoniae serotypes are conjugated to at least 2 or more carrier proteins selected from a group comprising diphtheria toxin, diphtheria toxoid, CRM 197, tetanus toxoid, pertussis toxoid, E. coli LT, E. coli ST, exotoxin A, outer membrane complex c (OMPC), porin, transferrin binding protein, pneumolysin, pneumococcal surface protein A (PspA), pneumococcal adhesin protein (PsaA), ovalbumin, keyhole limpet hemocyanin (KLH), bovine serum albumin (BSA) or purified protein derivative of tuberculin (PPD). The present invention also relates to method of preparation of such vaccines which could be further used for preventing and treating infections caused by Streptococcus pneumoniae.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.207/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :31/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : A SYNTHETIC PEPTIDE FORMULATION AGAINST MELANOMA AND OTHER CANCER OVER-EXPRESSING S100B

(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)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

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

(72)Name of Inventor :

1)AMLANJYOTI DHAR

2)SHAMPA MALLICK

3)ISRAR AHMED

4)ADITYA KONAR

5)SANTU BANDYOPADHYAY

6)SIDDHARTHA ROY

(57) Abstract :

The present invention describes a novel bivalent helically constrained peptide targeted against S100B that is an effective anti-cancer drug against cancers that over-express S100B. This helix mimetic targeted against S100B induces rapid apoptosis in cancer cells that over-express a calcium binding protein S100B through simultaneous inhibition of key growth pathways including activation of p53.

No. of Pages : 39 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.89/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :14/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : OPTIMIZED PROCESS FOR PRODUCTION OF ALKALINE LIPASE ENZYME FROM PSEUDOMONAS SP. AND ITS APPLICATIONS THEREOF

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)UNIVERSITY OF DELHI SOUTH CAMPUS
(32) Priority Date	:NA	Address of Applicant :BENITO JUAREZ ROAD, NEW
(33) Name of priority country	:NA	DELHI-110021, INDIA
(86) International Application No	:NA	2)COUNCIL OF SCIENTIFIC AND INDUSTRIAL
Filing Date	:NA	RESEARCH (CSIR)
(87) International Publication No	:NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. R.K. SAXENA
Filing Date	:NA	2)DR. GAUTAM KUMAR MEGHWANSHI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present provides an optimized process for the production of lipase comprising the steps of: growing under aerobic conditions a culture of a strain of pseudomonas sp. or mutants thereof, in a nutrient medium characterized in that the pH value of the nutrient medium ranges from 7.0 - 8.0 \pm 0.2 ; concentration of nitrogen and carbon source range from 0.9% to 1.2% and from 0.05% - 0.30 % respectively ; concentration of growth limiting substrate range from 0.4% - 0.7%(v/v); the temperature during cultivation ranges from 20°C to 45°C;and recovering the extracellularly produced lipase therefrom.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4735/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :21/06/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHODS FOR SELECTING PROTEASE RESISTANT POLYPEPTIDES

(51) International classification :C12Q 1/37
(31) Priority Document No :61/120,135
(32) Priority Date :05/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP09/066395
Filing Date :04/12/2009
(87) International Publication No :WO 2010/063818
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GLAXO GROUP LIMITED
Address of Applicant :GLAXO WELLCOME HOUSE,
BERKELEY AVENUE, GREENFORD, MIDDLESEX UB6
0NN, UNITED KINGDOM
(72)Name of Inventor :
1)CAROLYN ENEVER
2)LAURENT JESPER
3)MALGORZATA PUPECKA
4)IAN M. TOMLINSON

(57) Abstract :

The invention relates to a method for selecting, isolating and/or recovering a peptide or polypeptide from a library or a repertoire of peptides and polypeptides (e.g., a display system) that is resistant to degradation by a protease such as a protease found in the serum. Generally, the method comprises providing a library or repertoire of peptides or polypeptides, incubating the library or repertoire with a protease under conditions suitable for protease activity, and selecting, isolating and/or recovering a peptide or polypeptide that is resistant to degradation by the protease and has a desired biological activity. The selected peptides and polypeptides have utility as therapeutics, e.g. for treating disease in humans.

No. of Pages : 112 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(21) Application No.527/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :25/02/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : VOICE OPERATED SWITCHING SYSTEM□

(51) International classification

:g06q

(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)MINDA INDUSTRIES LIMITED

Address of Applicant :Village Nawada Fatehpur P.O.
Sikanderpur Badda Distt. Gurgaon Haryana 122004 India

(72)Name of Inventor :

1)Rajiv Rathore

2)Manmeet Singh

(57) Abstract :

The present invention provides a voice operated switching system for allowing a user to operate using voice commands one or more accessory of a motor cycle which motor cycle includes handle bar switch modules comprising plurality of user operable switches for operating the accessories of the motor cycle, the voice operated switching system comprising: a microphone; a voice recognition unit coupled with the microphone and configured to receive signals indicative of voice commands from the user through the microphone; an electronic control unit (ECU) coupled with the voice recognition unit and plurality of switches of the switch modules; a power supply unit electrically coupled with the voice recognition unit, the ECU and accessories of the motor cycle for supplying power to the same; the ECU being configured to receive input signals from the voice recognition unit and from the plurality of switches of handle bar switch module; and based on the input received from the voice recognition unit and from the plurality of switches, the ECU is configured to provide output signal for operating one or more accessories of the motorcycle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.725/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :15/03/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : AN ELECTRICITY SUPPLY MANAGEMENT SYSTEM AND METHOD THEREFOR

(51) International classification	:h02j	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PAIKRAY, SITARAM PRASAD
(32) Priority Date	:NA	Address of Applicant :S-400, FIRST FLOOR, GK-PHASE-2
(33) Name of priority country	:NA	NEW DELHI-110048 India
(86) International Application No	:NA	2)SELVANATHAN NARAINSAMY
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)PAIKRAY, SITARAM PRASAD
(61) Patent of Addition to Application Number	:NA	2)SELVANATHAN NARAINSAMY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method for managing the electricity supply to a plurality of electricity consumption sites in a managed area by means of a premises electricity supply meter, an area electricity supply meter and a theft detection system. Furthermore the present electrical management system can detect energy theft by dual metering and any discrepancies in the reading of two meters prove electricity theft.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3908/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :02/06/2010

(43) Publication Date : 30/08/2013

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF COATED TITANIUM DIOXIDE PIGMENTS

(51) International classification :c01g
(31) Priority Document No :11/950,848
(32) Priority Date :05/12/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/013300
Filing Date :03/12/2008
(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)Millennium Inorganic Chemicals Inc.
Address of Applicant :20 Wight Avenue Suite 100 Hunt
Valley MD 21030 United States of America
(72)Name of Inventor :
1)AKHTAR M. Kamal
2)BANERJEE Sibashis

(57) Abstract :

A process for the preparation of pigment-grade titanium dioxide is provided that produces substantially anatase-free titanium dioxide with a uniform coating of a metal oxide without producing separate particles of the metal oxide that are not incorporated into the coating. The process comprises mixing a titanium dioxide precursor with a silicon compound to form an admixture and introducing the admixture and oxygen into a reaction zone to produce substantially anatase-free titanium dioxide. The titanium dioxide produced is contacted with a metal oxide precursor homogeneously mixed with a solvent component downstream of the reaction zone to form a uniform coating of the metal oxide on the titanium dioxide particles.

No. of Pages : 34 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4026/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :04/06/2010

(43) Publication Date : 30/08/2013

(54) Title of the invention : SCROLL TYPE FLUID MACHINERY

(51) International classification	:f04c
(31) Priority Document No	:200710009788.2
(32) Priority Date	:08/11/2007
(33) Name of priority country	:China
(86) International Application No	:PCT/IB2008/054624
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)KE Enjiu

Address of Applicant :21 Huayuanjiao Rd Nanchang Jiangxi
330006 China

2)KE Ji

(72)Name of Inventor :

1)KE Enjiu

2)KE Ji

(57) Abstract :

Scroll type fluid machinery, in which two stationary scrolls (2A, 2B) are fixed onto a housing (1), and form volume changing mechanisms (50A, 50B) with matching orbiting scrolls (3A, 3B). Three orbiting units (40) are located between the two volume changing mechanisms. Each orbiting unit comprises a rotating member (10) and a thrust-cancelling shaft (20). Assembly sets of the thrust-canceling shaft consist of turning elements and a connector, which in turn connects with orbiting scrolls through threads. There exists only circumferential constraint but no axial constraint between the connector and the turning element. Rotating turning element will rotate the connector, and thus move the two orbiting scrolls closer or farther through the threads on the connector. The rotating member of this invention further provides a larger space to the supporting bearings (14A, 14B) of the thrust-canceling shaft, and also eases component manufacturing, machinerys assembly and adjustment, and bearings cooling.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4028/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :04/06/2010

(43) Publication Date : 30/08/2013

(54) Title of the invention : FIRE PROTECTION APPARATUS, SYSTEMS AND METHODS FOR ADDRESSING A FIRE WITH A MIST

(51) International classification :A62C
(31) Priority Document No :60/987,021
(32) Priority Date :09/11/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/012571
Filing Date :07/11/2008
(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)PURSUIT DYNAMICS PLC
Address of Applicant :Shackleton House Kingfisher Way
Hinchingsbrooke Business Park Huntingdon PE29 6HB United Kingdom
2)TYCO FIRE PRODUCTS LP
(72)Name of Inventor :
1)FENTON Marcus Brian Mayhall
2)FRENCH James Oliver
3)MAGNONE Zachary L.
4)LeBLANC David J.
5)TROUTT Sean S.

(57) Abstract :

Fire protection apparatus, systems, and methods for addressing a fire with a mist are provided. More particularly, the invention provides systems and their method of design which provide a water mist to address and preferably suppress a fire. The invention further provides systems and methods for total flooding volume protection of a space to address a fire, preferably control, suppress, and more preferably extinguish a fire. The invention further provides atomizing devices for use in such systems and methods.

No. of Pages : 135 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.103/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :17/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : LEAD-FREE TRANSPARENT DIELECTRIC PHOSPHATE GLASS COMPOSITION FOR PLASMA DISPLAY PANEL AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:C03C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)BASUDEB KARMAKAR
(61) Patent of Addition to Application Number	:NA	2)ANAL TARAFDER
Filing Date	:NA	3)SHIV PRAKASH SINGH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a novel lead-free phosphate (P₂O₅)-based low softening point (480-500°C) transparent dielectric (TD) glass compositions for plasma display panel (PDP) having (mol% of) 40-45 ZnO, 42-56 P₂O₅, 0-5 B₂O₃, 0-6 SiO₂, 0-5 Al₂O₃, 0-5 Li₂O, 0-5 Na₂O, 0-5 K₂O, 0-3 CaO, 0-8 BaO and 0-3 SrO and a process for the preparation thereof. The invented glasses are well suited for use with the commercial low cost soda lime silicate (SLS) glass as PDP substrate having low strain point of 510 ± 2°C. In addition, these glasses are capable to avoid yellowing phenomenon when applied on silver electrode coated PDP panel without using any decolorizing constituents in the glass compositions. These glasses have the capability to reduce the cost of PDP production drastically due to use of commercial low cost SLS glass as PDP substrate and their low dielectric constant (6.4-9.3) reduces the power consumption of PDP during operation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.205/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :28/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : A NOVEL PHARMACEUTIAL COMPOSITION COMPRISING CEFUROXIME AND OFLOXACIN TO TREAT MICROBIAL INFECTIONS

(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)AKUMS DRUGS & PHARMACEUTICALS LIMITED

Address of Applicant :304, MOHAN PLACE, LSC, BLOCK-C, SARASWATI VIHAR, DELHI-34. India

(72)Name of Inventor :

1)MR. SANJEEV JAIN

(57) Abstract :

The present invention discloses a pharmaceutical formulation comprising Cefuroxime and ofloxacin for the treatment of variety of bacterial infections. The present invention exhibits a broad spectrum activity, thereby effective against a number of microorganisms.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.40/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :10/01/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : QUITTING SMOKING / ALCOHOL A DRUG APPROACH

(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)DR. TANVIR HUSAIN ZAIDI

Address of Applicant :DR. TANVIR HUSAIN ZAIDI
SECTOR-1, MASJID COMPOUND, SECTOR-1, BHEL,
HARIDWAR 249403 Uttarakhand India

(72)Name of Inventor :

1)DR. TANVIR HUSAIN ZAIDI

(57) Abstract :

The Pill will help in quitting smoking.it will help in quitting alcoholism. Use of pill has to be done under medical supervision and with regular blood glucose monitoring. As all drugs used in the pill are generic, so total cost will be very less. An anxiolytic agent like Alprazolam can also be added to the pills.

No. of Pages : 2 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4438/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :21/06/2010

(43) Publication Date : 30/08/2013

(54) Title of the invention : PROTECTION ARMOR □

(51) International classification	:F41H
(31) Priority Document No	:07024859.6
(32) Priority Date	:20/12/2007
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2008/010921
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)ARMORTEC SA

Address of Applicant :Parou 4 Illiopoli GR-163 42 Athens
Greece

(72)Name of Inventor :

1)FISHER Stephen

(57) Abstract :

The present invention relates to improved protection armor for providing protection against high impact projectiles, said armor having improved resistance at a reduced overall weight. The invention further relates to methods of producing such armor and to objects protected by such armor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4262/DELNP/2010 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD FOR PRODUCING A HYDROXYALKYL STARCH DERIVATIVE WITH TWO LINKERS□

(51) International classification	:c08B
(31) Priority Document No	:07024351.4
(32) Priority Date	:14/12/2007
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2008/010659
Filing Date	:15/12/2008
(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)FRESENIUS KABI DEUTSCHLAND GMBH
Address of Applicant :Else-Krner-Strasse 1 61352 Bad
Homburg GERMANY
(72)**Name of Inventor :**
1)HACKET Frank
2)EICHNER Wolfram
3)KNOLLER Helmut
4)MITSCH Andreas
5)SCHIMMEL Martin
6)ZANDER Norbert
7)HAUSCHILD Franziska

(57) Abstract :

A method of producing a hydroxyalkyl starch (HAS) derivative, comprising a) reacting optionally oxidized hydroxyalkyl starch with a compound (D) comprising at least two functional groups -O-NH₂ or a salt thereof, and b) reacting the hydroxyalkyl starch derivative obtained in step a) with a compound (L) comprising at least two functional groups W1 and W2 independently selected from the group consisting of an aldehyde group, a suitably protected aldehyde group, a keto group, and a suitably protected keto group.

No. of Pages : 91 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4263/DELNP/2010 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : HYDROXYALKYL STARCH DERIVATIVES AND PROCESS FOR THEIR PREPARATION□

(51) International classification :c08b
(31) Priority Document No :07024350.6
(32) Priority Date :14/12/2007
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2008/010660
Filing Date :15/12/2008
(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)FRESENIUS KABI DEUTSCHLAND GMBH
Address of Applicant :Else-Krner-Strasse 1 61352 Bad
Homburg GERMANY
(72)**Name of Inventor :**
1)HACKET Frank
2)HEY Thomas
3)HAUSCHILD Franziska
4)KNOLLER Helmut
5)SCHIMMEL Martin
6)SOMMERMEYER Klaus

(57) Abstract :

The invention relates to a method for the preparation of a hydroxyalkyl starch derivative which comprises reacting hydroxyalkyl starch (HAS) via the optionally oxidised reducing end of the HAS with the amino group M of a crosslinking compound which, apart from the amino group, comprises a specifically protected carbonyl group, namely an acetal group or a ketal group.

No. of Pages : 180 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2829/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :08/12/2009

(43) Publication Date : 30/08/2013

(54) Title of the invention : ORAL GASTRORETENTIVE FIXED DOSE PHARMACEUTICAL COMPOSITIONS FOR TREATMENT OF TUBERCULOSIS AND PROCESS FOR PREPARATION THEREOF

(51) International classification	:A61K31/00
(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)B.V Patel Pharmaceutical Education and Research Development (PERD) Centre

Address of Applicant :B.V. Patel PERD Centre Thaltej-Gandhinagar Highway Thaltej Ahmedabad Gujarat India

(72)Name of Inventor :

1)Shishoo Chamanlal Jagannath

2)Joshi Amita Keertimaan

3)Pund Swati Vishwas

4)Nivsarkar Manish Anil

5)Vasu Kamala Kunju

6)Padh Harish Dayaram

(57) Abstract :

Oral gastroretentive fixed dose pharmaceutical compositions for the treatment of tuberculosis are provided comprising of rifampicin and isoniazid as the active ingredients. Rifampicin is present in two dosage forms in this formulation. It is present as an immediate release loading dose as well as a gastroretentive maintenance dose. Isoniazid is present in the delayed release form. The two active ingredients, rifampicin and isoniazid are formulated in the dosage form so that they minimally interact with each other. Moreover, as they are released in separate areas of the intestinal tract, degradation of rifampicin by the presence of isoniazid is considerably reduced, leading to an increase in the bioavailability of rifampicin. The gastroretentive FDC is retained in the human body for a longer duration thus reducing the frequency of dosage.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.933/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/04/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : ACTUATOR FOR SAFETY DEVICE FOR DISPOSABLE SANITARY NEEDLES AND INSTRUMENTS

(51) International classification	:A61M 5/32	(71)Name of Applicant :
(31) Priority Document No	:FI2009A000206	1)GARGANI Mario
(32) Priority Date	:25/09/2009	Address of Applicant :Via Primo Maggio 4 I-50039 Vicchio
(33) Name of priority country	:Italy	(Firenze) Italy.
(86) International Application No	:PCT/IB2010/002390	(72)Name of Inventor :
Filing Date	:24/09/2010	1)GARGANI Mario
(87) International Publication No	:WO/2011/036544	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An actuator for safety devices (2) for needles of medical instruments of the type comprising two half-parts (3), which are connected together by a hinge line (4) and can be closed about a needle of a medical instrument to render it safe; the half-parts (3) each have an engagement portion (11) set at respective ends (3a) of the half-parts (3) to grip on the needle in a closing configuration of the half-parts (3); the actuator comprises a support (17) for supporting the half- parts (3) of the safety device (2), and a sliding slot (24) made in the support (17) in which the engagement portions (11) of the half-parts (3) can be slidably inserted; the sliding slot (24) has a width substantially equal to a width of the safety device (2) at the ends (3a) in the closing configuration of the half-parts (3) so as to bring them up to one another and push the half-parts (3) into the closing configuration.

No. of Pages : 35 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.934/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/04/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SEPARATION OF COMPONENTS FROM A MULTI-COMPONENT HYDROCARBON STREAM WHICH INCLUDES ETHYLENE

(51) International classification	:C07C 2/08
(31) Priority Document No	:2009/07265
(32) Priority Date	:16/10/2009
(33) Name of priority country	:South Africa
(86) International Application No	:PCT/IB2010/054444
Filing Date	:01/10/2010
(87) International Publication No	:WO/2011/045701
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SASOL TECHNOLOGY (PROPRIETARY) LIMITED
Address of Applicant :1 Sturdee Avenue Rosebank 2196
Johannesburg South Africa.
(72)**Name of Inventor :**
1)GILDENHUYS Johannes Jochemus
2)STONE Andrew Kenneth
3)REVELT William Francis

(57) Abstract :

A process (8,108) to separate a multi-component hydrocarbon stream (10.1) which includes ethylene and other components with at least some of the components being present in a plurality of phases, is provided. The process (8,108) includes in a first flash stage (16), flashing the multi-component hydrocarbon stream (10.1), from an elevated pressure and temperature to a pressure in the range of 10 -18 bar(a), producing a first ethylene-containing vapour stream (16.1) at a pressure in the range of 10 18 bar(a) and a multi-phase stream (16.2) which includes some ethylene. In a second flash stage (20), the multi-phase stream (16.2) is flashed to a pressure of less than 6 bar(a), producing a second vapour stream (20.1) at a pressure of less than 6 bar(a) and a bottoms stream (20.2). The first ethylene-containing vapour stream (16.1) is removed from the first flash stage (16), the second vapour stream (20.1) is removed from the second flash stage (20) and the bottoms stream (20.2) is removed from the second flash stage (20).

No. of Pages : 32 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.532/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : A MODBUS MASTER FOR TCP/IP COMMUNICATION USING MULTI-DROP TYPE POLLING TO GET DATA FROM MULTIPLE MODBUS SLAVES

(51) International classification	:H04Q	(71)Name of Applicant :
(31) Priority Document No	9/00	1)CROMPTON GREAVES LIMITED
(32) Priority Date	:NA	Address of Applicant :CG HOUSE, DR.ANNIE BESANT
(33) Name of priority country	:NA	ROAD, WORLI, MUMBAI-400 030, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BIDWAIK SATISH KUMAR
(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 Modbus Master system for TCP/IP communication using multi-drop type data polling between a Master station and multiple slave stations, through a single task, said system comprises: first table defining means adapted to define entries in said first table using said system, said entries being in relation to type of task being selected from Serial task or TCP/IP task; selection means to select TCP/IP task(s) from said first defined table; task creation means adapted to create and define a single task for all of said selected tasks; second table defining means adapted to define number of sockets (logical connections) adapted to be used by said system and further adapted to logically link said single task to said defined sockets; third table defining means adapted to define data points and map a plurality of slave station identities to said defined sockets; thereby allowing dynamic allocation of said sockets in correspondence with said slave stations to be polled by said master station using a single task. A method using said system is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/09/2009

(21) Application No.2022/MUM/2009 A

(43) Publication Date : 30/08/2013

(54) Title of the invention : HERBAL HAIR CARE AND HAIR TREATMENT FORMULATION

(51) International classification :A61K8/97,A61Q5/00
(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)Vasu Healthcare Pvt.Ltd.
Address of Applicant :896/A G.I.D.C. Makarpura Vadodara
390010 Gujarat India

(72)Name of Inventor :
1)Parekh Rajeshbhai Ramnikalal
2)Ukani Vithaldas Bhagvanjibhai
3)Patel Haribhai Bhagvanjibhai
4)Bhatt Surendra Bhagvanlal

(57) Abstract :

The herbal hair oil composition contains an effective proportion of dried herbal extracts like Azadirachta indica (Neem), Eclipta alba (Bhringraj), Emblica officinalis (Amla), Indigofera tinctoria (Nili), Centella asiatica (Brahmi/Mandukparni), Cyperus rotundus (Nagarmoth), Jasminum officinale (Jatichetika), Abrus precatorius (Gunja), Dhatura metal (Dhattura), Glycyrrhiza glabra (Yashtimadhu), Cratevea nurvala (Varunbark), Pongamia pinnata (Karanj Beej), Solanum indicum (Bruhati), Citrullus colocynthis (Indravaruni) heated with vegetable oils like Sesamum indicum (til) oil and/or Cocus nucifera (coconut) oil or cotton seed oil or mustard oil and water for 10-15 hours at about 105-115° C. This herbal hair oil is used for controlling hair fall, dandruff, treating inadequate hair growth, dull/ dry hair, split ends (Trichoptilosis), premature greying (Canites), seborrheic dermatitis as well as psoriasis.

No. of Pages : 37 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.903/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SOLAR COLLECTOR □

(51) International classification :F24J 2/05,F24J 2/26
(31) Priority Document No :0957431
(32) Priority Date :22/10/2009
(33) Name of priority country :France
(86) International Application No :PCT/FR2010/052260
Filing Date :22/10/2010
(87) International Publication No :WO/2011/048342
(61) 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)SELLIER Julien
2)GY Ren
3)JOUSSE Didier

(57) Abstract :

The invention relates to a solar collector (1) which includes: a first (2) and a second (4) wall placed opposite one another such as to define a housing (3) therebetween, the first wall (2) being transparent and intended for being positioned on the side on which the solar radiation hits the collector; and a means (6, 7) for absorbing energy from the solar radiation arranged inside the housing (3), said absorption means including at least one conduit (7) carrying a heat-transfer fluid. Furthermore, the collector (1) includes at least one transparent spacer arranged between the first wall (2) and the absorption means (6, 7) on the conduit (7).

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.552/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : A REFRIGERATOR DRAIN TUBE ASSEMBLY

(51) International classification	:F25D 21/14	(71) Name of Applicant : 1)GODREJ & BOYCE MFG CO LIMITED
(31) Priority Document No	:NA	Address of Applicant :PIROJSHANAGAR,
(32) Priority Date	:NA	VIKHROLI(WEST), MUMBAI 400 079, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)WADIA BURZIN
(87) International Publication No	:N/A	2)KULKARNI SUHAS
(61) Patent of Addition to Application Number	:NA	3)BHASKAR SATYANARAYAN PANYAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A refrigerator drain tube assembly for selectively passing a supply of drain water received from an evaporator section of the refrigerator comprises of a first tube positioned near an evaporator section for receiving the supply of drain water therefrom. The first tube includes a flange portion that has an inner and outer surfaces and a central opening and the first tube is insertable within a second tube. An opposite end of the second tube is disposed adjacent to a drain water tray that receives drain water therein. A resilient drainage valve is formed to have a tubular member and an elongated member extending from the tubular member. An opening of the tubular member extends into a passage that runs along an entire length of the elongated member. The passage is secured in its closed position due to a biasing force exerted by the resilient material and an outer diameter of the tubular member tube formed to have a greater dimension than the diameter of the flange portion so as to allow tight fitting therebetween when the tubular member is inserted within the flange portion. The tubular member collects the drain water received within the first tube and the passage allows the drain water to pass therethrough in its open position when the weight of the collected drain water exceeds the biasing force.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.907/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : DEPTH MAP GENERATION TECHNIQUES FOR CONVERSION OF 2D VIDEO DATA TO 3D VIDEO DATA□

(51) International classification	:H04N 13/00
(31) Priority Document No	:61/254,558
(32) Priority Date	:23/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/053823
Filing Date	:22/10/2010
(87) International Publication No	:WO/2011/050304
(61) 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
United States of America

(72)Name of Inventor :

1)ZHANG Rong

2)CHEN Ying

3)KARCZEWICZ Marta

(57) Abstract :

This disclosure describes techniques for generating depth maps for video units, such as video frames or slices video frames. The techniques may be performed by a video encoder in order to convert two-dimensional (2D) video to three-dimensional (3D) video. The techniques may alternatively be performed by a video decoder in order to convert received 2D video to 3D video. The techniques may use a combination of motion and color considerations in the depth map generation process.

No. of Pages : 55 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.913/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : NONVOLATILE MEMORY DEVICE AND MANUFACTURING METHOD THEREOF□

(51) International classification :H01L 27/105
(31) Priority Document No :2010-182098
(32) Priority Date :17/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/004553
Filing Date :11/08/2011
(87) International Publication No :WO/2012/023269
(61) 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)SORADA Haruyuki
2)NINOMIYA Takeki
3)MIKAWA Takumi
4)HAYAKAWA Yukio

(57) Abstract :

Provided are a nonvolatile storage device, wherein variance of an initial breakdown voltage between nonvolatile storage elements is suppressed and deterioration of yield is eliminated, and a method for manufacturing the nonvolatile storage device. A nonvolatile storage device is provided with: a nonvolatile storage element (108) wherein a variable resistance layer (106) has a multilayer structure formed flat and parallel to the main surface of a substrate (117); and a plug (103), which is electrically connected to a first electrode (105) or a second electrode (107). The nonvolatile storage device is configured such that the plug (103) area of the end surface on the side where the plug (103) and the nonvolatile storage element (108) are connected to each other, said surface being parallel to the main surface of the substrate (117), is larger than the area of the cross-section of a first transition metal oxide layer (115), i.e., a conductive region, said cross-section being parallel to the main surface of the substrate (117).

No. of Pages : 72 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.915/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : AN OPTICAL FUNCTION DETERMINING METHOD□

(51) International classification	:G02C 7/02
(31) Priority Document No	:09305949.1
(32) Priority Date	:07/10/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/065025
Filing Date	:07/10/2010
(87) International Publication No	:WO/2011/042504
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ESSILOR INTERNATIONAL (COMPAGNIE GENERALE DTMOPTIQUE)
Address of Applicant :147 rue de Paris F-94220 Charenton Le Pont France
(72)**Name of Inventor :**
1)CALIXTE Laurent
2)GUILLOUX Cyril

(57) Abstract :

A method implemented by computer means for determining a virtual wearer-ophthalmic lens-ergorama system associated with an optical function of an ophthalmic lens for a given wearer, comprising: a prescription data providing step, an optical reference surface data providing step, a virtual wearer-ophthalmic lens-ergorama system determining step, a criteria selecting step, a target value defining step, an evaluation step, and a modification step, in which at least one parameter of the virtual wearer-ophthalmic lens-ergorama system different from the base curve of the ophthalmic lens is modified, in order to minimize the difference between the target value and the evaluation criterion value.

No. of Pages : 79 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.860/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : TREATMENT COMPOSITION FOR WIPE PAPER

(51) International classification	:D21H 19/32, C08G77/38
(31) Priority Document No	:2009-239113
(32) Priority Date	:16/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/068045
Filing Date	:14/10/2010
(87) International Publication No	:WO/2011/046168
(61) 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 Corning Toray Co. Ltd.

Address of Applicant :5-1 Otemachi 1-chome Chiyoda-ku
Tokyo 100-0004 Japan.

(72)Name of Inventor :

1)Kazuhiko KOJIMA

2)Masaru OZAKI

(57) Abstract :

The present invention relates to a composition for use in treating paper comprising a specific amide polyether group-containing polyorganosiloxane. The present invention can impart superior texture in view of softness smoothness and the like to wipe paper such as tissue paper toilet paper or the like wherein the color of the wipe paper does not change and water absorbability is not inhibited.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.924/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/04/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : MONITORING DEVICE FOR MANGEMENT OF INSULIN DELIVERY □

(51) International classification :G06F 19/00

(31) Priority Document No :61/247,017

(32) Priority Date :30/09/2009

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

(86) International Application No :PCT/IL2010/000686

Filing Date :24/08/2010

(87) International Publication No :WO/2011/039741

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MOR RESEARCH APPLICATIONS LTD.

Address of Applicant :38 HaBarzel Street 69710 Tel Aviv

Israel

(72)Name of Inventor :

1)ATLAS Eran

2)NIMRI Revital

3)MILLER Shaharl

4)GRUNBERG Eli Aviram

5)PHILLIP Moshe

(57) Abstract :

A monitoring system and method is presented for use with diabetic treatment management. The monitoring system comprises a control unit, and a communication interface, which configured and operable to permit access to stored raw log data, which have been obtained over a certain time and being time spaced data points of glucose measurements, meals consumed and insulin delivery. The control unit comprises an unsupervised learning controller configured and operable to receive and process said raw log data, to determine an informative data piece from residual log data portion of said raw log data and select said informative data piece for retrospective analysis to calculate at least one global insulin pump setting of basal rate, correction factor (CF), carbohydrate ratio (CR) and insulin activity curve parameters.

No. of Pages : 68 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.925/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/04/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : MAINTAINING A SECURE COMPUTING DEVICE IN A TEST TAKING ENVIRONMENT□

(51) International classification :G06F 11/30

(31) Priority Document No :12/571,666

(32) Priority Date :01/10/2009

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

(86) International Application No :PCT/US2010/051169

Filing Date :01/10/2010

(87) International Publication No :WO/2011/041707

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)KRYTERION INC.

Address of Applicant :7776 South Pointe Parkway West Suite
250 Phoenix Arizona 85044 United States of America

(72)Name of Inventor :

1)FOSTER David

2)BONSALL Russ

3)CADDEL Jeff

4)DORMAN William

5)PERRYMAN Laura

6)PEEKE-VOUT John

(57) Abstract :

The presently disclosed invention provides for the security of a computing device in the context of a test taking environment. By securing a computing device an individual (or group of individuals) may more effectively proctor a large examination without worrying about a test taker illicitly accessing information on their computer or via a remote source of data. Securing a computing device includes locking out or preventing access to any application not deemed necessary or appropriate by the test administrator.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2930/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :18/12/2009

(43) Publication Date : 30/08/2013

(54) Title of the invention : Herbal formulation for respiratory tract problems, cough curiosa and asthma in unique dosage form

(51) International classification :A61K36/484
(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)Vasu Healthcare Pvt.Ltd.

Address of Applicant :896/A G.I.D.C. Makarpura Vadodara
Gujarat India.

(72)Name of Inventor :

1)Parekh Rajeshbhai Ramnikalal

2)Ukani Vithaldas Bhagvanjibhai

3)Patel Haribhai Bhagvanjibhai

4)Bhatt Surendra Bhagvanlal

5)Soni Hardik Kiritkumar

6)Maniar Kunal Kamlesh

7)Makwana Helena Ishwarbhai

8)Solanki Bhavna Ramanbhai

(57) Abstract :

The herbal composition in the form of granules contains an effective proportion of herbs like, Glycyrrhiza glabra (Yasthimadhu), Piper nigrum (Kalimirsch), Zingiber officinale (Nagar), Piper longum (Pippalimoola), Cinnamomum tamala (Tamal), Adhatoda vasica (Vasaka), Ocimum sanctum (Tulasi), Terminalia belerica (Baheda), Emblica officinalis (Amla), Cassia occidentalis (Kasamard), Solanum xanthocarpum (Kantakari), Cinnamomum zeylenicum (Twak), Curcuma longa (Haridra), Sarcostemma acidum (Soma), Tylophora asthmatica (Mulini) extract, Sarkara (Sugar) powder, used for controlling the upper and lower respiratory tract problems, cough curiosa and asthma. Sugar syrup is prepared in DM water and it is then added slowly with constant mixing in the mixture of all the herbal ingredients. The material is dried till the moisture come around 2.5-3 for preparing final granules. The herbal granules composition is more effective on cough and mild bronchial asthma.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.926/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/04/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYSTEM AND METHODS FOR A RUN TIME CONFIGURABLE USER INTERFACE CONTROLLER

(51) International classification	:G06F 3/048
(31) Priority Document No	:12/561,930
(32) Priority Date	:17/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/002417
Filing Date	:16/09/2010
(87) International Publication No	:WO/2011/033385
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)FLUFFY SPIDER TECHNOLOGIES PTY. LTD.
Address of Applicant :Suite 87 330 Wattle Street Ultimo
NSW 2007 Sydney Australia
(72)**Name of Inventor :**
1)KARP Robert J.
2)NASH Brett S.

(57) Abstract :

The present invention relates to interface control systems and methods, for use with consumer electronic devices. User Interfaces, which are normally predefined at the time of manufacture, are entirely specific to the appliance by virtue of the underlying kernel or operating system. The present system includes means for providing information to and receiving information from a user to establish control over the user interface. The means for providing and receiving the information may be controlled, at least in part, by an alterable database that is separate from both the operating system and applications. This allows the database to be changed without making any changes to the underlying operating system or applications. The alterable database may be in a script form, and may be configured by the user at any time during normal operation of the apparatus. The system may invoke or modify the information contained in the alterable database in response to stimuli external to the alterable database. The alterable database may also cause flags to be set. These flags may result in a limit to the operation of the apparatus, a limit to the operation of the applications, or an alteration of information referenced by the alterable database.

No. of Pages : 63 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.931/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/04/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : PRODUCTION OF HYDROCARBONS

(51) International classification	:C07C 29/156
(31) Priority Document No	:2009/07133
(32) Priority Date	:13/10/2009
(33) Name of priority country	:South Africa
(86) International Application No	:PCT/IB2010/054290
Filing Date	:23/09/2010
(87) International Publication No	:WO/2011/045692
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)SASOL TECHNOLOGY (PROPRIETARY) LIMITED
Address of Applicant :1 Sturdee Avenue Rosebank 2196
Johannesburg South Africa.
(72)Name of Inventor :
1)VISAGIE Jacobus Lucas
2)PRESTON Herman
3)SAIB Abdool Muthalib

(57) Abstract :

A process for producing hydrocarbons and, optionally, oxygenates of hydrocarbons is provided. A synthesis gas comprises hydrogen, carbon monoxide and N-containing contaminants selected from the group consisting of HCN, NH₃, NO, R_xNH₃-X, R₁-CN and heterocyclic compounds containing at least one nitrogen atom as a ring member of a heterocyclic ring of the heterocyclic compound. The N-containing contaminants constitute, in total, at least 100vppb but less than 1 000 000vppb of the synthesis gas. The synthesis gas is contacted at an elevated temperature and an elevated pressure, with a particulate supported Fischer-Tropsch synthesis catalyst. The catalyst comprises a catalyst support, Co in catalytically active form supported on the catalyst support, and a dopant selected from the group consisting of platinum (Pt), palladium (Pd), ruthenium (Ru) and/or rhenium (Re). The dopant level is expressed by a formula. Hydrocarbons and, optionally, oxygenates of hydrocarbons are obtained.

No. of Pages : 38 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.529/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYNERGISTIC COMBINATION OF A FUNGICIDE AND AN ACARICIDE

(51) International classification

:A01N
43/56

(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/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)INDOFIL INDUSTRIES LIMITED

Address of Applicant :KALPATARU SQUARE, 4TH
FLOOR, KONDIVITA ROAD, OFF: ANDHERI-KURLA
ROAD, ANDHERI(E) MUMBAI-400 059, MAHARASHTRA,
INDIA

(72)Name of Inventor :

1)RAO JAYPRAKASH GOPALKRISHNA

2)BHARAMBE SHAILENDRA MITHARAM

3)KAKADE SHARAD MAHADEO

(57) Abstract :

The present disclosure relates to a synergistic biocidal composition comprising: Propargite in an amount ranging between 2 % and 35 % with respect to the total mass of the composition and Mancozeb in an amount ranging between 30 % and 80 % with respect to the total mass of the composition, wherein the proportion of Propargite to Mancozeb ranges between 1:1 and 1:40.

No. of Pages : 38 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.525/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : A NOVEL PROCESS FOR PREPARATION OF ROFLUMILAST

(51) International classification	:C07D 213/75	(71) Name of Applicant : 1)EMCURE PHARMACEUTICALS LIMITED Address of Applicant :EMCURE HOUSE, T-184, M.I.D.C., BHOSARI, PUNE-411026, 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)GURJAR MUKUND KESHAV
Filing Date	:NA	2)KALIAPERUMAL NEELAKANDAN
(87) International Publication No	:N/A	3)NANDALA SRINIVAS
(61) Patent of Addition to Application Number	:NA	4)PANCHABHAI PRASAD PANDURANG
Filing Date	:NA	5)AHIRRAO PRAVIN PRABHAKAR
(62) Divisional to Application Number	:NA	6)MEHTA SAMIT SATISH
Filing Date	:NA	

(57) Abstract :

The present invention provides a novel and convenient method for preparation of Roflumilast (I). The process involves preparation of imidazol-1-yl-3-(cyclopropylmethoxy-4-(difluoromethoxy)phenylmethanone of formula (IV) in an organic solvent followed by reaction with 4-amino-3,5-dichloro pyridine in a second organic solvent and in presence of a base to provide Roflumilast (I) of desired purity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.863/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : IDENTIFYING TRANSITION POINTS IN CHEMICAL REACTIONS

(51) International classification :G01N 33/48

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/IB2009/053997
Filing Date :12/09/2009

(87) International Publication No :WO/2011/030186

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)AZURE VAULT LTD.

Address of Applicant :P.O. Box 4081 52501 Ramat-Gan
Israel.

(72)Name of Inventor :

1)RUSSAK Zeev

(57) Abstract :

An apparatus for identifying transition points in a chemical reaction, the apparatus comprising: a property value receiver, configured to receive a plurality of values of a physical property of the chemical reaction, a linear function calculator, associated with the property value receiver, configured to calculate a linear function connecting two of the received values, the two values pertaining to a start and end of a time period, a difference calculator, associated with the linear function calculator, configured to calculate a difference between the linear function and a plurality of the received values pertaining to the time period, and a transition point identifier, associated with the difference calculator, configured to identify at least one transition point of the chemical reaction, using the calculated difference.

No. of Pages : 35 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.531/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : A METHOD FOR OBTAINING INDUCTION HEAT TREATED COLD ROLLED MOTOR LAMINATIONS FOR USE IN MOTORS, AND MOTORS THEREOF.

(51) International classification	:C21D	(71)Name of Applicant :
(31) Priority Document No	8/12	1)CROMPTON GREAVES LIMITED
(32) Priority Date	:NA	Address of Applicant :CG HOUSE, DR.ANNIE BESANT
(33) Name of priority country	:NA	ROAD, WORLI, MUMBAI-400 030, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MUDRAGADA SATHYANARAYANA
(87) International Publication No	:N/A	2)HIWARKAR VIJAY
(61) Patent of Addition to Application Number	:NA	3)INGLE ASHA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for treating cold rolled loose metal laminations, said method comprising: first step of induction heating said metal loose laminations up to temperatures in the range of about 600°C to 800°C; second step of maintaining said metal loose laminations in heated temperature in the range of about 600°C to 800°C for a pre-determined period of time in relation to the total amount of mass to be heated; and third step of cooling said metal loose laminations to room temperature. A motor is obtained which is made by loose stack of heat treated metal laminations to obtain a stator pack, said treated metal laminations obtained using said method.

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.544/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD AND SYSTEM FOR AN AUTOMATED PASSBOOK PRINTING.

(51) International classification	:B42D 9/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED
(31) Priority Document No	:NA	Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
(32) Priority Date	:NA	NARIMAN POINT, MUMBAI 400021, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PATEL, JAIDEEP KANUBHAI
(87) International Publication No	:N/A	2)SUBRAMANIAN, RAMESH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present branch bank operation application provides an automated solution for passbook printing which enables customer to update their passbook by themselves (in self service mode). A method for printing the passbook is implemented by sending the request through the Magnetic Stripe Reader. This method also enables Magnetic Stripe Reader to perform a non financial bank transaction which provides a better solution for the integration of passbook printing solution with core banking solution. This method is also overcome various problems faced by bank as well as customers in routine process.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3872/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : CONTROL METHOD AND SYSTEM FOR REMOTE CONFIGURATION

(51) International classification :H04L29/08
(31) Priority Document No :200910110070.1
(32) Priority Date :10/11/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/071722
Filing Date :13/04/2010
(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)Yan QIAN
2)Hongcheng LUO

(57) Abstract :

A method for controlling remote configuration includes: a configuration management terminal requesting a configuration file to be remotely configured and managed from a configuration management server; the configuration management server returning a configuration item of the configuration file to the configuration management terminal according to a configuration definition corresponding to the configuration file, with the configuration definition comprising the attributes of the configuration item in the corresponding configuration file; and the configuration management terminal modifying the configuration item and then submitting the modified configuration item to the configuration management server, and the configuration management terminal modifying the configuration file after modifying and verifying the submitted configuration item according to the attributes of the configuration item. A system for controlling remote configuration maintains and manages the configuration items of various configuration files according to the configuration definitions corresponding to the configuration files, so as to achieve universal management of configuration files, and when a new configuration file occurs, it can be extended by way of the configuration definition.

No. of Pages : 31 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3873/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : CONTROL METHOD AND SYSTEM FOR MULTIMEDIA RING BACK TONE SERVICE IN THE MULTIMEDIA SUBSYSTEM FIELD

(51) International classification	:H04M3/42
(31) Priority Document No	:200910207435.2
(32) Priority Date	:03/11/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/071179
Filing Date	:22/03/2010
(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 District Shenzhen Guangdong 518057 China
(72)**Name of Inventor :**
1)Wang LUO
2)Haojun ZHANG
3)Song SHEN
4)Tao LU
5)Zhengquan JI

(57) Abstract :

A method for controlling Multimedia Ring Back Tone (MRBT) service in an IP multimedia subsystem domain is disclosed in the present invention, and the method includes: a ring back tone (RBT) center forwarding the received request message to the called User Equipment (UE); the RBT center triggers the RBT service after it receives the response message sent from the called UE; the RBT center sends the negotiation result to the calling UE after performing the media negotiation and plays the ring back tone after receiving the response message returned from the calling UE. A system for controlling MRBT service in an IP multimedia subsystem domain is disclosed in the present invention, and the RBT center in the system is used to forward the request message to the called UE; trigger the RBT service after receiving the response message sent by the called UE; send the negotiation result to the calling UE after performing the media negotiation, and play the ring back tone after receiving the response message from the calling UE. The call between the calling UE and the called UE can be established more rapidly with the method and the system in the present invention.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3874/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD AND TERMINAL FOR CHANNEL STATE INFORMATION FEEDBACK

(51) International classification :H04B7/08
(31) Priority Document No :201010290522.1
(32) Priority Date :20/09/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/001264
Filing Date :01/08/2011
(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

(71)**Name of Applicant :**
1)ZTE CORPORATION
Address of Applicant :ZTE Plaza Keji Road South Hi-Tech
Industrial Park Nanshan District Shenzhen Guangdong 518057
China
(72)**Name of Inventor :**
1)Yijian CHEN
2)Yu Ngok LI
3)Jun XU
4)Shupeng LI

(57) Abstract :

The present invention discloses a method and terminal for feeding back channel status information including: when the channel status information is fed back on the physical uplink control channel code words contained in the used codebook with a layer number or rank being r is a subset of the code words contained in the codebook with a layer number or rank being r in the overall codebook defined in the LTE-A; wherein the is a single codebook or a single codebook equivalent to dual codebooks; and the is a single codebook or a single codebook equivalent to the dual codebooks; and the single codebook equivalent to the dual codebooks means that the actually used codebook is an actually defined single codebook however 2 pre-coding matrix identifiers are required to determine the codebook of the code words therein for an established r . The method described by the present invention can ensure the precision of the PMI feedback under the limited overhead, make the CSI feedback on the PUCCH still be able to more effectively support the pre-coding technology and have good compatibility with the feedback on the PUSCH.

No. of Pages : 98 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3861/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : MOLD METHOD FOR MANUFACTURING A MOLD AND ANTIREFLECTIVE FILM□

(51) International classification	:C25D11/04
(31) Priority Document No	:2009-248301
(32) Priority Date	:28/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/069095
Filing Date	:27/10/2010
(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)SHARP KABUSHIKI KAISHA

Address of Applicant :22-22 Nagaike-cho Abeno-ku Osaka-shi Osaka 545-8522 Japan

(72)Name of Inventor :

1)MINOURA Kiyoshi

2)ISURUGI Akinobu

(57) Abstract :

A moth-eye mold fabrication method of the present invention includes the steps of: (a) providing an aluminum film (18) deposited on a base, the aluminum film (18) having a thickness of not less than 0.5 μm and not more than 5 μm , a surface (18s) of the aluminum film (18) having a plurality of crystal grains (18a) whose average crystal grain diameter is not less than 200 nm and not more than 5 μm ; (b) after step (a), anodizing the surface of the aluminum film to form a porous alumina layer (14) which has a plurality of minute recessed portions (14p); and (c) after step (b), bringing the porous alumina layer into contact with an etching solution, thereby enlarging the plurality of minute recessed portions of the porous alumina layer. The present invention provides a method of readily fabricating a mold that is for manufacture of an antireflection film in which a moth-eye structure is superposed over an antiglare structure.

No. of Pages : 67 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3866/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : PERSONAL LEARNING APPARATUS AND METHOD BASED ON WIRELESS COMMUNICATION NETWORK

(51) International classification :G06Q50/00
(31) Priority Document No :10-2009-0104537
(32) Priority Date :30/10/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/007623
Filing Date :01/11/2010
(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)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :416 Maetan-dong Yeongtong-gu
Suwon-si Gyeonggi-do 442-742 Republic of Korea.
(72)Name of Inventor :
1)MYUNG-JIN EOM
2)MYOUNG-JONG SONG
3)IK-SOO KIM

(57) Abstract :

A personal learning apparatus and method using a terminal which supports an electronic book function in a wireless communication network are provided. The personal learning method includes: distributing by a master device learning data to the terminal within a wireless communication service area; collecting by the master device learning results based on the learning data from the terminal provided with the learning data; and storing by the master device the collected learning results.

No. of Pages : 38 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3867/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : DETERMINATION OF APPROPRIATE RADIO RESOURCE TO BE REQUESTED IN CASE OF A CIRCUIT-SWITCHED (CS) FALLBACK PROCEDURE

(51) International classification	:H04W88/06
(31) Priority Document No	:09306075.4
(32) Priority Date	:09/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/CA2010/001739
Filing Date	:08/11/2010
(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)Research In Motion Limited

Address of Applicant :295 Phillip Street Waterloo Ontario
N2L 3W8 Canada.

(72)Name of Inventor :

1)FAURIE Rene

2)ARZELIER Claude Jean-Frederic

(57) Abstract :

A system and method for implementing fallback on a wireless device for circuit switched fallback from a first network that does not provide a circuit switched domain service is presented. A paging message is received from the first network. The paging message instructs the wireless device to implement circuit switched fallback to a circuit switched network. The paging message is inspected for information indicative of a service associated with the paging message and a channel type suitable for the service is determined from the information indicative of the service. A request message for initiating the establishment of a radio connection is transmitted. The request message identifies the suitable channel type and the service is used on the circuit switched network.

No. of Pages : 41 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3868/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD AND SYSTEM FOR APPLICATION LEVEL LOAD BALANCING IN A PUBLISH/SUBSCRIBE MESSAGE ARCHITECTURE

(51) International classification	:G06F7/00
(31) Priority Document No	:12/615,205
(32) Priority Date	:09/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/049872
Filing Date	:22/09/2010
(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)VERISIGN INC.
Address of Applicant :12061 Bluemont Way Reston VA
20190 USA.
(72)**Name of Inventor :**
1)GALLANT John Kenneth

(57) Abstract :

A method of publishing a message includes receiving a subscription request at a first remote relay from a first client and transmitting a subscription message from the remote relay to each of a first set of central relays. The method also includes receiving a publication request at a second remote relay from a second client and transmitting a publication message from the second remote relay to a first central relay of the first set of central relays and a second central relay of a second set of central relays. The method further includes determining at the first central relay that a target matches at least a portion of a pattern transmitting the message string from the first central relay to the first remote relay determining at the first remote relay that the target matches at least a portion of the pattern and transmitting the message string to the first client.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3900/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : APPARATUS AND METHOD FOR ESTABLISHING A PERSONAL NETWORK FOR PROVIDING A CPNS SERVICE

(51) International classification :H04W84/18
(31) Priority Document No :10-2009-0099002
(32) Priority Date :16/10/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/007095
Filing Date :15/10/2010
(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)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :416 Maetan-dong Yeongtong-gu
Suwon-si Gyeonggi-do 442-742 Republic of Korea.
(72)Name of Inventor :
1)Sung-Jin PARK
2)KIM Wuk
3)HWANG Sung-Oh

(57) Abstract :

Provided is an apparatus and a method for establishing a Personal Network (PN) by interconnecting a gateway device and various Consumer Electronics (CE) devices through a simple process in order to enable the CEs to receive various services. The method includes performing a physical pairing with surrounding devices by using Near Field Communication (NFC); finding a gateway device which relays a service from the server from among the paired devices; selecting a scheme for establishing a PN with the gateway device; and sending a request for connection with a PN according to the selected scheme to the found gateway device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3901/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : EXTRACTING TOUCH DATA THAT REPRESENTS ONE OR MORE OBJECTS ON A TOUCH SURFACE

(51) International classification	:G06F3/042
(31) Priority Document No	:0950770-8
(32) Priority Date	:19/10/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/051103
Filing Date	:13/10/2010
(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)FLATFROG LABORATORIES AB
Address of Applicant :Traktorvgen 11 S-226 60 Lund Sweden.
(72)**Name of Inventor :**
1)Thomas CHRISTIANSSON

(57) Abstract :

A touch-sensing apparatus is based on frustrated total internal reflection (FTIR). The apparatus comprises a panel, in which sheets of light are propagated by internal reflection between a touch surface and an opposite surface. A light sensor arrangement is optically connected to the panel to measure transmitted light energy on detection lines across the touch surface. Each detection line represents a light path across the touch surface from a light source to a light sensor. An object that touches the touch surface will frustrate the propagating light and cause a local attenuation among the detection lines. A data processor is connected to the light sensor arrangement and configured to execute a process for extracting touch-related data. In the process, an output vector is generated to contain signal values indicative of light received by the light sensor arrangement on a set of detection lines (step 52), and a two-dimensional attenuation field on the touch surface is represented by one or more two-dimensional basis functions. Each basis function defines an attenuation strength within its two-dimensional extent. The process reconstructs the attenuation field from the output vector (step 54), based on a mapping of the set of detection lines to each basis function. In the reconstruction, an estimated attenuation field is calculated by optimizing at least one of the attenuation strength and the location of each basis function such that the estimated attenuation field yields the output vector. The estimated attenuation field is then processed for extraction of the touch-related data (step 56).

No. of Pages : 58 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3902/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR BALANCING ENERGY STORAGE DEVICES

(51) International classification :H02J7/00
(31) Priority Document No :09173418.6
(32) Priority Date :19/10/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/065705
Filing Date :19/10/2010
(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)4ESYS NV

Address of Applicant :Romeinsestraat 18 B-3001 Leuven
Belgium.

(72)Name of Inventor :

1)Eric VERHAEVEN

2)Jeroen VAN DEN KEYBUS

3)Rudolf VIDAEL

4)Johan COOSEMANS

(57) Abstract :

The invention is directed to a system for balancing a series connection of energy storage devices comprising: an intermediate storage element coupled between a pair of sections of one or a number of adjacent energy storage devices of a series connection of energy storage devices, said sections each having a more positive terminal (A) at one end and a more negative terminal (B) at its other end; and a switching means switching sequentially between coupling terminals (A) to each other via said intermediate storage element and coupling terminals (B) to each other via said intermediate storage element; characterized in that said sections are nonadjacent. Further, the invention is directed to an assembly comprising a series connection of energy storage devices and such balancing system.

Additionally, the invention is directed to a method for balancing a series connection of energy storage devices comprising the steps of: providing a series connection of energy storage devices; selecting from said series connection a pair of sections of one or a number of adjacent energy storage devices, said sections to be balanced to each other and each having a more positive terminal (A) at one end and a more negative terminal (B) at its other end; coupling the terminals (A) of said pair of sections via an intermediate storage element; decoupling the terminals (A) and coupling the terminals (B) of said pair of sections via said intermediate storage element; and sequentially repeating step c and d; characterized in that said sections are non-adjacent The invention is also directed to the use of the above system or method for balancing a series connection of electric double-layer capacitors, lithium capacitors, electrochemical battery devices and battery packs, and lithium battery devices like lithium-polymer and lithium-ion battery devices.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3907/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD AND APPARATUS FOR SWITCHING SPEECH OR AUDIO SIGNALS

(51) International classification :G01L19/00
(31) Priority Document No :201010163406.3
(32) Priority Date :28/04/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/073479
Filing Date :28/04/2011
(87) 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 Technologies Co. Ltd.
Address of Applicant :Huawei Administration Building
Bantian Longgang District Shenzhen Guangdong 518129 P.R.
China.
(72)Name of Inventor :
1)LIU Zexin
2)MIAO Lei
3)HU Chen
4)WU Wenhai
5)LANG Yue
6)ZHANG Qiong

(57) Abstract :

A method and an apparatus for switching speech or audio signals are disclosed. The method for switching speech or audio signals includes: when a switching of a speech or audio occurs, weighting a first high frequency band signal of a current frame of speech or audio signal and a second high frequency band signal of the previous M frame of speech or audio signals to obtain a processed first high frequency band signal (101); and synthesizing the processed first high frequency band signal and a first low frequency band signal of the current frame of speech or audio signal into a wide frequency band signal (102).

No. of Pages : 46 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3908/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD DEVICE AND SYSTEM FOR SERVICE PRESENTATION

(51) International classification :H04W4/24
(31) Priority Document No :200910211376.6
(32) Priority Date :30/10/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/078205
Filing Date :28/10/2010
(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

(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)ZENG Qiuchang
2)ZHANG Yuqing
3)LU Yan

(57) Abstract :

A method device and system for service presentation. The method for service presentation includes the following steps: receiving a presentation request message acquiring presentation information from the presentation request message and then storing the presentation information; when the presentee visits the presented content receiving an authentication and pricing request message transmitted by the service enabling component; executing the processing of the authentication and pricing according to the authentication and pricing request message and the stored presentation information. The present invention is applicable to presenting services like content and so on.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3909/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : APPROACHES FOR ENSURING DATA SECURITY

(51) International classification :G06F21/22
(31) Priority Document No :US12/613,440
(32) Priority Date :05/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/054418
Filing Date :28/10/2010
(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

(71)Name of Applicant :
1)Absolute Software Corporation
Address of Applicant :Suite 1600 Four Bentall Centre 1055
Dunsmuir St. Vancouver BC V7X 1K8 Canada.
(72)Name of Inventor :
1)TARKHANYAN Anahit
2)GUPTA Ravi

(57) Abstract :

Techniques for protecting resources of a client from theft or unauthorized access. A BIOS agent stores policy data within a BIOS of the client. The BIOS agent is one or more software modules operating in the BIOS of the client. The policy data describes one or more security policies which the client is to follow. In response to the client following at least one of the one or more security policies a persistent storage medium of the client is locked by instructing a controller of the persistent storage medium to deny to any entity access to data stored on the persistent storage medium unless the entity supplies to the controller a recognized authentication credential. In this way a malicious user without access to the recognized authentication credential cannot access the data stored on the persistent storage medium even if the persistent storage medium is removed from the client.

No. of Pages : 67 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3910/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : APPROACHES FOR A LOCATION AWARE CLIENT

(51) International classification	:G06F21/20
(31) Priority Document No	:US12/628,093
(32) Priority Date	:30/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/057907
Filing Date	:23/11/2010
(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)Absolute Software Corporation

Address of Applicant :Suite 1600 Four Bentall Centre 1055
Dunsmuir St. Vancouver BC V7X 1K8 Canada.

(72)Name of Inventor :

1)LEMIEUX Jacques

2)GUPTA Ravi

(57) Abstract :

Techniques for performing an action based on the present location of a client to protect resources of the client from theft or unauthorized access. A server may intermittently receive from a client location information such as GPS information triangulation information based on one or more Wi-Fi access points and IP trace information. The server may determine the clientTMs location by (a) determining for an interval of time whether GPS information triangulation information and IP trace information are available for the client and (b) based on the available GPS information triangulation information and IP trace information determining the present location of the client e.g. by determining a weighted arithmetic mean or by using a sequence of types of location information ordered based on accuracy. In response to following a security policy the server may perform an action specified by the security policy based on the present location of the client.

No. of Pages : 78 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3911/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : HIGH ACID BEVERAGE PRODUCTS AND METHODS TO EXTEND PROBIOTIC STABILITY□

(51) International classification	:A23L1/30
(31) Priority Document No	:12/626,226
(32) Priority Date	:25/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/057960
Filing Date	:24/11/2010
(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)TROPICANA PRODUCTS INC.
Address of Applicant :1001 13th Avenue E Bradenton
Florida 34208 United States of America
(72)**Name of Inventor :**
1)RIVERA Teodoro
2)OESTERLING Jessica
3)LEE Yih Jennifer

(57) Abstract :

Beverage products are disclosed comprising at least one fruit juice at least one sweetener probiotic bacteria and beta-glucan where the beverage product has a pH of at most 4.5 and an acid level of 0.5% - 1.0 %. In certain exemplary and non-limiting embodiments the beverage product has the characteristic that if tested after 45 days of storage in hermetically sealed individually sized 12 fl. oz. PET vessels stored in the dark or in otherwise UV shielded conditions at a refrigeration temperature of 35° F the beverage product has an increased shelf life when compared to the same beverage product without beta glucan. Methods are provided for making such beverage products with extended probiotic stability.

No. of Pages : 47 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3912/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : WAVELENGTH CONVERTED SEMICONDUCTOR LIGHT EMITTING DIODE

(51) International classification :H01L33/50

(31) Priority Document No :12/624,156

(32) Priority Date :23/11/2009

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

(86) International Application No :PCT/IB2010/054800

Filing Date :22/10/2010

(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

2)PHILIPS LUMILEDS LIGHTING COMPANY LLC

(72)Name of Inventor :

1)SIMONIAN Dmitri

2)BASIN Grigoriy

(57) Abstract :

A device includes a semiconductor structure (50) comprising a light emitting layer disposed between an n-type region and a p-type region. A luminescent material (58a 58b) is positioned in a path of light emitted by the light emitting layer. A thermal coupling material (56) is disposed in a transparent material (60). The thermal coupling material has a thermal conductivity greater than a thermal conductivity of the transparent material. The thermal coupling material is positioned to dissipate heat from the luminescent material.

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3913/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : ULTRASONIC SHEAR WAVE IMAGING WITH FOCUSED SCANLINE BEAMFORMING

(51) International classification :G01S7/52
(31) Priority Document No :61/264277
(32) Priority Date :25/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/055179
Filing Date :15/11/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)Name of Inventor :
1)PETERSON Roy B.
2)SHAMDASANI Vijay
3)ENTREKIN Robert Randall
4)SHI Yan
5)XIE Hua
6)ROBERT Jean-luc

(57) Abstract :

An ultrasonic diagnostic imaging system produces an image of shear wave velocities by transmitting push pulses to generate shear waves. A plurality of tracking lines are transmitted and echoes received by a focusing beamformer adjacent to the location of the push pulses. The tracking lines are sampled in a time-interleaved manner. The echo data acquired along each tracking line is processed to determine the time of peak tissue displacement caused by the shear waves at points along the tracking line and the times of peaks at adjacent tracking lines compared to compute a local shear wave velocity. The resultant map of shear wave velocity values is color-coded and displayed over an anatomical image of the region of interest.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3914/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : ELECTRONIC SYSTEM AS WELL AS A BASE PART AND AN ELECTRONIC MODULE SUITABLE FOR SUCH AN ELECTRONIC SYSTEM

(51) International classification	:H05B37/02
(31) Priority Document No	:09176434.0
(32) Priority Date	:19/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/055106
Filing Date	:10/11/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)VAN HOOFF Willem Piet
2)VAN GORKOM Ramom Pascal
3)VAN BOMMEL Marcus Jozef

(57) Abstract :

An electronic system comprises at least a base part a power source and at least one electronic module adapted to be powered by the power source. The base part is provided with at least two parallel extending elongated tracks being electrically conductive. At least one parameter of the electronic module is changeable by amending the distance of the electronic module to a predetermined location on the tracks.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3915/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : IMAGING BASED VIRUS DETECTION

(51) International classification	:A61B6/03
(31) Priority Document No	:61/263063
(32) Priority Date	:20/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/054910
Filing Date	:29/10/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)OLSZEWSKI Mark E
2)WALKER Matthew J.

(57) Abstract :

A method for detecting a virus in a patient based on imaging data includes scanning a region of interest of the patient with an imaging device and generating imaging data indicative of the region of interest identifying at least one marker in the image data that corresponds to the virus based on the identified at least one marker and a set of predetermined imageable markers that correspond to the virus classifying the virus as a particular strain of the virus based on a set of classification rules and generating a signal indicative of the particular strain. The method optionally includes generating a signal indicative of the classification and electronically conveying the signal to at least one entity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3922/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : COFFEE MACHINE

(51) International classification	:A47J31/44
(31) Priority Document No	:FI2009A000248
(32) Priority Date	:25/11/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/055306
Filing Date	:19/11/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)TONELLI Stefano
2)CASTELLI Cristiano

(57) Abstract :

The coffee machine (1) comprises: at least a coffee supply module (7); a support surface (9) for cups arranged beneath said coffee supply module (7); at least a first steam supply nozzle (13) to which a milk container (15) can be connected equipped with an emulsifying module (12) having a connection seat in which the first steam supply nozzle is inserted when the container is connected to the steam supply nozzle. The emulsifying module comprises a pipe for sucking up milk from the container and a nozzle for supplying hot or emulsified milk (67). The steam supply nozzle (13) is oriented toward the support surface (9) and the connection seat of the container (15) is oriented upwardly when the container is placed on the support surface (9) with the first steam supply nozzle (13) inserted in the connection seat.

No. of Pages : 23 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3923/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : ENHANCED IMAGE DATA / DOSE REDUCTION

(51) International classification :G06T5/00
(31) Priority Document No :61/264340
(32) Priority Date :25/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/054913
Filing Date :29/10/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)Name of Inventor :
1)GOSHEN Liran
2)BROWN Kevin M.
3)ZABIC Stanislav
4)WIEGERT Jens
5)GRINGAUZ Asher

(57) Abstract :

A method includes generating enhanced image data based on lower dose image data and a predetermined image quality threshold wherein an image quality of the enhanced image data is substantially similar to an image quality of higher dose image data and a system includes an image quality enhancer (128) that generates enhanced image data based on lower dose image data and a predetermined image quality threshold wherein an image quality of the enhanced image data is substantially similar to an image quality of higher dose image data.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3924/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : WIRELESS NETWORK SYSTEM WITH ENHANCED ADDRESS CONFLICT RESOLVING FUNCTIONALITY

(51) International classification	:H04L29/12
(31) Priority Document No	:09177330.9
(32) Priority Date	:27/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/055224
Filing Date	:17/11/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)MICCORMACK James Joseph Anthony
2)VAN LEEUWEN Franciscus Wilhelmus Adrianus Alphonsus

(57) Abstract :

A wireless network system (10) and a method of operating a wireless network system (10) is described. The wireless network system (10) comprises at least a control device (1) and a function device (21, 21□, 21□□). The control device (1) being configured to send an application control command to said function device (21, 21□, 21□□) with a first network address (AD1) and the function device (21, 21□, 21□□) being configured upon reception of said application control command to send an acknowledgement signal to said control device (1). The control device (1) sends conflict information to said function device (21, 21□, 21□□) in case more than one acknowledgement signal is received, and said function device (21, 21□, 21□□) upon reception of said conflict information stores a second network address (AD2), different from said first network address (AD1) in said device configuration memory (28), so that said function device (21, 21□, 21□□) is addressable in said network system (10) using said second network address (AD2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3925/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : SELF GAUGING INSERTION COUPLING COAXIAL CONNECTOR □

(51) International classification	:H01R9/05
(31) Priority Document No	:12/611,095
(32) Priority Date	:02/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/051792
Filing Date	:07/10/2010
(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)ANDREW LLC

Address of Applicant :1100 Commscope Place Se Hickory
North Carolina 28602 United States of America

(72)Name of Inventor :

1)PAYNTER Jeffrey

2)ISLAM Nahid

(57) Abstract :

A self-gauging electrical connector for coaxial cables with outer conductors of varied diameters is provided with a clamp ring coupled to a connector body with a bore. A mechanical grip and an electrical contact are retained within the bore. The mechanical grip and the electrical contact engage the outer conductor upon insertion of the outer conductor into the bore. The mechanical grip is displaced radially proportional to an outer diameter of the outer conductor. The electrical contact is displaced radial proportional to the radial displacement of the mechanical grip.

No. of Pages : 40 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1592/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :09/05/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : A PROCESS FOR PREPARATION OF DIMINAZENE DIACETURATE

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SEQUENT SCIENTIFIC LIMITED
(32) Priority Date	:NA	Address of Applicant :STAR-II, OPPOSITE TO INDIAN
(33) Name of priority country	:NA	INSTITUTE OF MANAGEMENT, BILEKAHALLI,
(86) International Application No	:NA	BANNERGHATTA ROAD, BANGALORE - 560 076 Karnataka
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)VERMA, SUDHAKAR
Filing Date	:NA	2)ARULMOLI, THANGAVEL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a novel, cost-effective process for preparation of a diazoamino benzene compound. Specifically, it relates to the process for the preparation of diminazene diacetate. The process comprises a) converting p-nitro benzoic acid of formula VII into p-nitro benzamide of formula VI; b) converting p-nitro benzamide of formula VI into p-nitro benzonitrile of formula V ; c) converting p-nitro benzonitrile of formula V into p-nitro benzamidoxime of formula IV ; d) reducing the p-nitro benzamidoxime of formula IV to obtain p-amino benzamidine dihydrochloride of formula III ; e) diazotising p-amino benzamidine dihydrochloride of formula III, followed by coupling of diazonium salt of p-amino benzamidine dihydrochloride with p-amino benzamidine dihydrochloride to obtain diminazene of formula II; f) reacting diminazene of formula II obtained in step e) with acetic acid to form diminazene diacetate of formula I.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1593/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :09/05/2011

(43) Publication Date : 30/08/2013

(54) Title of the invention : A PROCESS FOR PREPARATION OF PIMOBENDANE

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SEQUENT SCIENTIFIC LIMITED
(32) Priority Date	:NA	Address of Applicant :STAR-II, OPPOSITE TO INDIAN
(33) Name of priority country	:NA	INSTITUTE OF MANAGEMENT, BILEKAHALLI,
(86) International Application No	:NA	BANNERGHATTA ROAD, BANGALORE - 560 076 Karnataka
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SATHYA, PRASANNA
Filing Date	:NA	2)NANDAGOKULA, CHIDANANDA
(62) Divisional to Application Number	:NA	3)UDUPA, KOODLI VENKATRAMANA
Filing Date	:NA	4)ARULMOLI, THANGAVEL

(57) Abstract :

The present invention relates to a facile and cost-effective process for the preparation of esters derivatives of 2-nitro aniline specifically methyl 4-(4-amino-3-nitro-phenyl)-3-methyl-4-oxobutanoate. The present invention further enables preparation of pimobendane well-known veterinary drug using methyl 4-(4-amino-3-nitro-phenyl)-3-methyl-4-oxobutanoate as raw material.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/05/2012

(21) Application No.3950/CHENP/2012 A

(43) Publication Date : 30/08/2013

(54) Title of the invention : CVD APPARATUS

(51) International classification :C23C16/44

(31) Priority Document No :61/250, 340

(32) Priority Date :09/10/2009

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

(86) International Application No :PCT/US2010/051989

Filing Date :08/10/2010

(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)HEMLOCK SEMICONDUCTOR CORPORATION

Address of Applicant :12334 Geddes Road Hemlock MI
48626 United States of America

(72)Name of Inventor :

1)HILLABRAND David

2)MCCOY Keith

(57) Abstract :

A manufacturing apparatus for deposition of a material on a carrier body and an electrode for use with the manufacturing apparatus are provided. The manufacturing apparatus includes a housing that defines a chamber. The housing also defines an inlet for introducing a gas into the chamber and an outlet for exhausting the gas from the chamber. At least one electrode is disposed through the housing with the electrode at least partially disposed within the chamber. The electrode includes a shaft having a first end and a second end and a head disposed on one of the ends of the shaft. The head of the electrode has an exterior surface having a contact. An exterior coating is disposed on the exterior surface of the electrode outside of the contact region. The exterior coating has a greater wear resistance than nickel as measured in mm³/Nm.

No. of Pages : 44 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3951/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : CVD APPARATUS WITH ELECTRODE

(51) International classification	:C23C16/44
(31) Priority Document No	:61/250, 317
(32) Priority Date	:09/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/051945
Filing Date	:08/10/2010
(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)HEMLOCK SEMICONDUCTOR CORPORATION
Address of Applicant :12334 Geddes Road Hemlock MI
48626 United States of America
(72)**Name of Inventor :**
1)HILLABRAND David
2)MCCOY Keith

(57) Abstract :

A manufacturing apparatus for deposition of a material on a carrier body and an electrode for use with the manufacturing apparatus are provided. The manufacturing apparatus includes a housing that defines a chamber. The housing also defines an inlet for introducing a gas into the chamber and an outlet for exhausting the gas from the chamber. At least one electrode is disposed through the housing with the electrode at least partially disposed within the chamber. The electrode has an exterior surface. A first exterior coating having an electrical conductivity of at least 7×10^6 Siemens/meter at room temperature is disposed on the exterior surface of the electrode. A second exterior coating different from the first exterior coating is disposed on the first exterior coating. A power supply device is coupled to the electrode.

No. of Pages : 49 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4016/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : KINASE INHIBITORS□

(51) International classification :A01N43/90
(31) Priority Document No :61/256,222
(32) Priority Date :29/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/054853
Filing Date :29/10/2010
(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)GENOSCO

Address of Applicant :12801 Busch Place Santa Fe Springs
CA 90670 United States of America

2)OSCOTEC INC.

(72)Name of Inventor :

1)KIM Hong Woo

2)KOH Jong Sung

3)LEE Jaekyoo

4)SONG Ho-Juhn

5)KIM Youngsam

6)LEE Hee Kyu

7)CHOI Jang-Sik

8)LIM Sun-Hee

9)CHANG Sunhwa

(57) Abstract :

The present invention provides a new group of protein kinase inhibitors pyrido[4 3 -d]pyrimidin-5-one derivatives and pharmaceutically acceptable salts thereof that are useful for treating cell proliferative disease and disorder such as cancer autoimmune diseases infection cardiovascular disease and neurodegenerative disease and disorder. The present invention provides methods for synthesizing and administering the protein kinase inhibitor compounds. The present invention also provides pharmaceutical formulations comprising at least one of the protein kinase inhibitor compounds together with a pharmaceutically acceptable carrier diluent or excipient therefor. The invention also provides useful intermediates generated during the syntheses of the pyrido[4 3 -d]pyrimidin-5-one derivatives.

No. of Pages : 164 No. of Claims : 72

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4017/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD AND SYSTEM FOR COORDINATED SCHEDULING BASED ON CELL PRIORITY

(51) International classification :H04W72/12
(31) Priority Document No :200910254334.0
(32) Priority Date :11/12/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/079657
Filing Date :10/12/2010
(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)Kaibo TIAN
2)Nan ZHAO
3)Aihua PENG
4)Jing JIANG
5)Dong ZHOU

(57) Abstract :

The present invention discloses a method and system for coordinated scheduling based on cell priority which is applied to the system using coordinated multiple point (CoMP) transmission technology. The method includes: performing priority sequencing on each coordinated cell according to the historical and/or current information of each coordinated cell and finishing scheduling of each coordinated cell in an order according to priority from high to low. By adopting the coordinated scheduling scheme in the present invention the network can be made in a reasonable working status and then the performance of the entire system can be improved.

No. of Pages : 24 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4018/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD FOR DETECTING DEGRADED SIGNAL DEFECT

(51) International classification :H04L12/26
(31) Priority Document No :200910110069.9
(32) Priority Date :10/11/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/073355
Filing Date :28/05/2010
(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

(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)Yuxia MA
2)Zehua XU

(57) Abstract :

A method for detecting degraded signal defects is disclosed in the present invention. The method includes: each node on the server layer that the packet transport network (PTN) trail passes detecting degraded signal defects; said each node respectively sending a detection result in the downstream; the last node judging, according to the detection results of the upstream nodes, whether a degraded signal defect occurs or not. With the method provided in the present invention for detecting the degraded signal defects, the sum of the degraded signal defects that occur in the passed regions of the server layer can simulate the signal degradation in the PTN. Therefore, even though there are no data messages carried in the PTN, the degraded signal defect detection can be performed as long as the data messages are carried by the server layer of the PTN, thus the state of the signal degradation is stable and the protection group does not need to switch repeatedly, which decreases the customer data packet loss caused by each switching.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4019/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD AND SYSTEM FOR CLOUD COMPUTING SERVICES FOR USE WITH CLIENT DEVICES HAVING MEMORY CARDS

(51) International classification	:G06F15/16
(31) Priority Document No	:61/262,520
(32) Priority Date	:18/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/057043
Filing Date	:17/11/2010
(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)ICELERO LLC

Address of Applicant :1190 Saratoga Ave. Suite 240 San Jose CA 95129 United States of America

(72)Name of Inventor :

1)ZARKESH Amir Masoud

(57) Abstract :

A system method and computer program product for cloud computing including a cloud server including a cloud link module or program and coupled to a communications network; a client device including a device link module or program and coupled to the cloud server via the communications network; and a memory card including a card link module or program and coupled to the client device. The cloud link client link and card link modules or programs are configured to allocate processing of content between the cloud server client device and memory card such that communications bandwidth usage between the cloud server and the client device are minimized during content delivery.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3916/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : PRIMARY LIGHT CONVERTER FOR CONVERTING PRIMARY LIGHT INTO SECONDARY LIGHT

(51) International classification	:F21V14/00
(31) Priority Document No	:09176503.2
(32) Priority Date	:19/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/055078
Filing Date	:09/11/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)VAN BOMMEL Ties
2)HIKMET Rifat Ata Mustafa
3)NI Yongfeng

(57) Abstract :

The invention relates to a primary light converter (1) for converting primary light (3) into secondary light (4). An electrical light conversion unit (2) converts at least a part of the primary light (3) into the secondary light (4), and an energy converter (5) converts at least a part of the primary light (3) into electrical energy, wherein the electrical light conversion unit (2) is adapted to be driven by the electrical energy from the energy converter (5). The invention relates further to a lighting apparatus comprising one or several of the primary light converters. It is not necessary to electrically connect the one or several primary light converters via a wire to an external power supply. This reduces the space required for the primary light converter and the lighting apparatus and increases the variability of possible arrangements of the one or several primary light converters and lighting systems comprising such primary light converters.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3917/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DETECTING DIMMER PHASE ANGLE AND SELECTIVELY DETERMINING UNIVERSAL INPUT VOLTAGE FOR SOLID STATE LIGHTING FIXTURES

(51) International classification	:H05B39/04
(31) Priority Document No	:61/262770
(32) Priority Date	:19/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/051594
Filing Date	:13/04/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)LYS Ihor
2)CAMPBELL Gregory
3)DATTA Michael

(57) Abstract :

A device for detecting a dimmer phase angle set by operation of a dimmer for a solid state lighting load includes a processor having a digital input a first diode connected between the digital input and a voltage source and a second diode connected between the digital input and ground. The device further includes a first capacitor connected between the digital input and a detection node a second capacitor connected between the detection node and ground and a resistance connected between the detection node and a rectified voltage node which receives a rectified voltage from the dimmer. The processor is configured to sample digital pulses at the digital input based on the rectified voltage and to identify the dimmer phase angle based on lengths of the sampled digital pulses.

No. of Pages : 61 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3918/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : TOMOSYNTHESIS MAMMOGRAPHY SYSTEM WITH ENLARGED FIELD OF VIEW

(51) International classification	:A61B6/00
(31) Priority Document No	:09176611.3
(32) Priority Date	:20/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/055213
Filing Date	:17/11/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)MAACK Hanns Ingo

(57) Abstract :

A tomosynthesis system for acquiring a three-dimensional image of an object such as a mammography image of a female breast is proposed. The tomosynthesis system (1) comprises an X-ray source (3), an X-ray detector (7), a support arrangement (15) and a moving mechanism (11). The X-ray source (3) and the X-ray detector (7) are adapted for acquiring a plurality of X-ray images while irradiating the object (17) with an X-ray beam (21) from a plurality of tomographic angles α . The moving mechanism (11) is adapted to pivot the X-ray detector (7) in positions such that for each tomographic angle α a detection surface (25) of the X-ray detector (7) is oriented to be substantially perpendicular to the X-ray beam (21). The moving mechanism (11) is adapted to move the X-ray detector (7) in positions such that a distance between the X-ray source (3) and the detector (7) is increased with increasing tomographic angle α thereby enabling that the X-ray detector (7) remains within an enlarged housing (5) during an entire tomographic image acquisition procedure.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4063/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : IDLE ACCESS TERMINAL-ASSISTED TIME AND/OR FREQUENCY TRACKING IN AN ACCESS POINT

(51) International classification :H04W56/00

(31) Priority Document No :61/262,091

(32) Priority Date :17/11/2009

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

(86) International Application No :PCT/US2010/057110

Filing Date :17/11/2010

(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)QUALCOMM Incorporated

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714 USA.

(72)Name of Inventor :

1)PATEL Chirag Sureshbhai

2)YAVUZ Mehmet

3)MAKH Vansh Pal Singh

4)BLESSENT Luca

(57) Abstract :

An access point (e.g. a femto cell) that is connected in an active call with an access terminal may cooperate with that access terminal or another access terminal to derive timing information from one or more neighboring access points (e.g. macro access points). In addition an access point may cooperate with an idle access terminal to derive timing information from one or more neighboring access points. For example an access terminal may determine the difference between pilot transmission timing or frame transmission timing of a femto cell and a macro cell and report this timing difference to the femto cell. Based on this timing difference the femto cell may adjust the timing and/or frequency of its transmissions so that these transmissions are synchronized in time and/or frequency as per network operation requirements.

No. of Pages : 88 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3966/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : THERMAL INKJET PRINTHEAD WITH HEATING ELEMENT IN RECESSED SUBSTRATE CAVITY

(51) International classification :B41J2/05

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2009/062195

Filing Date :27/10/2009

(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

(71)Name of Applicant :

**1)HEWLETT-PACKARD DEVELOPMENT COMPANY
L.P.**

Address of Applicant :11445 Compaq Center Drive W.
Houston Texas U.S.A.

(72)Name of Inventor :

1)PETER MARDILOVICH

2)LAWRENCE H. WHITE

(57) Abstract :

An inkjet printhead includes a substrate having a recessed cavity formed therein. The cavity has a continuous sidewall around the perimeter of the cavity. The printhead includes a heating element formed onto the sidewall of the cavity.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3967/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : DISPLAY WITH COLOR ROWS AND ENERGY SAVING ROW DRIVING SEQUENCE

(51) International classification :G09G3/34
(31) Priority Document No :12/617,582
(32) Priority Date :12/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/055882
Filing Date :08/11/2010
(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)QUALCOMM MEMS Technologies Inc.
Address of Applicant :5775 Morehouse Drive San Diego CA
92121 USA.
(72)Name of Inventor :
1)MIGNARD Marc Maurice
2)SEO Jae Hyeong
3)MULABAGAL Pavankumar

(57) Abstract :

A method of writing a display image to a display having an array of pixels according to a selected driving sequence. One driving sequence includes addressing each color row in a line of the array in a sequence before addressing a second line. Another driving sequence includes addressing a first color row of each line in the array before addressing a second color row of each line in the array.

No. of Pages : 47 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3968/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : PER-CELL TIMING AND/OR FREQUENCY ACQUISITION AND THEIR USE ON CHANNEL ESTIMATION IN WIRELESS NETWORKS

(51) International classification :H04W56/00
(31) Priority Document No :61/262,911
(32) Priority Date :19/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/057513
Filing Date :19/11/2010
(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)QUALCOMM Incorporated
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714 USA.
(72)**Name of Inventor :**
1)YOO Taesang
2)LUO Tao
3)ZHANG Xiaoxia
4)LIU Ke

(57) Abstract :

A method an apparatus and a computer program product for wireless communication are provided in which a system timing is estimated derived from timing of one or more cells a timing offset is determined for a plurality of cells relative to the estimated system timing and signals received form the plurality of cells are processed using the timing offsets. In addition a method an apparatus and a computer program product for wireless communication are provided in which a carrier frequency is estimated derived from a frequency of one or more cells a frequency offset is determined for a plurality of cells relative to the estimated system timing and signals received form the plurality of cells are processed using the frequency offsets.

No. of Pages : 40 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3969/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYSTEM AND METHOD FOR SINGLE FREQUENCY DUAL CELL HIGH SPEED DOWNLINK PACKET ACCESS

(51) International classification	:H04L1/00
(31) Priority Document No	:61/259,510
(32) Priority Date	:09/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/056080
Filing Date	:09/11/2010
(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)QUALCOMM Incorporated
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714 USA.
(72)**Name of Inventor :**
1)BLANZ Josef J.
2)SAMBHWANI Sharad Deepak

(57) Abstract :

A system and method provide single frequency dual cell high-speed downlink packet access to a UMTS telecommunications system. A first downlink channel is provided from a first sector and a second downlink channel is provided from a second sector wherein the first downlink channel and the second downlink channel are in substantially the same carrier frequency. Feedback information such as a CQI and/or a PCI is provided on an uplink channel to facilitate adaptation of the respective downlink channels. Here the uplink carrier may be in the same or a different carrier frequency than that of the downlink channels.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4100/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : WIRELESS IDENTIFICATION OF A COMPONENT OF A PRESSURE SUPPORT SYSTEM

(51) International classification :A61M16/06

(31) Priority Document No :61/260033

(32) Priority Date :11/11/2009

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

(86) International Application No :PCT/IB2010/054684

Filing Date :15/10/2010

(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

1)SHELLY Benjamin Irwin

2)SMITH David W.

(57) Abstract :

An airway pressure support system that includes a pressure generating device structured to produce a flow of gas and a component such as a patient interface device structured to be selectively coupled to the pressure generating device wherein the pressure generating device and the component are structured to enable the component to be to wirelessly identified by the pressure generating device only when the component is coupled to the pressure generating device. Also a method of identifying a component in an airway pressure support system that includes steps of coupling the component to a pressure generating device of the airway pressure support system and enabling the component to be to wirelessly identified by the pressure generating device only when the component is coupled to the pressure generating device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3952/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : EMBEDDED GRAPHICS CODING: REORDERED BITSTREAM FOR PARALLEL DECODING

(51) International classification :H04N7/26
(31) Priority Document No :61/266,400
(32) Priority Date :03/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/057648
Filing Date :22/11/2010
(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)SONY CORPORATION
Address of Applicant :1-7-1 Konan Minato-ku Tokyo Tokyo
108-0075 Japan
(72)Name of Inventor :
1)LIU Wei
2)GHARAVI-ALKHANSARI Mohammad

(57) Abstract :

Reordering of a bitstream is able to be used to speed up the decoding in embedded graphics coding. In the reordering the signaling bits of all of the groups are sent and then the refinement bits of each group follow. With this reordering the decoder can decode the header identify the number of refinement bits for each group and locate the starting point of each group within the bitstream therefore parallel processing of each group is able to be implemented at the decoder side.

No. of Pages : 26 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3953/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYSTEM AND METHOD FOR SIGNALING CONFIGURATION OF SOUNDING REFERENCE SIGNALS

(51) International classification :H04W72/04
(31) Priority Document No :201010155563.X
(32) Priority Date :31/03/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/077164
Filing Date :20/09/2010
(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 District Shenzhen City Guangdong Province 518057 P.R. China.

(72)Name of Inventor :

1)WANG Yuxin

2)DAI Bo

3)HAO Peng

4)LIANG Chunli

5)YU Bin

6)ZHU Peng

7)YANG Weiwei

(57) Abstract :

The present invention discloses a method for a signaling configuration of a sounding reference signal. The method includes: a base station notifying a user equipment to aperiodically send the sounding reference signal and sending configuration information of aperiodically sending the sounding reference signal (SRS) down to the user equipment. The present invention also discloses a base station for a signaling configuration of a sounding reference signal and a user equipment for a signaling configuration of a sounding reference signal. The present invention can realize that the user equipment aperiodically sends the SRS which improves the utilization ratio of SRS resources and increases the flexibility of resource scheduling.

No. of Pages : 55 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3954/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD FOR TRANSMITTING PHYSICAL DOWNLINK CONTROL CHANNEL (PDCCH) INFORMATION METHOD FOR DETERMINING PDCCH SEARCH SPACE AND DEVICES THEREOF

(51) International classification	:H04W72/04
(31) Priority Document No	:200910093533.8
(32) Priority Date	:12/10/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/001598
Filing Date	:12/10/2010
(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)CHINA MOBILE COMMUNICATIONS CORPORATION
Address of Applicant :29 Jinrong Ave. Xicheng District
Beijing 100032 China
(72)**Name of Inventor :**
1)WANG Jun
2)XU Xiaodong

(57) Abstract :

A method for transmitting Physical Downlink Control Channel (PDCCH) information, a method for determining PDCCH search space and devices thereof are disclosed in the present embodiments. The method for determining PDCCH search space includes the following step: Node B (NB) determines the different search spaces corresponding to different PDCCHs according to Carrier Indicator (CI) information. By applying the technical solution provided in the embodiments of the present invention, the CI information is introduced in the search space determining process, so that different search spaces can be allocated to the cross-carrier PDCCHs of one User Equipment (UE) and the NB and UE are able to exactly determine the search spaces of PDCCHs in each downlink carrier, therefore reducing the blocking probability during PDCCH scheduling process and improving the reliability of PDCCH transmission.

No. of Pages : 41 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3955/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : MACRONUTRIENT SENSITIVITY □

(51) International classification	:C12Q1/68
(31) Priority Document No	:2009905061
(32) Priority Date	:16/10/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001384
Filing Date	:18/10/2010
(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)GENETICS INVESTMENTS PTY. LTD.

Address of Applicant :EGALevel 18499 St Kilda Road
Melbourne Victoria 3004 Australia.

(72)Name of Inventor :

1)SMITH Graeme John

2)ARGYROU Nick

3)ARGYROU Helen

4)BANA HARIS Harry

(57) Abstract :

The present invention relates to a method and a kit for identifying a subjects macronutrient sensitivity. The method involves assaying a genetic sample from the subject to determine a polymorphism profile analysing the polymorphism profile to identify risk alleles and determining the macronutrient sensitivity based on the number of risk alleles present. This information can be used for determining an appropriate diet to induce satiety formulating a diet for inducing satiety or for treating a range of medical complaints associated with metabolism.

No. of Pages : 36 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4106/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : MILK EMULSIFYING CONTAINER FOR A COFFEE MACHINE AND MACHINE COMPRISING SAID CONTAINER

(51) International classification	:A47J31/44
(31) Priority Document No	:FI2009A000249
(32) Priority Date	:25/11/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/055107
Filing Date	:10/11/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)TONELLI Stefano
2)CASTELLI Cristiano

(57) Abstract :

The container (9) comprising an emulsifying device (17) having a milk suction pipe (37) a nozzle (19) for supplying hot or emulsified milk with a discharge end outside the container a steam inlet (33) and an air inlet (40). The container is thermally insulated so as to better preserve the milk.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4095/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : REFORMABLE ENDOSCOPIC SURGICAL INSTRUMENTS□

(51) International classification	:A61B17/02
(31) Priority Document No	:0917559.7
(32) Priority Date	:08/10/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/051680
Filing Date	:07/10/2010
(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)SURGICAL INNOVATIONS LIMITED
Address of Applicant :Clayton Wood House 6 Clayton Wood Bank Leeds Yorkshire LS16 6QZ Great Britain U.K.
(72)**Name of Inventor :**
1)MAIN David
2)WHITE Michael

(57) Abstract :

A surgical instrument includes an elongate portion arranged in use to be inserted through a restricted opening into a body the elongate portion being movable from a first configuration to a second different configuration in which second configuration two parts of the instrument that are spaced from each other in the first configuration at least partially cross each other in second configuration. In particular the instrument comprises a segmented rod (7) which is initially straight. Segments (3 32 35 36 38 40 42) may be moved such that there is a crossover at two locations.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4096/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : INTEGRATED ENHANCED OIL RECOVERY PROCESS□

(51) International classification	:C01B3/38
(31) Priority Document No	:61/287,570
(32) Priority Date	:17/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/060725
Filing Date	:16/12/2010
(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)GREATPOINT ENERGY INC.
Address of Applicant :222 Third Street Suite 2163
Cambridge Massachusetts 02142 United States of America
(72)**Name of Inventor :**
1)WALLACE PAUL

(57) Abstract :

The present invention relates to an enhanced oil recovery process that is integrated with a synthesis gas generation process such as gasification or reforming involving capture and recycle of a sour carbon dioxide stream for EOR use.

No. of Pages : 41 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4097/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : ANTI-TRYPANOSOME THERAPEUTIC AND DIAGNOSTIC APPLICATIONS□

(51) International classification :C07K14/44

(31) Priority Document No :0958035

(32) Priority Date :13/11/2009

(33) Name of priority country :France

(86) International Application No :PCT/EP2010/067208

Filing Date :10/11/2010

(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)UNIVERSITE BORDEAUX SEGALEN

Address of Applicant :146 rue Lo Saignat F-33076 Bordeaux
France

**2)CENTRE NATIONAL DE LA RECHERCHE
SCIENTIFIQUE**

(72)Name of Inventor :

1)COUSTOU LINARES Virginie

2)BALTZ Theo

3)THONNUS Magali

(57) Abstract :

The present invention relates to the identification of the nucleotide and peptide sequences of a novel HDL transporter located in the flagellar pocket of African trypanosome parasites and to the use thereof for anti-trypanosome therapeutic diagnostic and vaccine-related applications in humans and animals.

No. of Pages : 33 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4098/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR PROVIDING A COMBINATION OF MEDIA DATA AND METADATA

(51) International classification	:H04N7/26
(31) Priority Document No	:09175006.7
(32) Priority Date	:04/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/054928
Filing Date	:01/11/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)Name of Inventor :
1)KIRENKO Ihor Olehovych
2)BODLAENDER Maarten Peter

(57) Abstract :

A method of providing a combination of video data (37) and metadata (34) includes obtaining a sequence (23) of images captured by a video camera (5). At least one signal (24) is extracted from the sequence (23) of images, wherein each extracted signal (24) characterizes local temporal variations in at least one of light intensity and color and carries information corresponding to at least one biometrical signal of a living subject. At least one video compression technique is applied on image data of images from the sequence (23) to obtain compressed video data (37). The extracted signals (24) are extracted from images in a state prior to the application of the at least one compression technique to image data from those images. The compressed video data (37) is provided with metadata (34) for characterizing at least one biological process in a living subject represented in at least part of the images, which process causes local temporal variations in at least one of color and intensity of light captured from the subject. The metadata (34) is at least based on at least one of the extracted signals (24).

No. of Pages : 26 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4099/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : FLOW SENSING METHOD WITH TEMPERATURE COMPENSATION

(51) International classification :G01F15/02

(31) Priority Document No :09306068.9

(32) Priority Date :09/11/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/054682

Filing Date :15/10/2010

(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

1)DELACHE Alain-Jean

2)KIMMEL Steven Adam

(57) Abstract :

A method for calibrating a temperature compensation coefficient for a device (12) that utilizes flow. The device includes a flow path (16) and a flow restriction portion (14) in the flow path to create a pressure differential in the flow path. The method includes calculating a temperature compensation coefficient and obtaining a first temperature and a first differential pressure reading at a first time period before flow is generated through the device, and obtaining a second temperature and a second differential pressure reading at a second time period after flow is generated through the device. The method further includes obtaining a compensated differential pressure value based on the temperature compensation coefficient, the measured first temperature, the first differential pressure reading, the measured second temperature, and the second differential pressure reading. The method also includes obtaining the flow within the flow path as a function of the compensated differential pressure value.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3970/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : WATERPROOF MACHINE CABINET

(51) International classification	:H05K5/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CN2011/073993
Filing Date	:12/05/2011
(87) 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 Technologies Co. Ltd.
Address of Applicant :Huawei Administration Building
Bantian Longgang District Shenzhen Guangdong 518129 P.R.
China.
(72)**Name of Inventor :**
1)LONG Jinsong
2)REN Jianguang
3)ZHANG Dongdong

(57) Abstract :

A waterproof cabinet including a cabinet body and a door plate is provided, A first metal section is disposed on the periphery of the door plate. A second metal section protrudes from a side of the first metal section, facing to the cabinet body. The second metal section is disposed with a waterproof device that contacts the first metal section and urges against the first metal section. The waterproof device is configured to contact the cabinet body and fit with the cabinet body when the door plate fits with the cabinet body and when the door plate and the cabinet body close up. The waterproof device and the door plate have a connecting surface and a contact surface, so the reliability of waterproofing is increased, thereby ensuring normal operation of components inside the cabinet.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3971/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : COMMUNICATION APPARATUS COMMUNICATION METHOD COMPUTER PROGRAM AND COMMUNICATION SYSTEM□

(51) International classification	:H04J99/00
(31) Priority Document No	:2009-259536
(32) Priority Date	:13/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/006438
Filing Date	:01/11/2010
(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)SONY CORPORATION
Address of Applicant :1-7-1 Konan Minato-ku Tokyo 108-0075 Japan
(72)**Name of Inventor :**
1)RYOTA KIMURA
2)YUICHI MORIOKA

(57) Abstract :

A communication apparatus to transmit a plurality of frames in a network, where each frame includes one or more symbols having a symbol length, includes a data processing unit. The data processing unit acquires an inter-frame space between two consecutive frames from the plurality of frames. The data processing unit further adjusts the inter-frame space between the two consecutive frames upon determination that the inter-frame space is not an integral multiple of the symbol length. The communication apparatus also includes a transmitter unit to transmit the adjusted consecutive frames.

No. of Pages : 67 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3973/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : HOME AGENT PROXIED MIPV6 ROUTE OPTIMIZATION MODE

(51) International classification :H04W12/04

(31) Priority Document No :61/262,085

(32) Priority Date :17/11/2009

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

(86) International Application No :PCT/US2010/057105

Filing Date :17/11/2010

(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)QUALCOMM Incorporated

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714 USA.

(72)Name of Inventor :

1)HADDAD Wassim Michel

2)TSIRTISIS Georgios

3)GIARETTA Gerardo

(57) Abstract :

A method apparatus processor and computer program product for wireless communication including employing a communication interface to obtain a binding update message from a mobile node (MN). A data process is employed to analyze the binding update message for a network address of a corresponding node (CN). A communication interface is employed to initiate a long-life secure association between the CN and a network agent serving the MN if the binding update message contains the network address of the CN wherein the long-life secure association enables the MN and CN to participate in a route optimized (RO) mobile communication session. The method may include employing a data processor to generate a binding cache entry for the network entity or a network component serving the network entity wherein the binding cache entry includes a security key that facilitates a route optimized communication session with the network entity or the network component.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4112/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : INCREASING CAPACITY IN WIRELESS COMMUNICATIONS

(51) International classification :H04W28/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CN2009/075179

Filing Date :27/11/2009

(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)QUALCOMM Incorporated

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714 USA.
U.K.

(72)Name of Inventor :

1)XUE Yisheng

2)FAN Michael M.

3)LIANG Jiye

(57) Abstract :

Techniques to increase the capacity of a W-CDMA wireless communications system. In an exemplary embodiment early termination (400) of one or more transport channels on a W-CDMA wireless communications link is provided. In particular early decoding (421 423) is performed on slots as they are received over the air and techniques are described for signaling (431 432) acknowledgment messages (ACKs) for one or more transport channels correctly decoded to terminate the transmission of those transport channels. The techniques may be applied to the transmission of voice signals using the adaptive multi-rate (AMR) codec. Further exemplary embodiments describe aspects to reduce the transmission power and rate of power control commands sent over the air as well as aspects for applying tail-biting convolutional codes (1015) in the system.

No. of Pages : 61 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4101/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : STORAGE DEVICE FOR A VENTILATION MASK

(51) International classification :A61M16/06
(31) Priority Document No :61/260103
(32) Priority Date :11/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/054843
Filing Date :26/10/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)Name of Inventor :
1)ARCILLA Mabini
2)KIMM Gardner

(57) Abstract :

A ventilation mask storage device (300 400 500) includes a first (310 410 510) and second body members (320 420 520); a hinge (330 430 530) connecting the first and second body members so the first and second body members can be brought together to define an enclosed space (305 405 505) for receiving a ventilation mask (10); a clasp (340 440 540) connected to the first and second body members to hold the first and second body members together when the clasp is engaged; an aperture (300 400 500) in at least one of the first and second body members to permit a circuit (15) to be connected to the ventilation mask when it is disposed within the enclosed space; and a connector (360 460 560) provided with at least one of the first and second body members to attach the device to a ventilator or ventilator cart.

No. of Pages : 24 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4102/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : QUICK RE-CONNECT DIVERSITY RADIO SYSTEM

(51) International classification	:H04B7/12
(31) Priority Document No	:61/260865
(32) Priority Date	:13/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/054658
Filing Date	:14/10/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)HARRIS Otis Robert III
2)HARWELL Robert

(57) Abstract :

An RF shielded room (14) which houses a magnetic resonance scanner (12) also houses a patient monitor (20) which includes a plurality of sensors (18) which collect physiological data about a patient undergoing a magnetic resonance examination. The monitor includes a transmitter (46) which transmits the physiological data on at least two frequency channels of a broadband frequency spectrum. A communication unit (26) located outside the RF shielded room includes first and second receivers (54 58) which receive the physiological data from the monitor on the first and second frequency channels respectively. A processor (62) combines physiological data received by the first and second receivers to. A display (32) displays the combined physiological data. A switch (56) switches antenna connections of the receivers (54 58) responsive to detection of multipath fade.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4103/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : MECHANICALLY DRIVEN RESONANT DRIVE POWER TOOTHBRUSH

(51) International classification	:A61C17/34
(31) Priority Document No	:61/261402
(32) Priority Date	:16/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/054693
Filing Date	:15/10/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)KLOSTER Tyler G.

(57) Abstract :

The power toothbrush includes a handle (12) and a workpiece assembly (18) which includes a brushhead (20) at a forward end thereof. The toothbrush further includes a drive assembly (14) which includes a DC motor (26) having a rotating output shaft (41) and a mounting assembly (28) for flexibly mounting the motor to the handle. The drive assembly includes a torsion spring member (64), an eccentric member (52), a coupling member (44) for connecting the rotating output shaft of the motor to the rear end of the eccentric and a hub member (62) forward of the eccentric, wherein the other end of the eccentric extends to and is mounted to the hub member. The torsion spring extends between the motor mount and the hub member. In operation, the rotating eccentric excites a desired resonant mode in the torsion spring, resulting in a sweeping back and forth action of the workpiece assembly and the brushhead.

No. of Pages : 11 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4104/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : PATIENT INTERFACE DEVICE WITH SINGLE-SIDED NASAL COMPONENT

(51) International classification :A61M16/06

(31) Priority Document No :61/263428

(32) Priority Date :23/11/2009

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

(86) International Application No :PCT/IB2010/054688

Filing Date :15/10/2010

(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

1)COLBAUGH Michael Edward

(57) Abstract :

A patient interface device includes a coupling structured to receive and distribute a flow of breathing gas and a nasal component extending outwardly from the coupling. The nasal component includes a single sealing element structured to engage and seal only one of the two nostrils of a nose of a patient. A method of fitting the patient interface device includes receiving the aforementioned patient interface device and engaging and sealing a single nostril of the patientTMs nose with the single sealing element.

No. of Pages : 25 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3869/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : RESTRICTING ACCESS POINT TRANSMISSIONS

(51) International classification :H04W52/32

(31) Priority Document No :61/259,010

(32) Priority Date :06/11/2009

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

(86) International Application No :PCT/US2010/055738

Filing Date :05/11/2010

(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)QUALCOMM Incorporated

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714 USA.

(72)Name of Inventor :

1)YAVUZ Mehmet

2)GROKOP Leonard Henry

3)PATEL Chirag Sureshbhai

4)NANDA Sanjiv

(57) Abstract :

Transmissions by a first access point (e.g. a femto cell) are restricted upon detecting an access terminal in the vicinity of the first access point in the event the access terminal is communicating with a second access point (e.g. a macro cell). Upon detection of such an access terminal the access terminal restricts transmission (e.g. beacon transmission) on a downlink carrier frequency on which the access terminal is actively receiving information from the second access point. This restriction of transmission by the access point may involve for example temporarily reducing transmit power reducing the periodicity of transmission or ceasing transmission.

No. of Pages : 73 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3870/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : MAINTAINING DATA INTEGRITY ACROSS EXECUTION ENVIRONMENTS

(51) International classification :G06F11/08
(31) Priority Document No :61/252,162
(32) Priority Date :16/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/NZ2010/000200
Filing Date :08/10/2010
(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)CORE TECHNOLOGY LIMITED
Address of Applicant :Level 1 NZX Centre 11 Cable Street
Wellington 6011 New Zealand
(72)**Name of Inventor :**
1)Shane Andrew MERCER
2)Lindsay Ian SMITH
3)John Mathew MARTIN

(57) Abstract :

Current computing solutions often involve the sharing of data across multiple computer implemented processes. To ensure data integrity throughout the execution environment an executing process can make a request for data from a Data Provider. In response to the request the Data Provider can bundle the data and one or more Validation Objects in a Data Object. The Data Object can be passed between executing processes and at any point in the execution an executing process can verify the integrity of the data by making a request to the Data Object. To facilitate the passing of Data Objects throughout a heterogeneous execution environment a Data Object can create a representation of itself specific to the target system. The Data Objects are advantageous in that all of the necessary validation checks are centralized thus decreasing maintenance costs and the possibility of error.

No. of Pages : 41 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3871/CHENP/2012 A

(43) Publication Date : 30/08/2013

(54) Title of the invention : ENGINE STOP DETERMINATION DEVICE AND ENGINE STOP DETERMINATION METHOD

(51) International classification :F02D17/00
(31) Priority Document No :2009-253871
(32) Priority Date :05/11/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/067964
Filing Date :13/10/2010
(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)AISIN SEIKI KABUSHIKI KAISHA
Address of Applicant :1 Asahi-machi 2-chome Kariya-shi
Aichi-ken 448-8650 Japan
2)TOYOTA JIDOSHA KABUSHIKI KAISHA
(72)Name of Inventor :
1)Naoto YUMISASHI
2)Masazumi YOSHIDA
3)Shigeki KINOMURA

(57) Abstract :

A cooling system for an engine in the present invention includes a first coolant route for circulating coolant between a water jacket of an engine main body and a heater core a second coolant route for circulating the coolant between a waste heat recovery unit and the heater core a first water-temperature sensor provided on the first coolant route and a second water-temperature sensor provided on the second coolant route. An engine control unit makes an engine stop determination based on the coolant temperatures detected by the first water-temperature sensor and the second water-temperature sensor and in making the engine stop determination selectively uses the coolant temperatures detected by the first water-temperature sensor and the second water-temperature sensor in dependence on whether a heater unit including the heater core is in an operation state or in an out-of-operation state.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4138/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : COPPER CONTAINING LEVYNE MOLECULAR SIEVE FOR SELECTIVE REDUCTION OF NOX

(51) International classification :B01J29/76
(31) Priority Document No :61/251,350
(32) Priority Date :14/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/065150
Filing Date :11/10/2010
(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)BASF SE

Address of Applicant :67056 Ludwigshafen Germany

2)BASF Catalysts LLC

(72)Name of Inventor :

1)BULL Ivor

2)MLLER Ulrich

3)YILMAZ Bilge

(57) Abstract :

The present invention relates to a copper containing Levyne molecular sieve having a silica to alumina mole ratio less than 30 and a Cu:Al atomic ratio less than 0.45 wherein the Levyne molecular sieve retains at least 60 % of its surface area after exposure to a temperature of from about 750°C to about 950°C in the presence of up to 10 volume percent water vapor for a time ranging from about 1 to about 48 hours.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4139/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD AND MARKER FOR DETERMINATION OF DEGREE OF RISK OF ONSET OF HIGH-FUNCTIONING AUTISM

(51) International classification :G01N33/92
(31) Priority Document No :2009-236976
(32) Priority Date :14/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/006114
Filing Date :14/10/2010
(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)National University Corporation Hamamatsu University School of Medicine
Address of Applicant :20-1 Handayama 1-chome Higashi-ku Hamamatsu-shi Shizuoka-431-3912 Japan
(72)**Name of Inventor :**
1)MORI Norio
2)NAKAMURA Kazuhiko
3)SUZUKI Katsuaki
4)TSUCHIYA Kenji
5)IWATA Keiko
6)MATSUZAKI Hideo

(57) Abstract :

It is an object of the present invention to provide an objective and simple method for determining the degree of risk of onset of autism, using a biological marker, and to enable to provide an appropriate treatment to the autistic patient at an early stage by finding an autistic patient at an early stage using the aforementioned method. The present invention relates to a method for determining the degree of risk of onset of autism, comprising the step of measuring the triglyceride concentration or the cholesterol concentration in a very low-density lipoprotein fraction of plasma or serum isolated from a subject, or the triglyceride concentration or the cholesterol concentration of plasma or serum. In addition, the present invention provides a kit for determining the degree of risk of onset of autism and a method for screening for a candidate substance for agents for treating autism using a non-human mammal, in which the above described method is utilized.

No. of Pages : 38 No. of Claims : 6

(54) Title of the invention : AN APPARATUS FOR TREATING AND/OR PREVENTING DISEASES AND FUNCTIONAL DISORDERS OF EXTERNAL GENITAL ORGANS□

(51) International classification :A61H7/00
 (31) Priority Document No :200901468
 (32) Priority Date :12/10/2009
 (33) Name of priority country :EAPO
 (86) International Application No :PCT/IB2009/055987
 Filing Date :29/12/2009
 (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)PLETNEV Sergey Vladimirovich

Address of Applicant :11 Chervyakova Str. 220000 Minsk
 Belarus

(72)Name of Inventor :

1)PLETNEV Sergey Vladimirovich

(57) Abstract :

The present invention relates to a method for treatment and/or prevention of diseases and functional disorders of external genital organs and a device for realizing the same. The method comprises exposure of an organ to periodic action of vacuum and/or mechanical oscillations and low-frequency pulsed magnetic field and is characterized in that the organ is additionally exposed to a light field and the light exposure of different wavelengths is combined. One of the embodiments of the device for realizing the method comprises a source of mechanical oscillations with a periodic controlling device, an isolated chamber adapted to accommodate a to-be-exposed organ therein, a source of a low-frequency pulsed magnetic field with an inductor generating a magnetic field in the place of location of the organ to be subjected to exposure. The second embodiment of the device comprises a source of vacuum with a periodic controlling device, an isolated chamber adapted to accommodate a to-be-exposed organ therein, a source of a low-frequency pulsed magnetic field with an inductor generating a magnetic field in the place of location of the organ to be subjected to exposure. The claimed embodiments are characterized in that they additionally comprise a light exposure source with different wavelengths and a device for synchronizing and combining the light exposure.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4151/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : RESISTIVE SWITCHING IN NITROGEN-DOPED MGO

(51) International classification :H01L27/24

(31) Priority Document No :12/636,588

(32) Priority Date :11/12/2009

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

(86) International Application No :PCT/EP2010/063883

Filing Date :21/09/2010

(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)INTERNATIONAL BUSINESS MACHINES CORPORATION

Address of Applicant :New Orchard Road Armonk New York 10504 U.S.A.

(72)Name of Inventor :

1)STUART STEPHEN PARKIN

2)MAHESH GOVIND SAMANT

3)CHENG-HAN YANG

4)XIN JIANG

(57) Abstract :

Nitrogen-doped MgO insulating layers exhibit voltage controlled resistance states e.g. a high resistance and a low resistance state. Patterned nano-devices on the 100nm scale show highly reproducible switching characteristics. The voltage levels at which such devices are switched between the two resistance levels can be systematically lowered by increasing the nitrogen concentration. Similarly the resistance of the high resistance state can be varied by varying the nitrogen concentration and decreases by orders of magnitude by varying the nitrogen concentrations by a few percent. On the other hand the resistance of the low resistance state is nearly insensitive to the nitrogen doping level. The resistance of single Mg₅₀O_{50-x}N_x layer devices can be varied over a wide range by limiting the current that can be passed during the SET process. Associated data storage devices can be constructed.

No. of Pages : 36 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4152/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD FOR RELIABLY SOLDERING MICROWAVE DIELECTRIC CERAMICS WITH METAL

(51) International classification :B23K1/012
(31) Priority Document No :201110040636.5
(32) Priority Date :18/02/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/071981
Filing Date :20/03/2011
(87) 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)CHENGDU TIGER MICROWAVE TECHNOLOGY CO. LTD
Address of Applicant :No.18 Xinwen Road Hi-Tech Zone
Chengdu Sichuan 611731 China
(72)**Name of Inventor :**
1)WU Chuanzhi

(57) Abstract :

The present invention discloses a method for reliably soldering microwave dielectric ceramics with metal, which comprises the following steps of: (1) coating lead-free solder paste (10) on a silver-plated end face of microwave dielectric ceramics (5) and fixing the microwave dielectric ceramics on a metal base (6), then placing the microwave dielectric ceramics and the metal base between an upper positioning plate (1) and a lower positioning plate (2) to form a component to be soldered; (2) putting the component to be soldered in a container filled with perfluoropolyether liquid; (3) heating the perfluoropolyether liquid until perfluoropolyether vapor (11) is formed; (4) preserving heat for 0.5 to 2 minutes during which the lead-free solder paste (10) is molten to form a soldering side; and (5) cooling. In the method adopting the way of vapor soldering, a strict process of heating up, then soldering under heat preservation and finally cooling is implemented, thus thermal stress generated during the soldering of dielectric ceramics and metal material is reduced, reliability of a solder structure is ensured, porosity of the soldering side is effectively lowered, soldering quality is improved, soldering cost is reduced, and the demand of large-scale production can be met.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4143/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : STABILIZED FORMULATIONS OF FATTY ACIDS

(51) International classification	:A01N37/00
(31) Priority Document No	:61/259,943
(32) Priority Date	:10/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/056257
Filing Date	:10/11/2010
(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)MyCell Holdings Limited

Address of Applicant :140 E. Ridgewood Avenue Suite 125
Paramus New Jersey-07652 U.S.A.

(72)Name of Inventor :

1)BERL Volker

(57) Abstract :

Disclosed herein are stabilized powder and aqueous formulations comprising a substantially water insoluble lipophilic bioactive compound and a micelle-forming surfactant. In one embodiment the formulation further comprises a water soluble reducing agent and/or a water insoluble reducing agent and/or a metal chelator and/or a metal bisulfite reducing agent or combinations thereof wherein the formulation remains substantially clear and stable when stored at or below room temperature for a period of at least 6 months or at least 12 months; and methods for preparing these formulations.

No. of Pages : 87 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4144/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : PROCESS FOR TERTIARY MINERAL OIL PRODUCTION USING SURFACTANT MIXTURES

(51) International classification :C09K8/584
(31) Priority Document No :09173026.7
(32) Priority Date :14/10/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/064822
Filing Date :05/10/2010
(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)BASF SE
Address of Applicant :67056 Ludwigshafen Germany
(72)Name of Inventor :
1)BITTNER Christian
2)OETTER G¹/₄nter
3)TINSLEY Jack
4)SPINDLER Christian
5)ALVAREZ JRGENSON Gabriela
6)VOGEL Sophie

(57) Abstract :

A process for mineral oil production especially Winsor type III microemulsion flooding in which an aqueous surfactant formulation which comprises at least one nonionic surfactant having 8 to 30 ethoxy units which has a polydispersity of from 1.01 to 1.12 and at least one further surfactant is forced through injection wells into a mineral oil deposit and crude oil is removed from the deposit through production wells.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4145/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING A GLP-1 AGONIST AND METHIONINE

(51) International classification	:A61K38/26
(31) Priority Document No	:102009052832.6
(32) Priority Date	:13/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/067249
Filing Date	:11/11/2010
(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)Sanofi-Aventis Deutschland GmbH

Address of Applicant :Brüningstrasse 50 D-65929 Frankfurt am Main Germany

(72)Name of Inventor :

1)BRUNNER-SCHWARZ Anette

2)MLLER Werner

3)SIEFKE-HENZLER Verena

(57) Abstract :

The invention relates to a liquid composition comprising a GLP-1 agonist or/and pharmacologically tolerable salt thereof and optionally at least one pharmaceutically acceptable adjuvant. The liquid composition is characterised in that it contains methionine optionally as add-on therapy with metformin and/or long-acting insulins/insulin derivatives.

No. of Pages : 35 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4146/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SOLDERING METHOD GYROSCOPE AND SOLDERED PART□

(51) International classification	:B23K1/00
(31) Priority Document No	:09/05429
(32) Priority Date	:12/11/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/067221
Filing Date	:10/11/2010
(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)SAGEM DEFENSE SECURITE

Address of Applicant :Le Ponant de Paris 27 rue Leblanc F-75015 Paris France

(72)Name of Inventor :

1)VANDEBEUQUE Paul

(57) Abstract :

The invention relates to a method of soldering a conducting body to a substrate using an alloy chosen from a tin-silver alloy and a tin-silver-copper alloy, characterized in that the method comprises the following steps: - metallization of the substrate, said metallization step comprising a step (6) of depositing a tie layer on the substrate and a step (10) of depositing a diffusion barrier layer, said tie layer having any one of the chemical components chosen from chromium, titanium and a titanium alloy, said diffusion barrier layer comprising a material chosen from platinum and palladium; and - depositing a wetting layer comprising gold; -application (18) of a solder between the conducting body and the metallized substrate, said solder comprising an alloy chosen from a tin-silver alloy and a tin-silver-copper alloy.

No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4147/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : MODULAR INTRINSICALLY-SAFE FIELD DEVICE POWER MODULE□

(51) International classification	:H01M2/04
(31) Priority Document No	:61/294,541
(32) Priority Date	:13/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054229
Filing Date	:27/10/2010
(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)ROSEMOUNT INC.
Address of Applicant :12001 Technology Drive Eden Prairie
MN 55344 United States of America
(72)**Name of Inventor :**
1)MCGUIRE Chad M.

(57) Abstract :

A modular intrinsically- safe power module assembly (12) is provided. The assembly includes a rigid conduit adapter (22) configured to mount to a conduit (20) of a field device (10). A housing (66) having an interior is operably coupled to the rigid conduit adapter (22) and is physically supported by the rigid conduit adapter (22). At least one non-rechargeable battery (64 164) is disposed within the housing (66). Intrinsic safety circuitry (500) is coupled to the at least one non-rechargeable battery (64 164) and is coupled to a connector that mates with a cooperative connector (62) in the rigid conduit adapter (22).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3919/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : RENDERING A WEB PAGE COMPRISING PLUG-IN CONTENT

(51) International classification :G06F17/30

(31) Priority Document No :09176573.5

(32) Priority Date :20/11/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/055182

Filing Date :16/11/2010

(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

1)QUAEDVLIEG Christian Maria Johannes Armand

2)DE VRIES Michel

(57) Abstract :

A method and system are described of rendering a web page comprising plug-in content at one or more locations in the web page. Not all plug-in content of the web page is automatically played. Instead the user is enabled to select the plug-in content at a location for playing (130) and only the plug-in content that is selected by the user is played (140).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3921/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : PROTOCOL GUIDED IMAGING PROCEDURE

(51) International classification	:G06F19/00
(31) Priority Document No	:61/263848
(32) Priority Date	:24/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055233
Filing Date	:17/11/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)LUSZCZ Joseph M.
2)STOWERS Dawn Blythe

(57) Abstract :

The proposed method and apparatus simplifies the task of selecting diagnostic findings indicated by a medical image by constraining all the possible selections of diagnostic findings to those appropriate for the specific clinical context represented by an image being acquired or viewed. Further the proposed method and apparatus makes available the clinical context represented by an image without overt action by the person acquiring the image by utilizing the concept of a predefined exam protocol containing a set of views each describing an image to be acquired and including with each view the clinical context that is to be associated with each image acquired for that view. In other words the proposed method and system allows making available for selection only those diagnostic findings that are clinically relevant to any one of the views.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4062/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD AND APPARATUS FOR RECOVERY DURING AUTHENTICATION

(51) International classification :H04W12/06

(31) Priority Document No :12/610,028

(32) Priority Date :30/10/2009

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

(86) International Application No :PCT/FI2010/050766

Filing Date :04/10/2010

(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)NOKIA CORPORATION

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
Finland

(72)Name of Inventor :

1)Sami Puura

2)Mika Hirvikorpi

(57) Abstract :

Techniques for recovery during authentication include initiating sending a HyperText Transfer Protocol (HTTP) authentication message from user equipment of a user to a merchant node of a merchant. If the user is not authenticated in response to the HTTP authentication message, then sending a Short Message Service (SMS) message from the user equipment to the merchant node is initiated. The SMS message indicates a transaction between the user and the merchant. In some embodiments, techniques include changing an access point to a network until an access point utilized is on a list of acceptable access points, in response to a buy response message that indicates a transaction between a merchant and a user. A hypertext transfer protocol authentication message is sent through the access point that is on the list of acceptable access points.

No. of Pages : 49 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4182/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : LOCATION DETECTION IN A WIRELESS NETWORK

(51) International classification :H04W64/00

(31) Priority Document No :12/614,127

(32) Priority Date :06/11/2009

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

(86) International Application No :PCT/US2010/002894

Filing Date :04/11/2010

(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)ROSEMOUNT INC.

Address of Applicant :12001 Technology Drive Eden Prairie
Minnesota 55344 USA.

(72)Name of Inventor :

1)NIXON Mark

2)KARSCHNIA Robert

3)ROTVOLD Eric

4)SCHLIESS Trevor Duncan

5)CHEN Deji

(57) Abstract :

A first node A sends a first message to a second node B. The second node B sends a second message to the first node. A first elapsed time is measured from the beginning of the transmission of the first message to the beginning of receipt of the second message. A second elapsed time is measured from the beginning of the receipt of the first message to the beginning of the transmission of the second message. The second node B sends a third message to the first node A containing the second elapsed time. The distance between the first and second node A, B is calculated based on these elapsed times and a calibration count multiplier contained in the second or third message. A node may be moved within a wireless mesh network. Positional information about the node and distances to its neighbors is determined and transmitted to the network manager where it is stored.

No. of Pages : 22 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4183/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : THERMAL BUS BAR FOR A BLADE ENCLOSURE

(51) International classification :F28D15/02

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2009/062703

Filing Date :30/10/2009

(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)HEWLETT-PACKARD DEVELOPMENT COMPANY
L.P.**

Address of Applicant :11445 Compaq Center Drive West
Houston Texas U.S.A.

(72)Name of Inventor :

1)MICHAEL R. KRAUSE

2)BRANDON RUBENSTEIN

3)ROY ZEIGHAMI

4)FRED B. WORLEY

(57) Abstract :

A cooling system for a blade enclosure is disclosed. The cooling system comprises a thermal bus bar (TBB) 1220 positioned in the middle of the blade enclosure. The TBB 122 has a front face and a back face. When blades are inserted into the blade enclosure a heat transfer plate 584 on the blade makes thermal contact with either the front or back face of the TBB 122. The TBB 122 is cooled thereby cooling the blades.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4184/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SCAN PLAN FIELD OF VIEW ADJUSTOR DETERMINER AND/OR QUALITY ASSESSOR

(51) International classification :A61B6/03
(31) Priority Document No :61/261463
(32) Priority Date :16/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/054664
Filing Date :14/10/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)Name of Inventor :
1)VIK Torbjorn
2)BREDNO Jorg
3)WIEMKER Rafael
4)OLSZEWSKI Mark E.

(57) Abstract :

A method includes using a pre-scan image to define a scan field of view for a region of interest of a patient to be scanned for at least one image acquisition of a series of image acquisitions of a scan plan performing an image acquisition of the series based on a corresponding scan field of view for the image acquisition and determining via a processor (120) a next field of view for a next image acquisition of the series based on available image related data.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4185/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : INFORMATION PROCESSING APPARATUS KEY GENERATION APPARATUS SIGNATURE VERIFICATION APPARATUS INFORMATION PROCESSING METHOD SIGNATURE GENERATION METHOD AND PROGRAM□

(51) International classification	:H04L9/32
(31) Priority Document No	:2009-264242
(32) Priority Date	:19/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/066312
Filing Date	:21/09/2010
(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)SONY CORPORATION
Address of Applicant :1-7-1 Konan Minato-ku Tokyo 108-0075 Japan
(72)**Name of Inventor :**
1)KOICHI SAKUMOTO
2)TAIZO SHIRAI
3)HARUNAGA HIWATARI

(57) Abstract :

Provided is an information processing apparatus for realizing an electronic signature system of the MPKC signature method capable of safety certification with respect to chosen-message attack. An information processing apparatus including a first inverse transformation unit that transforms an element y of a finite ring K_n containing elements constituted of n numbers into an element y of the finite ring K_n by an inverse transformation T^{-1} of a first secret polynomial T , an element computation unit that considers the element y of the finite ring K_n obtained here as an element Y of an n -order extension A of a finite ring K and computes an element $X_e \{Z|f(Z)=Y\}$ of an inverse image of mapping $f: A \rightarrow A$ represented by a predetermined multivariable polynomial by using the element Y , an element selection unit that selects one element X of the inverse image with a probability p proportional to a number of elements a of the inverse image and outputs an exception value with a probability $(1-p)$, and a second inverse transformation unit that considers the element X selected here as an element x of the finite ring K_n and transforms the element x of the finite ring K_n into an element x of the finite ring K_n by an inverse transformation S^{-1} of a second secret polynomial S is provided,

No. of Pages : 122 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4186/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : AIR MOTOR AND ELECTRIC PAINTING DEVICE□

(51) International classification	:F01D1/06
(31) Priority Document No	:2010-265645
(32) Priority Date	:29/11/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/006614
Filing Date	:28/11/2011
(87) 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)NSK LTD.

Address of Applicant :6-3 Ohsaki 1-chome Shinagawa-ku
Tokyo 141-8560 Japan

(72)Name of Inventor :

1)KOBAYASHI Naoya

2)NAKAMURA Tsuyoshi

3)KOIWA Yuu

(57) Abstract :

There is provided an air motor and an electric painting device capable of improving driving efficiency. To that end, a housing (12), a main shaft (2) inserted inside of the housing, an impeller (4) fixed concentrically with the main shaft to an inserted portion of the main shaft inside of the housing and having a plurality of turbine blades (10) formed on the outer periphery, bearings (14 and 16) for rotatably supporting the main shaft and the impeller, and a nozzle (turbine air nozzle holes (28) and brake air nozzle holes (34)) having a tubular or hole-shaped channel for ejecting compressed air to the respective turbine blades for rotating the impeller along the circumference. When $M_i = v_e / a_0$ where r_h denotes hydraulic radius of the channel of the nozzle, C_f denotes viscous friction factor of a wall of the channel, k denotes specific heat ratio of compressed air, v_e denotes flow velocity of the compressed air in an entrance of the channel, and a_0 denotes acoustic velocity, length of the channel of the nozzle is set to a dimension of a calculated value (L) or greater using a predetermined expression.

No. of Pages : 56 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4187/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : CASCADED AMPLIFIERS WITH TRANSFORMER-BASED BYPASS MODE

(51) International classification :H03F1/02
(31) Priority Document No :61/261,223
(32) Priority Date :11/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/056616
Filing Date :12/11/2010
(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)QUALCOMM INCORPORATED
Address of Applicant :International IP Administration 5775
Morehouse Drive San Diego California 92121-1714 U.S.A.
(72)**Name of Inventor :**
1)JOSE CABANILLAS

(57) Abstract :

Cascaded amplifiers with a transformer-based bypass mode are described. In an exemplary design, an apparatus includes first and second amplifiers and a circuit. The first amplifier (e.g., a driver amplifier) provides amplification in a high gain mode and a bypass mode. The second amplifier (e.g., a power amplifier) provides amplification in the high gain mode. The circuit is coupled between the first and second amplifiers and includes a transformer having (i) a primary coil coupled to the first amplifier and (ii) a secondary coil that provides an output signal in the bypass mode. The primary coil may be a load inductor for the first amplifier. The circuit may further include a series combination of a capacitor and a switch coupled in parallel with the primary coil, a switch coupled in series with the secondary coil, and/or a capacitor coupled in parallel with the secondary coil.

No. of Pages : 33 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4176/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : AQUEOUS STOVING BINDER

(51) International classification :C08G18/64

(31) Priority Document No :09173282.6

(32) Priority Date :16/10/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/065576

Filing Date :16/10/2010

(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)Cytec Austria GmbH

Address of Applicant :Bundestrasse 175 8402 Werndorf
Austria

(72)Name of Inventor :

1)FEOLA Roland

2)PAAR Willi

3)GMOSER Johann

4)CVETKO Norbert

5)SCHIPFER Rudolf

(57) Abstract :

The invention relates to an aqueous stoving binder comprising a mixture AB of an amide-modified epoxy amine adduct A and a capped isocyanate B that has an allophanate as a structural element and a process of making thereof.

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4177/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD FOR THE PURIFICATION OF ADENOVIRUS PARTICLES

(51) International classification :C12N7/02
(31) Priority Document No :61/279,014
(32) Priority Date :15/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/065430
Filing Date :14/10/2010
(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)CRUCCELL HOLLAND B.V.
Address of Applicant :Archimedesweg 4 NL-2333 CN
Leiden The NETHERLANDS
(72)**Name of Inventor :**
1)DE VOCHT Marcel Leo
2)VEENSTRA Marloes

(57) Abstract :

The invention provides methods for large-scale adenovirus purification from high cell density suspensions using host cell DNA precipitation followed by a clarification step.

No. of Pages : 25 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4178/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : IRON-BASED SINTERED POWDER METAL FOR WEAR RESISTANT APPLICATIONS

(51) International classification :B22F1/00
(31) Priority Document No :12/579,772
(32) Priority Date :15/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/049600
Filing Date :21/09/2010
(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)FEDERAL-MOGUL CORPORATION
Address of Applicant :26555 Northwestern Highway
Southfield MI 48033 U.S.A.
(72)Name of Inventor :
1)CHRISTOPHERSON Denis Boyd Jr.
2)FARTHING Leslie John
3)KOTH Jeremy Raymond

(57) Abstract :

A powder metal material comprises pre-alloyed iron-based powder including carbon present in an amount of 0.25 to 1.50% by weight of the pre-alloyed iron-based powder. Graphite is admixed in an amount of 0.25 to 1.50% by weight of the powder metal material. The admixed graphite includes particles finer than 200 mesh in an amount greater than 90.0% by weight of the admixed graphite. Molybdenum disulfide is admixed in an amount of 0.1 to 4.0% by weight of the powder metal material copper is admixed in an amount of 1.0 to 5.0% by weight of the powder metal material and the material is free of phosphorous. The powder metal material is then compacted and sintered at a temperature of 1030 to 1150°C. At least 50% of the admixed graphite of the starting powder metal material remains as free graphite after sintering

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4179/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : USE OF A PROTEIN HOMOLOGOUS TO A MEAB PROTEIN FOR INCREASING THE ENZYMATIC ACTIVITY OF A 3-HYDROXYCARBOXYLIC ACID-COA MUTASE

(51) International classification :C07K14/47
(31) Priority Document No :102009046623.1
(32) Priority Date :11/11/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/065151
Filing Date :11/10/2010
(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)Evonik Rhm GmbH
Address of Applicant :Kirschenallee 64293 Darmstadt
Germany
(72)Name of Inventor :
1)REINECKE Liv
2)SCHAFER Steffen
3)K-HLER Tim
4)THIESSENHUSEN Anja
5)MARX Achim
6)BUCHHAUPT Markus

(57) Abstract :

The invention relates to the use of a protein homologus to MeaB protein for increasing the enzymatic activity of a 3-hydroxycarboxylic acid-CoA mutase a fusion protein comprising a 3-hydroxycarboxylic acid-CoA.mutase and a protein sequence homologous to a MeaB protein and an enzymatic method for producing 2-hydroxyisobutyric acid.

No. of Pages : 44 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4180/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD FOR PRODUCING REDUCED COENZYME Q10 METHOD FOR STABILIZING SAME AND COMPOSITION COMPRISING SAME

(51) International classification	:C07C41/26
(31) Priority Document No	:2009-239754
(32) Priority Date	:16/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/068155
Filing Date	:15/10/2010
(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)KANEKA CORPORATION
Address of Applicant :2-4 Nakanoshima 3-chome Kita-ku
Osaka-shi Osaka 530-8288 Japan
(72)**Name of Inventor :**
1)JIKIHARA Takaaki
2)YAMAGUCHI Takao
3)KITAMURA Shiro
4)UEDA Yasuyoshi

(57) Abstract :

An object of the present invention is to provide a substance characterized by ability to reduce oxidized coenzyme Q10 and ability to stabilize reduced coenzyme Q10 which contains nutrients has a favorable taste and is excellent in general versatility and a method for using the same. The present invention relates to a method for producing reduced coenzyme Q10 comprising reducing oxidized coenzyme Q10 with a particular amino acid The present invention also relates to a method for stabilizing reduced coenzyme Q10 in the presence of a particular amino acid and a composition stabilized by the method.

No. of Pages : 43 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4181/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING REAL-TIME DATA

(51) International classification :H04L12/16
(31) Priority Document No :12/905,319
(32) Priority Date :15/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2010/001616
Filing Date :15/10/2010
(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)Cogent Real-Time Systems Inc.
Address of Applicant :162 Guelph Street Suite 253
Georgetown Ontario-L7G 5X7 Canada
2)THOMAS Andrew
(72)Name of Inventor :
1)THOMAS Andrew

(57) Abstract :

A system and method for providing real-time data to a Rich Internet Application is disclosed. The graphical and networking features of RIA frameworks in conjunction with at least one real-time data server provides low-latency real-time data applications in a web browser. In one embodiment data is produced at a data source propagated to a server and collected at the server. A persistent connection is created from a RIA to the server and the RIA is subscribed to the data wherein the subscribed data comprises at least some of the data collected at the server and wherein the server propagates the subscribed data to the RIA through the persistent connection as the data is collected at the server.

No. of Pages : 30 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4107/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : LOWER REACTIVITY ADSORBENT AND HIGHER OXYGENATE CAPACITY FOR REMOVAL OF OXYGENATES FROM OLEFIN STREAMS

(51) International classification :B01J20/08
(31) Priority Document No :12/573,927
(32) Priority Date :06/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/050806
Filing Date :30/09/2010
(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)BASF CORPORATION
Address of Applicant :100 Campus Drive Florham Park NJ
07932 U.S.A.
(72)Name of Inventor :
1)DOLAN William
2)SPERONELLO Barry
3)MAGLIO Alfonse
4)REINERSTEN Dennis
5)REHMS MOONEY Dana

(57) Abstract :

An improved adsorbent useful in removing contaminants from various hydrocarbon streams comprises a zeolite an alumina and an added metal component provided in the adsorbent by initially contacting primarily the zeolite with the added metal. In a specific application an adsorbent comprising sodium impregnated zeolite Y and alumina is used to purify an ethylene stream in order to remove CO₂ H₂S methanol and other S-- and Ocontaining compounds

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4108/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR EXTRACTING LIPIDS FROM AND DEHYDRATING WET ALGAL BIOMASS□

(51) International classification	:C12N1/12
(31) Priority Document No	:12/610,134
(32) Priority Date	:30/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054861
Filing Date	:29/10/2010
(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)AURORA ALGAE INC.
Address of Applicant :1301 Harbor Bay Parkway Alameda
California 94502 United States of America
(72)**Name of Inventor :**
1)FLEISCHER Daniel
2)JUKIC Marko
3)THOMPSON Andrew
4)RADAELLI Guido

(57) Abstract :

Exemplary methods include centrifuging a wet algal biomass to increase a solid content of the wet algal biomass to between approximately 10% and 40% to result in a centrifuged algal biomass mixing the centrifuged algal biomass with an amphiphilic solvent to result in a mixture heating the mixture to result in a dehydrated defatted algal biomass separating the amphiphilic solvent from the dehydrated defatted algal biomass to result in amphiphilic solvent water and lipids evaporating the amphiphilic solvent from the water and the lipids and separating the water from the lipids. The amphiphilic solvent may be selected from a group consisting of acetone methanol ethanol isopropanol butanone dimethyl ether and propionaldehyde. Other exemplary methods include filtering a wet algal biomass through a membrane to increase a solid content of the wet algal biomass to between approximately 10% and 40% to result in a filtered algal biomass.

No. of Pages : 17 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4110/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : INTERFERENCE CANCELLATION FOR NON-ORTHOGONAL CHANNEL SETS

(51) International classification :H04W16/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CN2009/075176

Filing Date :27/11/2009

(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)QUALCOMM Incorporated

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714 USA.

(72)Name of Inventor :

1)LIANG Jiye

2)FAN Michael M.

3)XUE Yisheng

(57) Abstract :

Techniques for interference cancellation in a CDMA system. In an exemplary embodiment a channel set scrambled using a secondary scrambling code (SSC) is estimated and cancelled along with a channel set scrambled using a primary scrambling code (SSC). The estimation and cancellation of the SSC channel set may proceed in series with the estimation and cancellation of the PSC channel set. Alternatively the estimation of the SSC channel set may proceed in parallel with the estimation of the PSC channel set and the cancellations of the PSC and SSC channel sets may be simultaneously performed. Multiple iterations of such estimation and cancellation may be performed in a successive interference cancellation (SIC) scheme.

No. of Pages : 47 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4111/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHODS AND APPARATUS FOR IMPROVING HEADER COMPRESSION

(51) International classification :H04L29/06
(31) Priority Document No :61/264,982
(32) Priority Date :30/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/058452
Filing Date :30/11/2010
(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)QUALCOMM Incorporated
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714 USA.
(72)**Name of Inventor :**
1)REZAIIIFAR Ramin
2)KIMBALL Robert Howard

(57) Abstract :

A method and apparatus for reducing HTTP header is provided. The method may include receiving a suppression identifier list wherein the suppression identifier list associates header identifier values with at least a portion of one or more header content items in an HTTP header replacing the one or more header content items with the corresponding header field identifier from the suppression identifier list and transmitting the data packet with the one or more header field identifiers replacing the corresponding one or more header content items.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4253/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SOLAR STILL ASSEMBLY□

(51) International classification	:F24J2/46
(31) Priority Document No	:2009905616
(32) Priority Date	:18/11/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001533
Filing Date	:16/11/2010
(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)FIRST GREEN PARK PTY LTD
Address of Applicant :35 Robins Avenue Humevale Victoria
3757 Australia
(72)**Name of Inventor :**
1)JOHNSTONE Peter

(57) Abstract :

The specification discloses a solar energy treatment device (10) such as a solar still for producing clean water from a contaminated or saline water source the solar energy treatment device (10) having at least one wall (18 19) formed by a flexible plastic sheet member the solar energy treatment device (10) further including a rectangular or square perimeter frame (11) with edge portions formed by edge connector means (12) each edge connector means (12) being formed by a first member (13) defining a first elongated recess (25) extending longitudinally along the first member (13) the edge connector means (12) also including a second member (14) having a first elongated flange (23) when in use projecting into the first elongated recess (25) to retain an edge zone (22) of the flexible plastic sheet member (18 19) within the first elongated recess (25).

No. of Pages : 17 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3858/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : NEEDLELESS ACCESS CONNECTORS AND VALVE ELEMENTS THEREFOR

(51) International classification :A61M39/04

(31) Priority Document No :12/619,598

(32) Priority Date :16/11/2009

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

(86) International Application No :PCT/US2010/056749

Filing Date :15/11/2010

(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)CAREFUSION 303 INC.

Address of Applicant :3750 Torrey View Court San Diego
CA 92130 U.S.A.

(72)Name of Inventor :

1)TRUITT TIM L.

2)MAZZA ALEX T.

(57) Abstract :

A collapsible valve (304) for use in a needleless access connector (300) to reduce the priming volume of the needleless access connector. A needleless access connector with a small priming volume A method of connecting a first medical device to a second medical device with a needleless access connector with a small priming volume.

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3859/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : INTERLEAVED OUTER CONDUCTOR SHIELD CONTACT□

(51) International classification	:H01R9/05
(31) Priority Document No	:12/611,095
(32) Priority Date	:02/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/051799
Filing Date	:07/10/2010
(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)ANDREW LLC

Address of Applicant :1100 Commscope Place Se Hickory
North Carolina 28602 United States of America

(72)Name of Inventor :

1)LOW David

2)BUENZ Larry

3)PAYNTER Jeffrey

(57) Abstract :

A spring contact for a coaxial connector includes a first ring provided with a plurality of spring fingers extending toward a connector end of the first ring and a second ring provided with a plurality of spring fingers extending toward a connector end of the second ring. The first ring and the second ring are nested together. The spring contact may be manufactured for example by stamping a pre-form ring from a planar metal sheet and then bending the spring fingers extending radially inward from an inner diameter of the pre-form ring to extend towards a connector end of the resulting spring contact.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3860/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : THICK JUICE BEVERAGES□

(51) International classification	:A23L2/06
(31) Priority Document No	:61/263,442
(32) Priority Date	:23/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/057778
Filing Date	:23/11/2010
(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)TROPICANA PRODUCTS INC.
Address of Applicant :1001 13th Avenue E Bradenton
Florida 34208 United States of America
(72)**Name of Inventor :**
1)JORDAN Rachel L.
2)HITCHCOCK Bryan
3)STEPHEN Jeanette
4)OMUETI Lisa
5)MATHEWS Jeffrey D.

(57) Abstract :

A thickened juice beverage contains juice and homogenized pulp and/or homogenized finisher-derived solids. The beverage has a measured viscosity between about 50 and about 125 cps at the time of manufacture and the pulp or solids do not significantly change the smoothness or taste profile of the juice. The homogenized pulp and homogenized finisher-derived solids have an average particle size of less than 1000 microns and 1500 microns respectively. Optionally the juice beverage meets the standard of identity of a 100% juice such as an orange juice.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4133/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : MANUFACTURING A MEMS HAVING ELECTRICALLY CONNECTED FRONT PLATE AND BACK PLATE

(51) International classification	:B81B7/00
(31) Priority Document No	:12/619,521
(32) Priority Date	:16/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/056410
Filing Date	:11/11/2010
(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)QUALCOMM MEMS Technologies Inc.
Address of Applicant :5775 Morehouse Drive San Diego CA
92121 USA.
(72)**Name of Inventor :**
1)KHONSARI Nassim

(57) Abstract :

A system and method for manufacturing a display device having an electrically connected front plate and back plate are disclosed. In one embodiment the method comprises printing conductive raised contours onto a non-conductive back plate aligning the back plate with a non-conductive front plate such that the raised contours align with conductive routings on the front plate to electrically connect the raised contours and the routings and sealing the back plate and the front plate.

No. of Pages : 34 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4134/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : CHANNEL QUALITY INDICATOR DESIGN FOR MULTIPLE-USER MULTIPLE-INPUT AND MULTIPLE-OUTPUT IN HIGH-SPEED PACKET ACCESS SYSTEMS

(51) International classification :H04L1/00
(31) Priority Document No :61/262,111
(32) Priority Date :17/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/057113
Filing Date :17/11/2010
(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)QUALCOMM Incorporated
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714 USA.
(72)Name of Inventor :
1)VITTHALADEVUNI Pavan Kumar
2)SUN Haitong
3)ZHANG Danlu
4)CHANDE Vinay
5)BRUECK Stefan
6)BLANZ Josef J.

(57) Abstract :

A method for providing multiple-user multiple-input and multiple-output in a high-speed packet access system is described. A channel quality indicator is received from a dual-stream-capable wireless communication device requesting a single-stream transmission at a first data rate. The first data rate is adjusted by an adaptive outer loop margin to obtain a second data rate. A data stream is transmitted to the wireless communication device using the second data rate. A positive-acknowledgement/negative-acknowledgement (ACK/NACK) is received from the wireless communication device. The adaptive outer loop margin is adjusted according to the received ACK/NACK.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4264/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DISPLAYING AN ON-SCREEN DISPLAY

(51) International classification :H04N5/445
(31) Priority Document No :09177970.2
(32) Priority Date :04/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/055414
Filing Date :25/11/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)Name of Inventor :
1)ENGELBLIK Bastiaan Johan

(57) Abstract :

At least a dimension of an on-screen display of an apparatus is determined based upon the type of user interface device (101 103) used and when said user interface device is a remote control device based upon a distance between the remote control device and the display. The on-screen display is displayed according to the determined dimension.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4140/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : AN AXIAL FAN FAN ROTOR AND METHOD OF MANUFACTURING A ROTOR FOR AN AXIAL FAN

(51) International classification	:F04D29/02
(31) Priority Document No	:PA 2009 01117
(32) Priority Date	:13/10/2009
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2010/050264
Filing Date	:13/10/2010
(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)Novenco A/S

Address of Applicant :Industrivej 22 DK-4700 N|stved
Denmark

(72)Name of Inventor :

1)KAMPF Lars Verner

(57) Abstract :

An axial fan (1) and a fan rotor (2) are provided as well as a method of manufacturing same wherein the rotor hub comprises an outer shell having on its outside a hub surface which is essentially rotational-symmetrical about the centre axis of the rotor hub; and wherein the rotor hub has a front end and a rear end and a diverging section there between where the radius of the hub surface in the diverging section is increased by the distance to the front end of the hub; and wherein the rotor hub and the blades are made as separate metal parts; and wherein the rotor blades are securely mounted to the diverging section on the hub surface.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4141/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : ELEVATOR SYSTEM AND LOAD BEARING MEMBER FOR SUCH A SYSTEM

(51) International classification :B66B7/06
(31) Priority Document No :09173069.7
(32) Priority Date :14/10/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/064902
Filing Date :06/10/2010
(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)INVENTIO AG

Address of Applicant :Seestrasse 55 CH-6052 Hergiswil
Switzerland

(72)Name of Inventor :

1)PERIC Danilo

2)BERNER Oliver

3)ACH Ernst

(57) Abstract :

The invention relates to an elevator system having a suspension and a suspension for supporting and/or moving at least one elevator car (3) in an elevator system (I), wherein the suspension (12) can be guided and driven at least by means of a sheave (4), in particular a traction sheave (4.1) of a drive machine (2) of an elevator system (I), and the suspension (12) comprises a body (15) made of a polymer and at least one tie beam (22) extending in the longitudinal direction of the suspension (12) and embedded in the body (15) and made of wires (42) and is present as a cord or rope. A thickest wire (43) having the greatest wire diameter ϕ in the tie beam (22) comprises a bending stress σ_b in a range from $\sigma_{b,SON}$ to 900N/mm^2 when bending the tie beam (18) about a least bending radius r , and wherein the bending stress σ_b results as a function of the elastic modulus E and the diameter ϕ of the thickest wire (26), according to the following equation: $\sigma_b = (\delta E)2r$, wherein the suspension (12) is run about a smallest pulley having a least pulley diameter D in the elevator system (I), the pulley diameter D thereof corresponding to no more than two times the least bending radius r : $D < 2r$.

No. of Pages : 57 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4142/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : BONALIVE BIOMATERIALS OY 09175775.7 12/11/2009 PENDING IMPLANTABLE PASTE AND ITS USE

(51) International classification	:A61K6/027, A61K6/083
(31) Priority Document No	:09175775.7
(32) Priority Date	:12/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/067376
Filing Date	:12/11/2010
(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)BONALIVE BIOMATERIALS OY
Address of Applicant :Biolinja 12 FIN-20750 Turku Finland
(72)**Name of Inventor :**
1)TUOMINEN Jukka
2)LEHTONEN Timo
3)OLLILA Fredrik

(57) Abstract :

The present invention relates to an implantable paste comprising bioactive glass spheres having a size distribution of 50-425 µm low molecular weight polyethylene glycol having a molecular weight range of 200-700 g/mol medium molecular weight polyethylene glycol having a molecular weight range of 700-2500 g/mol and high molecular weight polyethylene glycol having a molecular weight range of 2500-8000 g/mol with the proviso that the molecular weight of the low molecular weight polyethylene glycol and of the medium molecular weight polyethylene glycol differ from each other by at least 80 g/mol and that the molecular weight of the medium molecular weight polyethylene glycol and of the high molecular weight polyethylene glycol differ from each other by at least 300 g/mol.

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4270/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SHAVING KIT WITH REPLACEMENT INDICATOR

(51) International classification :B26B21/40
(31) Priority Document No :09178279.7
(32) Priority Date :08/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/055545
Filing Date :02/12/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)Name of Inventor :
1)LELIEVELD Mark Johannes
2)RAAP Gerben
3)ZUIDERVAART Jasper
4)BENNIK Jan
5)BARON Sint

(57) Abstract :

Shaving kit comprising a cartridge store for storing at least one spare blade cartridge and a container for storing a shaving fluid like a refreshing or cleaning lotion or a shaving foam. The container comprises a volume of shaving fluid which is sufficient for several series of shaving actions. After at least one shaving action a blade razor may be coupled to the container to transfer shaving fluid to the blade razor. By transferring shaving fluid to the blade razor the volume of shaving fluid in the container decreases. The container comprises a replacement indicator for indicating a desired replacement of the blade cartridge. The replacement indicator operates in dependence on a volume of shaving fluid transferred from the container.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3841/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : HERMETIC SEAL FOR PORTABLE ELECTRONIC DEVICE

(51) International classification :G06F1/16

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2009/064212

Filing Date :12/11/2009

(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)HEWLETT-PACKARD DEVELOPMENT COMPANY
L.P.**

Address of Applicant :11445 Compaq Center Drive W.
Houston Texas U.S.A.

(72)Name of Inventor :

1)MARK DAVID SENATORI

2)CAMERON C DUNCAN

(57) Abstract :

Embodiments of the present invention disclose a hermetic seal apparatus for a portable electronic device. According to one embodiment the sealing apparatus includes a first housing 102 and a second housing 104 that are connected together at a common end. A receiving member 108 is formed continuously around an interior surface of the first housing while a receiving member 112 is formed continuously around an interior surface of the second housing. Furthermore the engaging member is configured to fit hermetically within the receiving member so as to seal the first housing with the second housing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3842/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : AN ENCLOSED OFFSHORE TANK FOR STORING CRUDE OIL

(51) International classification :B63J2/14
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/MY2009/000194
Filing Date :16/11/2009
(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)KINGTIME INTERNATIONAL LIMITED
Address of Applicant :c/o 80 Raffles Place #16-20 UOB Plaza
2 Singapore 048624.

(72)**Name of Inventor :**
1)C. NADARAJAH NAGENDRAN
2)DE RAJ RENATA ANITA
3)SUPPIAH MAHENDRAN
4)GROZESCU LONEL VALERIU

(57) Abstract :

An enclosed offshore tank (10) for storing crude oil in a flowable form comprising a cover (19) floor (20) and a perimeter wall (74) secured to the floor (20) forming the offshore tank characterized in that wherein the offshore tank further includes: microwave heating system (58) that includes at least one microwave generator (60) at least one waveguide (62) and at least one radiating element (64) to indirectly heat the crude oil in the offshore tank; and wherein the at least one microwave generator (60) generates transverse electromagnetic waves which is transmitted through the at least one waveguide (62) to the at least one radiating element (64).

No. of Pages : 35 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4282/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : NEW THERAPEUTIC APPROACHES FOR TREATING ALZHEIMER DISEASE□

(51) International classification :A61K31/137

(31) Priority Document No :09306048.1

(32) Priority Date :03/11/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/066510

Filing Date :29/10/2010

(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)PHARNEXT

Address of Applicant :11 RUE DES PEUPLIERS 92130
ISSY-LES-MOULINEAUX France

(72)Name of Inventor :

1)COHEN Daniel

2)CHUMAKOV Ilya

3)NABIROCHKIN Serguei

(57) Abstract :

The present invention relates to compositions and methods for the treatment of Alzheimers disease and related disorders. More specifically the present invention relates to novel combinatorial therapies of Alzheimers disease and related disorders. In particular the invention concerns compounds which alone or in combination(s) can effectively modulate synapse function and/or angiogenesis and/or cell stress response. The invention also relates to methods of producing a drug or a drug combination for treating Alzheimers disease and to methods of treating Alzheimers disease or a related disorder.

No. of Pages : 96 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4283/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : EXTERNAL CASING PACKER□

(51) International classification	:E21B33/14
(31) Priority Document No	:2009905659
(32) Priority Date	:19/11/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001548
Filing Date	:19/11/2010
(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)GRAY Ian

Address of Applicant :93 Colebard Street West Acacia Ridge
Queensland 4110 Australia.

(72)Name of Inventor :

1)GRAY Ian

(57) Abstract :

A method and apparatus for cementing a zone of borehole casing using an external casing packer (ECP). The method involves sealing the base of the ECP with a ball dropped in a seat and then pressurising the casing to inflate an elastomeric packer sleeve through a one-way valve. When a design differential pressure is reached across the casing and elastomeric sleeve a grout valve In the upper part of the packer opens to limit the sleeve inflation pressure and to provide a one-way valve through which cement grout passes to permit grouting of the annuls between the casing and the borehole.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4284/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR TRACKING INVENTORY USING AN RFID TAG TAPE

(51) International classification :G06K17/00

(31) Priority Document No :12/638,786

(32) Priority Date :15/12/2009

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

(86) International Application No :PCT/US2010/060366

Filing Date :14/12/2010

(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)CAREFUSION 303 INC.

Address of Applicant :3750 Torrey View Court San Diego
CA 92130 United States of America

(72)Name of Inventor :

1)YTURRALDE Mark

2)ROSS Graham

(57) Abstract :

A method of tracking an inventory comprises associating a plurality of radio frequency identification (RFID) values corresponding to a plurality of RFID tags with an inventory item affixing the plurality of RFID tags to a plurality of surfaces of the inventory item such that antenna axes of the plurality of RFID tags are oriented in a plurality of directions wirelessly sensing RFID tags affixed to items in the inventory using an antenna array comprising one or more antennae and deciding if one or more of the plurality of RFID values associated with the inventory item is sensed that the inventory item is present in the inventory otherwise deciding that the inventory item is not present in the inventory.

No. of Pages : 32 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4265/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : APPARATUS AND METHOD COMPRISING ADJUSTABLE STEPPED MOUTHPIECE FOR AEROSOL DRUG DELIVERY

(51) International classification :A61M15/00
(31) Priority Document No :61/266741
(32) Priority Date :04/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/055092
Filing Date :09/11/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)Name of Inventor :
1)DENYER Jonathan Stanley Harold
2)NIKANDER Kurt Verner Holger
3)VON HOLLEN Dirk Ernest
4)SMALDONE Gerald Christopher
5)PETHERBRIDGE Ian Thomas

(57) Abstract :

An apparatus and method to aid in administering inhaled pharmaceutical aerosol to a patient is configured to maintain a tongue in proper position and offset the patient's upper and lower jaws during aerosol delivery. An adjustable member is provided adjacent a mouthpiece and at least partially surrounds and moves with respect to the body of the apparatus. The adjustable member has a step structured to impart a selected amount of mandibular advancement to a patient during aerosol delivery. A tongue depressor which may be integrally formed with the adjustable member configured to prevent a tongue from occluding a flow of aerosol is also provided.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/05/2012

(21) Application No.4266/CHENP/2012 A

(43) Publication Date : 30/08/2013

(54) Title of the invention : ALLOY COMPRISING TWO REFRACTORY METALS PARTICULARLY W AND TA AND X-RAY ANODE COMPRISING SUCH ALLOY AND METHOD FOR PRODUCING SAME

(51) International classification	:C22C1/04
(31) Priority Document No	:61/267178
(32) Priority Date	:07/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055489
Filing Date	:30/11/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)XU Paul
2)KRAFT Kevin C.
3)HE Min
4)CARLSON Gerald J.

(57) Abstract :

An alloy comprising at least two refractory metals and a method for forming such alloy are proposed. In the alloy, a first refractory metal such as tantalum forming a minor portion of the alloy is completely dissolved in a second refractory metal such as tungsten forming a major portion of the alloy. The alloy may be formed by providing the two refractory metals in a common crucible (step S1), melting both refractory metals by application of an electron beam (step S2), mixing the molten refractory metals (step S3) and solidifying the melt (step S4). Due to the possible complete mixing of the refractory metal components in a molten state, improved material properties of the solidified alloy may be achieved. Furthermore, due to the use of tantalum instead of rhenium together with tungsten, a cheap and resistant refractory metal alloy may be produced, which alloy may be used for example for forming a focal track region of an X-ray anode.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4267/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : A METHOD AND A CORRECTION SYSTEM FOR CORRECTING TRACER-UP TAKE MEASUREMENTS

(51) International classification	:A61B6/00
(31) Priority Document No	:09178287.0
(32) Priority Date	:08/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/055530
Filing Date	:01/12/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)WEIBRECHT Martin

(57) Abstract :

This invention relates to a method and a correction system for correcting tracer-uptake measurements for patient specific variations in the tracer-uptake. Input data are received about the patient and subsequently it is determining whether the received input data include tracer-impact data that impact the tracer-uptake measurements for the patient. In case the tracer-impact data are included in the input data a comparing is performed where the tracer-impact data are compared with pre-stored reference data that have associated thereto a correction indicator indicating an amount of deviation of the tracer-uptake measurement due to the tracer-uptake dependent data. The correction indicator of the pre-stored reference data that match with the tracer-impact data is then used to correct the tracer-uptake measurements for the patient.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4268/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : DRIVER FOR A SOLID STATE LAMP

(51) International classification :H05B33/08

(31) Priority Document No :09178333.2

(32) Priority Date :08/12/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/055502

Filing Date :30/11/2010

(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

1)HONTELE Bertrand Johan Edward

(57) Abstract :

A driver (32) for a solid state lamp (31) receives phase-cut AV supply voltage (PCACV). The lamp is operated at a dimmed light output (LA) on the basis of the phase angle (f) of the phase-cut AV supply voltage (PCACV). The driver comprises a memory (39) containing information defining a function (F). In a normal mode the driver monitors the supply voltage and calculates the momentary value of the dim factor () from the momentary value of the phase angle (f) according to a formula $= F(f)$. In a learning mode the driver detects the lowest value (fMIN) and the highest value (fMAX) assumed by the phase angle (f) and updates the said information in said memory (39) such that the dim factor will have its minimum value and maximum value (MIN MAX) corresponding to the minimum value and maximum value (fMIN fMAX) of the phase angle (f) respectively.

No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4271/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : ABLATION TREATMENT PLANNING AND GUIDING METHOD AND DEVICE

(51) International classification :A61B19/00
(31) Priority Document No :09178296.1
(32) Priority Date :08/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/055491
Filing Date :30/11/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)MIELEKAMP Pieter M.

(57) Abstract :

An ablation treatment planning and, optionally, guiding method usable for e.g. tumour tissue ablation with a cryoablation needle which cools down an adjacent tumour tissue to thereby generate an ablation volume is proposed. In order to be able to plan an ablation treatment, a 3D image data set of a region of interest may be acquired by e.g. X-ray imaging using e.g. a C-arm system. Then, 3D model data of the ablation volume are introduced into the 3D image data set for example by tagging image pixels using a stencil buffer and possibly by culling specific inside areas and/or outside areas of the ablation volume. Finally, a 2D image to be visualized to a physician and comprising a projection of the region of interest and the ablation volume is drawn wherein an MPR (multi planar reformatting) plane in which the 2D image is drawn is used as a clipping plane. With such graphical approach, an ablation volume having any arbitrary shape such as for example an ellipsoid shape may be visualized within a 3D image space by drawing 2D images in any desired MPR plane such that also oblique orientations of the ablation volume can be represented. In a subsequent guiding procedure, an ablation needle may be guided to a location and in an orientation as previously planned.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4272/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : DETERMINING TOUCH DATA FOR ONE OR MORE OBJECTS ON A TOUCH SURFACE

(51) International classification :G06F3/042
(31) Priority Document No :0950768-2
(32) Priority Date :19/10/2009
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2010/051107
Filing Date :13/10/2010
(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)FLATFROG LABORATORIES AB
Address of Applicant :Traktorvgen 11 S-226 60 Lund
Sweden
(72)Name of Inventor :
1)Tomas CHRISTIANSSON
2)Mattias BRYBORN KRUS

(57) Abstract :

A touch-sensing apparatus comprises a light transmissive panel, in which sheets of light are propagated by internal reflection between a touch surface and an opposite surface from an incoupling site to an outcoupling site. The touch-sensing apparatus is configured such that objects touching the touch surface cause a local attenuation of at least two sheets of light. A light sensor arrangement is optically connected to the outcoupling site to measure transmitted light energy. A data processor is connected to the light sensor arrangement and configured to execute a touch determination process. The process operates on at least one projection signal which is indicative of a spatial distribution of light within the outcoupling site. In the process, the projection signal(s) is/are processed for identification of signal profiles representing the attenuation (step 1202). The signal profiles are used for identifying one or more candidate touch areas on the touch surface (step 1206'). The projection signal(s) is/are then processed to reconstruct a two-dimensional distribution of signal values locally within the one or more candidate touch areas (step 1207), whereupon touch data for the or each object is determined by processing the reconstructed signal values within the candidate touch areas (step 1208).

No. of Pages : 53 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4274/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : POINT-TO-POINT CHAT METHOD AND SYSTEM

(51) International classification :H04W4/14
(31) Priority Document No :200910109759.2
(32) Priority Date :19/11/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/074747
Filing Date :29/06/2010
(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)Yunlong JING

(57) Abstract :

The present invention discloses a point-to-point chat system and method. The system comprises a USSD (Unstructured Supplementary Service Data) signaling interface unit and a chat control unit. The USSD signaling interface unit is configured to receive a USSD chat request message of an inviting party and a USSD chat joining message of an invited party via a core network, and to forward the USSD chat request message and the USSD chat joining message to the chat control unit. The chat control unit is configured to send a chat inviting message to the invited party after receiving the USSD chat request message, to start the chat after receiving the USSD chat joining message, and to receive chat information of the inviting party or the invited party to forward to the other party of the inviting party or the invited party. The present invention makes full use of advantages of the USSD technology and effectively reduces the cost, and its application mode is very flexible.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4276/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : WIND TURBINE BLADE PROVIDED WITH OPTICAL WIND VELOCITY MEASUREMENT SYSTEM

(51) International classification	:F03D7/02
(31) Priority Document No	:09177500.7
(32) Priority Date	:30/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/068301
Filing Date	:26/11/2010
(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)LM GLASFIBER A/S
Address of Applicant :Jupitervej 6 DK-6000 Kolding Denmark.
(72)**Name of Inventor :**
1)FUGLSANG Peter
2)FUGLSANG Lars
3)HAMMER Lars Christian Hvidegaard

(57) Abstract :

A wind turbine comprising a number of blades including at least a first wind turbine blade extending substantially radially from a hub on a main shaft having a substantially horizontal centre axis is disclosed. The blades together with the hub constituting a rotor with a rotor plane and which can be put into rotation by wind and each blade having an innermost part comprising a root section of the blade and an outermost part comprising a tip section of the blade. The wind turbine comprises an optical measurement system comprising a light source such as a laser an optical transmitter part an optical receiver part and a signal processor. The light source is optically coupled to the optical transmitter part. The optical transmitter part comprises an emission point and is adapted for emitting light in a probing direction from said emission point.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4278/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : TREATMENT USING REPROGRAMMED MATURE ADULT CELLS□

(51) International classification :A61K35/16

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/GB2009/051396

Filing Date :19/10/2009

(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)TRISTEM TRADING (CYPRUS) LIMITED

Address of Applicant :Arch. Makariou III 2-4 Capital Center
9th Floor Nicosia P.C. 1505 Cyprus

(72)Name of Inventor :

1)ABULJADAYEL Ilham Mohamed Saleh Saeed

(57) Abstract :

A method of treating various diseases disorders or conditions in patient using reprogrammed cells such as retrodifferentiated transdifferentiated or redifferentiated cells. The method comprises obtaining committed cells from the patient retrodifferentiating the committed cells to obtain retrodifferentiated target cells and administering the retrodifferentiated cells to the patient. In certain embodiments the method comprises obtaining committed cells from the patient transdifferentiating the committed cells to obtain transdifferentiated target cells and administering the transdifferentiated target cells to the patient. The retrodifferentiated or transdifferentiated target cells repair or replenish tissue or cells in the patient.

No. of Pages : 96 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4280/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYSTEM FOR ANALYSING GAS FROM STRATA BEING DRILLED UNDER HIGH MUD FLOWS□

(51) International classification	:E21B49/02
(31) Priority Document No	:2009905663
(32) Priority Date	:19/11/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001549
Filing Date	:19/11/2010
(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)GRAY Ian

Address of Applicant :93 Colebard Street West Acacia Ridge
Queensland 4110 Australia.

(72)Name of Inventor :

1)GRAY Ian

(57) Abstract :

A gas analysis system for determining the gas content of subterranean strata. A boring operation is commenced to form a borehole into or through a subterranean formation such as a coal or shale formation to determine the gas content thereof. The drill fluid cuttings and any desorbed gas is carried from the downhole location to surface analysing equipment in a closed system so that the desorbed gases are not exposed to the air. The drill stem is capped or sealed at the surface as well as the wellbore annulus to effectively seal the drill liquid cuttings and desorbed gasses. The drill fluid cuttings and desorbed gasses from the formation are coupled from the wellhead apparatus to the gas processing equipment via a closed system so that the constituents and volume of the gas can be determined.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4281/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : A UREA STRIPPING PROCESS FOR THE PRODUCTION OF UREA

(51) International classification :C07C273/04

(31) Priority Document No :10150235.9

(32) Priority Date :07/01/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/NL2011/050012

Filing Date :07/01/2011

(87) International Publication No : NA

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)STAMICARBON B.V.

Address of Applicant :Mercator 2 6135 KW Sittard (NL)
Netherlands

(72)Name of Inventor :

1)MENNEN Johannes Henricus

(57) Abstract :

The disclosure relates to a process for producing urea wherein an aqueous urea solution leaving a urea reaction zone is fed to a stripper where a part of the non-converted ammonia and carbon dioxide is separated from the aqueous urea solution which solution leaves the stripper to a first recovery section of one or more serial recovery sections and is subsequently fed to one or more urea concentration sections wherein the urea solution leaving the stripper is subjected to an adiabatic expansion thus creating a vapor and a liquid which are separated before the liquid enters a first recovery section and the vapor is condensed. The disclosure further relates to a urea plant comprising a stripper and a first recovery section wherein an adiabatic expansion valve and a liquid/gas separator is provided between the stripper and the first recovery section.

No. of Pages : 24 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3899/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : MICROCHANNEL STRUCTURE AND METHODS FOR PRODUCING EMULSION AND SOLID SPHERICAL PARTICLES

(51) International classification	:B01J19/00
(31) Priority Document No	:2009-258570
(32) Priority Date	:12/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/070232
Filing Date	:12/11/2010
(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)Asahi Glass Company Limited
Address of Applicant :5-1 Marunouchi 1-chome Chiyoda-ku
TOKYO 100-8405 Japan
2)AGC Si-Tech Co. Ltd.
(72)**Name of Inventor :**
1)Hajime Katayama

(57) Abstract :

A microchannel structure is provided wherein supplied fluids are prevented from transuding via a lamination interface into channels for a mixture or reaction product. A method is further provided for producing an emulsion having a uniform particle size under a high pressure condition by using the microchannel structure. The microchannel structure comprises one or more layers having notches to constitute channels laminated and pressed between a pair of frames having an outside communicating hole to constitute a channel so as to form microchannels to mix/react fluids channels to supply the fluids to the microchannels and a channel to discharge the fluids from the microchannels wherein a channel for discharging a transudation fluid is provided to recover a fluid having transuded at a lamination interface so as not to let it enter into the channels including the microchannels and discharge it to the outside.

No. of Pages : 26 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4040/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : COPPER SALTS OF ION EXCHANGE MATERIALS FOR USE IN THE TREATMENT AND PREVENTION OF INFECTIONS□

(51) International classification	:A61K31/74
(31) Priority Document No	:61/258,789
(32) Priority Date	:06/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/055599
Filing Date	:05/11/2010
(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)CAREFUSION 2200 INC.
Address of Applicant :3750 Torrey View Ct. San Diego CA 92130 U.S.A.
(72)**Name of Inventor :**
1)TUFTS Scott A. Jr
2)BARDWELL James
3)BALTEZOR Michael J.

(57) Abstract :

The present invention relates generally to copper salts of ion exchange materials that provide copper ions at levels suitable for use as an anti-infective agent. In certain aspects of the invention copper salts of cellulose derivatives are provided. The copper salts of ion exchange materials may be formed using ether and ester derivatives of cellulose such as carboxymethyl cellulose (CMC) ethylcellulose (EC) methylcellulose (MC) hydroxypropyl cellulose (HPC) hydroxypropyl methyl cellulose (HPMC) hydroxyethyl methyl cellulose (HEMC) cellulose acetate and cellulose triacetate. The present invention also relates to wound dressings having copper salts of ion exchange materials incorporated therein. The copper salts of ion exchange materials may produce an equilibrium of copper ions in a wound at a level that is therapeutically-effective for preventing infection.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4175/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : PROCESS FOR ADENOVIRUS PURIFICATION FROM HIGH CELL DENSITY CULTURES

(51) International classification :C12N7/02
(31) Priority Document No :61/279,060
(32) Priority Date :15/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/065436
Filing Date :14/10/2010
(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)CRUCCELL HOLLAND B.V.
Address of Applicant :Archimedesweg 4 NL-2333 CN
Leiden The NETHERLANDS
(72)**Name of Inventor :**
1)DE VOCHT Marcel Leo
2)VEENSTRA Marloes

(57) Abstract :

The invention provides methods for large-scale adenovirus purification from high cell density suspensions using host cell DNA fragmentation and/or precipitation followed by a clarification step with tangential flow filtration.

No. of Pages : 30 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4308/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : CELLOBIOHYDROLASE VARIANTS AND POLYNUCLEOTIDES ENCODING SAME

(51) International classification	:C12N9/42
(31) Priority Document No	:61/254,408
(32) Priority Date	:23/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/053338
Filing Date	:20/10/2010
(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)NOVOZYMES INC.
Address of Applicant :1445 Drew Avenue Davis California
95618 United States of America
(72)**Name of Inventor :**
1)WOGULIS Mark

(57) Abstract :

The present invention relates to variants of a parent cellobiohydrolase II. The present invention also relates to polynucleotides encoding the variants; nucleic acid constructs vectors and host cells comprising the polynucleotides; and methods of using the variants.

No. of Pages : 292 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4309/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHODS SYSTEMS AND COMPUTER READABLE MEDIA FOR PROVIDING DIAMETER SIGNALING ROUTER WITH INTEGRATED MONITORING AND/OR FIREWALL FUNCTIONALITY

(51) International classification :H04L12/28

(31) Priority Document No :61/252,557

(32) Priority Date :16/10/2009

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

(86) International Application No :PCT/US2010/053062

Filing Date :18/10/2010

(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)Tekelec

Address of Applicant :5200 Paramount Parkway Morrisville
NC 27560 USA.

(72)Name of Inventor :

1)MARSICO Peter Joseph

2)MCCANN Thomas M.

(57) Abstract :

According to one aspect the subject matter described herein includes a system for a Diameter signaling router with monitoring functionality. The system includes a Diameter signaling router comprising a network interface for receiving from a first Diameter node a first Diameter message having Diameter information. The system also includes an integrated monitoring module located within the Diameter signaling router for copying at least a portion of the first Diameter message and providing the copied information associated with the first Diameter message to an application.

No. of Pages : 67 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3943/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : DEVICE ABSTRACTION PROXY

(51) International classification	:H04L12/24
(31) Priority Document No	:61/257,402
(32) Priority Date	:02/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/055173
Filing Date	:02/11/2010
(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)ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT INC.
Address of Applicant :333 Twin Dolphin Drive Redwood City CA 94065 United States of America
(72)**Name of Inventor :**
1)MARC GOLDBURG
2)PHILIP BEDNARZ

(57) Abstract :

Described are systems and methods for implementing and operating a Device Abstraction Proxy (DAP). In one embodiment the DAP includes a communications interface to connect the DAP to one or more access aggregation devices each having a plurality of physical ports to provide Digital Subscriber Line (DSL) communication services to a plurality of remote DSL terminals via the plurality of physical ports. The DAP may further include a memory and processor to execute a virtual access aggregation device in which a subset of the plurality of physical ports are allocated and linked to corresponding logical ports. The DAP may further include a global rule-set module to define operational constraints for the DSL communication services and a management interface to allow at least one broadband access management system to manage the subset of physical ports allocated to the virtual access aggregation device subject to the operational constraints.

No. of Pages : 53 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3944/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : CATION EXCHANGE MEMBRANE ELECTROLYSIS VESSEL USING THE SAME AND METHOD FOR PRODUCING CATION EXCHANGE MEMBRANE□

(51) International classification	:B01J47/12
(31) Priority Document No	:2009-245869
(32) Priority Date	:26/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/068855
Filing Date	:25/10/2010
(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)ASAHI KASEI CHEMICALS CORPORATION
Address of Applicant :1-105 Kanda Jinbocho Chiyoda-ku
Tokyo 101-8101 Japan
(72)**Name of Inventor :**
1)KAMEYAMA Hiroyuki
2)SUGIMOTO Manabu
3)KADO Yoshifumi

(57) Abstract :

Provided is a cation exchange membrane having excellent mechanical strength against folding and the like and capable of delivering stable electrolytic performance for a long time, an electrolysis vessel using the cation exchange membrane and a method for producing the cation exchange membrane. A cation exchange membrane 1 at least includes: a membrane body containing a fluorine-based polymer having an ion-exchange group; and two or more reinforcing core materials arranged approximately in parallel within the membrane body. The membrane body is provided with two or more elution holes 12 formed between the reinforcing core materials 10 adjacent to each other. In addition, assuming that a distance between the reinforcing core materials 10 adjacent to each other is represented by a, a distance between the reinforcing core materials 10 and the elution holes 12 adjacent to each other is represented by b, a distance between the elution holes 12 adjacent to each other is represented by c, and the number of the elution holes 12 formed between the reinforcing core materials 10 adjacent to each other is represented by n, then a, b, c, and n satisfying the relationship represented by the following expression (1) or expression (2) are at least present. $b > a/(n+1) \dots (1)$ $c > a/(n+1) \dots (2)$

No. of Pages : 92 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4333/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD MOBILE TERMINAL SERVICE PLATFORM AND SYSTEM FOR IMPLEMENTING DEBIT CARD SERVICE

(51) International classification	:H04W4/16
(31) Priority Document No	:200910222639.3
(32) Priority Date	:23/11/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/072591
Filing Date	:11/05/2010
(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)Fang XIE
2)Jianjun YANG
3)Sanping ZHANG
4)Xuefeng GUO

(57) Abstract :

A method and system for implementing debit card service based on callback. The method is applied to a mobile terminal set with an automatic dialing function unit, automatic dialing function of the automatic dialing function unit is activated, and a number corresponding to the mobile terminal is bound with one debit card. The method includes the following steps: a preset callback access number is dialed before the called number by the automatic dialing function unit in the mobile terminal to connect the call to a debit card service platform when the mobile terminal calls the called number; the debit card service platform releases the call and calls back the mobile terminal; the called number is continued by the debit card service platform after the mobile terminal answers the callback; the debit card service based on callback is implemented. The method and system can support two callback modes, based on the hardware and the software synchronously, to overcome the secondary charging problem in the debit card service and improve the user experience.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4020/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHODS AND DEVICES FOR DETECTING AND MEASURING ENVIRONMENTAL CONDITIONS IN HIGH PERFORMANCE DEVICE PACKAGES

(51) International classification :G01N21/77

(31) Priority Document No :12/613,396

(32) Priority Date :05/11/2009

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

(86) International Application No :PCT/US2010/055015

Filing Date :01/11/2010

(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)QUALCOMM MEMS Technologies Inc.

Address of Applicant :5775 Morehouse Drive San Diego CA

92121 USA.

(72)Name of Inventor :

1)BITA Ion

(57) Abstract :

An environmental condition sensing device (800) includes an interferometric modulator with optical properties which change in response to being exposed to a predetermined environmental threshold or condition. The device includes an environmental reactive layer (804) which alters composition in an optically- detectable manner in response to being exposed to a predetermined environmental threshold or condition.

No. of Pages : 46 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4022/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SWING GATE□

(51) International classification	:E06B11/04
(31) Priority Document No	:2009101060
(32) Priority Date	:20/10/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001332
Filing Date	:11/10/2010
(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)SAFERGATE GROUP PTY LTD
Address of Applicant :7th Floor 300 Queen Street Brisbane
Queensland 4001 Australia.
(72)**Name of Inventor :**
1)EVANS Edward

(57) Abstract :

A swing gate (30) enables safe locking and unlocking of the gate (30) in the face of a beast (24) captured between rails (36 38). The gate (30) has a pivot end (32) connected to the rail (36) by hinges (40) and a distal end (34) remote from the pivot end (32). The gate (30) includes a centre hinge (42) between the pivot end (32) and the distal end (34). The centre hinge (42) effectively divides the gate (30) into two sections namely a primary section (44) between the pivot end (32) and the centre hinge (42) and a safety section (46) between the centre hinge (42) and the distal end (34). When the beast (24) attacks the gate (30) the primary section (44) can swing open while the safety section (46) folds away to protect an operator (22).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4024/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : PHOTOPROTECTIVE COMPOSITION BASED ON A 2- ALKOXY-4-ALKYL KETONE PHENOL COMPOUND; USE OF SAID COMPOUND FOR INCREASING THE SUN PROTECTION FACTOR

(51) International classification	:A61K8/35
(31) Priority Document No	:0957016
(32) Priority Date	:08/10/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/064596
Filing Date	:30/09/2010
(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)LTMOREAL

Address of Applicant :14 rue Royale F-75008 Paris (FR)

France

(72)Name of Inventor :

1)MARION Catherine

2)LEREBOUR Graldine

(57) Abstract :

The present invention relates to a fluid composition intended for protecting the skin and/or hair against ultraviolet radiation characterized by the fact that it comprises in a cosmetically acceptable aqueous support at least: (a) one photoprotective system capable of screening out UV radiation; and (b) one 2-alkoxy-4-alkyl ketone phenol compound. The present invention also relates to the use of a 2-alkoxy-4-alkyl ketone phenol compound in a composition comprising in a cosmetically acceptable medium at least one photoprotective system capable of screening out UV radiation.

No. of Pages : 47 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4348/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : VEGETARIAN SEASONING JUICE AND PREPARATION METHOD THEREOF

(51) International classification	:A23L1/22	(71)Name of Applicant :
(31) Priority Document No	:200910207052.5	1)Angel Yeast Co. Ltd
(32) Priority Date	:27/10/2009	Address of Applicant :No.168 Chengdong Avenue Yichang
(33) Name of priority country	:China	China-443003. China
(86) International Application No	:PCT/CN2010/077667	(72)Name of Inventor :
Filing Date	:12/10/2010	1)Xuefeng YU
(87) International Publication No	: NA	2)Zhihong LI
(61) Patent of Addition to Application	:NA	3)Minghua YU
Number	:NA	4)Juan YAO
Filing Date	:NA	5)Zhengfang LIU
(62) Divisional to Application Number	:NA	6)Pei LI
Filing Date	:NA	7)Guanqun TANG

(57) Abstract :

A vegetarian seasoning juice and preparation method thereof the material of the seasoning juice comprises yeast extract hydrolyzed vegetable protein xylose vitamin B1 spinage powder onion extract and lentinus edodes extract.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4349/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : CORRUGATED PIPE SEALING ASSEMBLY AND CORRUGATED PIPE VALVE HAVING THE SAME

(51) International classification	:F16K41/10
(31) Priority Document No	:201010218706.7
(32) Priority Date	:05/04/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/076619
Filing Date	:30/06/2011
(87) 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)Zhejiang Wanlong Machinery Co. Ltd
Address of Applicant :127 Hongxing Road Qiaonan
Xiaoshan District Hangzhou China-311215 China
(72)**Name of Inventor :**
1)Xingyan CHENG

(57) Abstract :

A corrugated pipe sealing assembly and a corrugated pipe valve having the corrugated pipe sealing assembly are disclosed. The corrugated pipe sealing assembly comprises an inner corrugated pipe (3), an outer corrugated pipe (4), an upper corrugated header (5), a first lower corrugated header (2) and a second lower corrugated header (1). One end of the inner corrugated pipe (3) is fixed with the upper corrugated header (5), while the other end is fixed with the second lower corrugated header (1). One end of the outer corrugated pipe (3) is fixed with the upper corrugated header (5), while the other end is fixed with the first lower corrugated header (2). The outer corrugated pipe (4) is sleeved outside the inner corrugated pipe (3). The corrugated pipe sealing assembly and the corrugated pipe valve have the advantages of rational structure design, saving material cost, shortening the length of the whole valve, and shortening the stroke of the valve switch, and are comparatively favorable for places with height limits.

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

(54) Title of the invention : PLANTS WITH INCREASED YIELD□

(51) International classification :C12N15/82
 (31) Priority Document No :09176253.4
 (32) Priority Date :17/11/2009
 (33) Name of priority country :EPO
 (86) International Application No :PCT/IB2010/055028
 Filing Date :05/11/2010
 (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)BASF PLANT SCIENCE COMPANY GMBH
 Address of Applicant :67056 Ludwigshafen Germany
 (72)Name of Inventor :
1)SCH-N Hardy
2)THIMM Oliver
3)RITTE Gerhard
4)BL,,SING Oliver
5)HENKES Stefan
6)BRUYNSEELS Koen
7)HATZFELD Yves
8)FRANKARD Valerie
9)SANZ MOLINERO Ana Isabel
10)REUZEAU Christophe
11)VANDENABEELE Steven
12)MCKERSIE Bryan
13)KRISHNA Kolliparra
14)DAMMANN Christian

(57) Abstract :

A method for producing a plant with increased yield as compared to a corresponding wild type plant whereby the method comprises at least the following step: increasing or generating in a plant or a part thereof one or more activities of a polypeptide selected from the group consisting of 2-oxoglutarate-dependent dioxygenase, 3-ketoacyl-CoA thiolase, 3-phosphoadenosine 5-phosphate phosphatase, 4-diphosphocytidyl-2-C-methyl-D-erythritol kinase, 5OS chloroplast ribosomal protein L21, 57972199. R01.1 -protein, 60952769. R01.1 - protein, 60S ribosomal protein, ABC transporter family protein, AP2 domain-containing transcription factor, argonaute protein, AT1 G29250.1 -protein, AT1 G53885-protein, AT2G35300-protein, AT3G04620-protein, AT4G01870-protein, AT5G42380-protein, AT5G47440-protein, CDS5394-protein, CDS5401_TRUNCATED-protein, cold response protein, cullin, Cytochrome P450, delta-8 sphingolipid desaturase, galactinol synthase, glutathione-S-transferase, GTPase, haspin-related protein, heat shock protein, heat shock transcription factor, histone H2B, jasmonate-zim-domain protein, mitochondrial asparaginyl- tRNA synthetase, Oligosaccharyltransferase, OS02G44730-protein, Oxygen-evolving enhancer protein, peptidyl-prolyl cis-trans isomerase, peptidyl-prolyl cis-trans isomerase family protein, plastid lipid-associated protein, Polypyrimidine tract binding protein, PRLI- interacting factor, protein kinase, protein kinase family protein, rubisco subunit binding- protein beta subunit, serine acetyltransferase, serine hydroxymethyltransferase, small heat shock protein, S-ribosylhomocysteinase, sugar transporter, Thioredoxin H-type, ubiquitin-conjugating enzyme, ubiquitin-protein ligase, universal stress protein family protein, and Vacuolar protein.

No. of Pages : 330 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4088/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD FOR PRODUCING POLYESTERS AND CO-POLYESTERS FROM LACTONES

(51) International classification :C08G63/82
(31) Priority Document No :102009045664.3
(32) Priority Date :14/10/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/061755
Filing Date :12/08/2010
(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)Evonik Degussa GmbH
Address of Applicant :Rellinghauser Strasse 1-11 45128
Essen Germany
(72)Name of Inventor :
1)SPYROU Emmanouil
2)SCHMIDT Friedrich Georg
3)KREISCHER Susanne
4)V-CKER Andrea
5)GOLLAN Elke
6)RITTER Helmut
7)ZHOU Jiawen

(57) Abstract :

The invention relates to a method for producing polyesters and co-polyesters from lactones

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4089/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : ELECTRIC BATTERY FOR VEHICLES

(51) International classification	:H01M10/42
(31) Priority Document No	:MO2009A000250
(32) Priority Date	:15/10/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/002366
Filing Date	:22/09/2010
(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)META SYSTEM S.p.A.
Address of Applicant :Via Majakovskij 10/bcde I-42124
Reggio Emilia Italy
(72)**Name of Inventor :**
1)SIMONAZZI Giuseppe

(57) Abstract :

The electric battery for vehicles comprises accumulation means of electric charge connectable to the power supply line of a vehicle and electronic processing means suitable for managing and/or controlling the use and the state of the battery.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4354/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : WIND POWER TURBINE FOR GENERATING ELECTRIC ENERGY□

(51) International classification :F03D9/00
(31) Priority Document No :MI2009A002060
(32) Priority Date :23/11/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2010/068066
Filing Date :23/11/2010
(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)WILIC S.AR.L.
Address of Applicant :41 Boulevard du Prince Henry L-1724
Luxembourg
(72)**Name of Inventor :**
1)CASAZZA Matteo

(57) Abstract :

A wind power turbine for generating electric energy has a supporting structure (2); a nacelle (3); a blade assembly (5) rotating with respect to the nacelle (3); a first and second electric machine (9 13) having respectively a first and second stator (10 14) and a first and second rotor (11 15) substantially coaxial with each other and fitted to the first and second stator (10 14) to rotate about a first and second axis (A1 A2); and a transmission assembly (17; 48; 71) for connecting the first and second rotor (11 15); the transmission assembly (17; 48; 71) being deformable.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4355/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SELECTIVE WIRELESS POWER TRANSFER

(51) International classification :H02J17/00
(31) Priority Document No :61/262,119
(32) Priority Date :17/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/057122
Filing Date :17/11/2010
(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)QUALCOMM INCORPORATED
Address of Applicant :International IP Administration 5775
Morehouse Drive San Diego California 92121-1714 U.S.A.
(72)**Name of Inventor :**
1)JEREMY D. DUNWORTH
2)ROGER WAYNE MARTIN
3)MARYBETH SELBY
4)DAVID MALDONADO
5)KHALED HELMI EL-MALEH
6)YAIR KARMI

(57) Abstract :

Exemplary embodiments are directed to selective wireless power transfer. A method may include transferring wireless power to at least one electronic device while varying at least one parameter of the wireless power transfer according to a wireless power transfer scenario.

No. of Pages : 33 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4105/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD FOR ESTIMATING VELOCITIES AND/OR DISPLACEMENTS FROM ACCELEROMETER MEASUREMENT SAMPLES

(51) International classification	:G08B21/04
(31) Priority Document No	:200910226557.6
(32) Priority Date	:25/11/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/IB2010/055319
Filing Date	:22/11/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)BAGGEN Constant Paul Marie Jozef
2)CHEN Ningjiang

(57) Abstract :

There is provided a fall detector for use in detecting falls by a user, the fall detector comprising an accelerometer for producing a time series of measurement samples representing the acceleration acting on the fall detector; a processor for estimating a vertical velocity and/or vertical displacement of the fall detector from the measurement samples and using the estimated vertical velocity and/or vertical displacement to determine whether the user has suffered a fall; wherein the processor is configured to estimate a vertical velocity and/or vertical displacement of the fall detector from the measurement samples by estimating a corresponding time series of unit vectors representing acceleration due to gravity in the reference frame of the accelerometer from the time series of measurement samples; projecting each measurement sample onto the corresponding unit vector and subtracting acceleration due to gravity to give a series of estimates for the vertical acceleration of the fall detector; and integrating the series of estimates for the vertical acceleration over a time period to give a time series of values for the vertical velocity and/or vertical displacement of the fall detector.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4390/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : PORTABLE COMPUTER HAVING MULTIPLE EMBEDDED AUDIO CONTROLLERS

(51) International classification :G06F3/16
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2010/022608
Filing Date :29/01/2010
(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)HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.
Address of Applicant :11445 Compaq Center Drive W.
Houston Texas U.S.A.
(72)**Name of Inventor :**
1)DAVID GOUGH

(57) Abstract :

Embodiments in accordance with the present invention provide two audio controllers embedded in a portable computer. According to one embodiment a first audio controller 220 and a second audio controller 225 are coupled to a processor 230 and embedded in a portable computer 200. The first audio controller and second audio controller are configured to be used simultaneously such that a user is capable of previewing a first audio stream output from either the first audio controller or second controller while a second audio stream is being output externally from the either the first audio controller or the second audio controller.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4391/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : STAIN-BLOCKING AQUEOUS COATING COMPOSITION□

(51) International classification :C09D133/06
(31) Priority Document No :09179692.0
(32) Priority Date :17/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/069571
Filing Date :14/12/2010
(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)AKZO NOBEL COATINGS INTERNATIONAL B.V.
Address of Applicant :Velperweg 76 NL-6824 BM Arnhem
The NETHERLANDS
(72)**Name of Inventor :**
1)JUNGEN Alice
2)SCHULZ Jrg R¹/₄diger
3)BERNHOFER Thomas

(57) Abstract :

A stain blocking water borne coating composition is disclosed said composition comprising (a) a styrene acrylic resin and (b) a substituted styrene acrylate copolymer wherein by weight said styrene acrylic resin is provided in excess of said substituted styrene acrylate copolymer. A method is also disclosed whereby this water-borne coating composition is applied to a substrate comprising water extractable staining agents such as a tannin-containing open grain natural wood.

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4392/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : MAGNESIUM ALLOY COIL STOCK

(51) International classification :B21B3/00
(31) Priority Document No :2009-266069
(32) Priority Date :24/11/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/070818
Filing Date :22/11/2010
(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)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)KITAMURA Takahiko
2)INOUE Ryuichi
3)MORI Nobuyuki
4)OISHI Yukihiro
5)MIZUNO Osamu
6)KAWABE Nozomu

(57) Abstract :

There are provided a magnesium alloy coil stock having good flatness and a method for producing the magnesium alloy coil stock, and a magnesium alloy structural member that uses the coil stock and a method for producing the magnesium alloy structural member. The coil stock is obtained by coiling a sheet composed of a magnesium alloy in a cylindrical shape, and the internal diameter of the coil stock is 1000 mm or less. When a test piece 1 for warpage amount obtained by cutting the coil stock is placed on a horizontal table 100, the ratio of the maximum distance h in a vertical direction regarding a gap 110 between the test piece 1 and the horizontal table 100 relative to the width w of the test piece 1 is 0.5% or less. The coil stock can be produced by rolling a cast material obtained by subjecting a magnesium alloy to continuous casting, subjecting the rolled sheet to warm leveling, and coiling the worked sheet in a cylindrical shape while the temperature just before coiling is decreased to 100°C or less. By sufficiently decreasing the temperature just before coiling, there is provided a coiled sheet with good flatness in which warpage in the width direction is not easily formed even if the number of turns is large and curling is not easily formed even if the coiling diameter is small.

No. of Pages : 44 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4114/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : MULTI-SCREEN IMAGE DISPLAY

(51) International classification	:G06F3/14
(31) Priority Document No	:61/259,329
(32) Priority Date	:09/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/056040
Filing Date	:09/11/2010
(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)QUALCOMM INCORPORATED

Address of Applicant :International IP Administration 5775
Morehouse Drive San Diego California 92121-1714 U.S.A.

(72)Name of Inventor :

1)JUDIT MARTINEZ BAUZA

2)THOMAS E. KILPATRICK II

3)STEN JORGEN LUDVIG DAHL

(57) Abstract :

Techniques are described for displaying information over multiple display panels. The appearance of multiple points-of-view may be used to display information that would not be displayed because the information corresponds to a gap between the display panels. The appearance of multiple points-of-view may be provided such that information not displayed in one point-of-view is displayed. in another point-of-view.

No. of Pages : 41 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4115/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : REFERENCE SIGNALING FOR A HIGH-MOBILITY WIRELESS COMMUNICATION DEVICE

(51) International classification :H04B7/02
(31) Priority Document No :61/259,561
(32) Priority Date :09/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/056008
Filing Date :09/11/2010
(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)QUALCOMM INCORPORATED
Address of Applicant :International IP Administration 5775
Morehouse Drive San Diego California 92121-1714 U.S.A.
(72)Name of Inventor :
1)WANSHI CHEN
2)TAO LUO
3)JUAN MONTOJO
4)XIAOXIA ZHANG

(57) Abstract :

A base station for enabling communication with a high-mobility wireless communication device is described. The base station includes a processor and instructions stored in memory. The base station identifies a high-mobility wireless communication device and sends a reference signal configuration. The base station also allocates an additional specific reference signal and sends the additional specific reference signal to the highmobility wireless communication device.

No. of Pages : 69 No. of Claims : 78

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4116/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SECURE KERBERIZED ACCESS OF ENCRYPTED FILE SYSTEM

(51) International classification :H04L29/06

(31) Priority Document No :12/643,943

(32) Priority Date :21/12/2009

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

(86) International Application No :PCT/EP2010/069643

Filing Date :14/12/2010

(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)INTERNATIONAL BUSINESS MACHINES CORPORATION

Address of Applicant :New Orchard Road Armonk New York 10504 U.S.A.

(72)Name of Inventor :

1)SHANKAR RAVI

2)BANERJEE DWIP

3)PUNADIKAR SACHIN CHANDRAKANT

4)PATIL SANDEEP RAMESH

(57) Abstract :

A file server receives a request from a client to mount an encrypted file system. The file server informs the client that the requested file system is encrypted and in turn receives a session ticket from the client that includes a security protocol mounting selection. The file server decrypts the clientTMs userTMs encrypted private key and then decrypts the requested encrypted file system using the private key. In turn the file server sends the decrypted file system to the client over a secure channel which is based upon the security protocol mounting selection. In one embodiment a key distribution center server receives a request from the client for the clientTMs user to access the encrypted file system at the file server. The key distribution center server retrieves an intermediate key; includes the intermediate key in a session ticket; and sends the session ticket to the client.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4397/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : WIRELESS COMMUNICATION METHOD BASED ON PROXY REDUNDANCY

(51) International classification :H04W40/02
(31) Priority Document No :09306201.6
(32) Priority Date :09/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/055501
Filing Date :30/11/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)Name of Inventor :
1)ERDMANN Bozena
2)TOLHUIZEN Ludovicus Marinus Gerardus Maria
3)YUAN Wei

(57) Abstract :

A method for wireless communication in a network comprising a resource-restricted device (ZGPD) at least two proxy devices (ZP1 ZP2) and at least one destination device (DD) wherein the method comprises the following steps: - the resource-restricted device transmitting a frame to be forwarded to a destination device in the network said frame containing a unique source identifier of the resource-restricted device - at least one proxy device receiving the frame and identifying the frame as originating from a resource-restricted device - the proxy device determining the unique source identifier and deriving a group identifier as a known function of the unique source identifier the group identifier designating a group of devices in the network or a source address - the proxy constructing from the frame an appropriate packet to be forwarded - the proxy forwarding the packet by taking into account the group identifier. .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4398/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : COMBINATION OF ULTRASOUND AND X-RAY SYSTEMS

(51) International classification :A61B8/00
(31) Priority Document No :09306203.2
(32) Priority Date :09/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/055494
Filing Date :30/11/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)Name of Inventor :
1)GOGIN Nicolas P. B.
2)FLORENT Raoul
3)CATHIER Pascal Y. F.

(57) Abstract :

The invention proposes to detect and track an intervention device in a 2D fluoroscopy image and to steer an ultrasound probe beam towards this device. Therefore a method and corresponding system is proposed by which an ultrasound probe is registered in a fluoroscopy image wherein the registering includes the estimation of the position and of the orientation of the probe relative to the fluoroscopy.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4254/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : CODING OF MULTI-CHANNEL SIGNALS

(51) International classification :G10L19/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2009/064380

Filing Date :30/10/2009

(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)NOKIA CORPORATION

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
Finland

(72)Name of Inventor :

1)Juha Petteri Ojanpera

(57) Abstract :

A system comprises: first and second base stations; and a plurality of relay nodes, each of said relay nodes connected to the first base station, each of said relay nodes being connected to at least one other relay node, whereby at least one relay node is configured to at least one of receive and send information for another of said relays nodes; wherein when at least one of the plurality of relay nodes is handed over to a second base station the at least one relay node is configured to receive and / or send information via another of the relay nodes connected to the first base station.

No. of Pages : 104 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4255/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHODS AND APPARATUS FOR ENABLING DISTRIBUTED BEACON TRANSMISSIONS

(51) International classification :H04W48/12

(31) Priority Document No :61/263,241

(32) Priority Date :20/11/2009

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

(86) International Application No :PCT/US2010/057329

Filing Date :19/11/2010

(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)QUALCOMM Incorporated

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714 USA.

(72)Name of Inventor :

1)JAIN Avinash

2)SAMPATH Hemanth

3)TAGHAVI NASRABADI Mohammad Hossein

4)ABRAHAM Santosh Paul

(57) Abstract :

A method to support distributed beacon transmission in a directional communication network is provided. The method may comprise receiving by a second apparatus a first reference signal from a first apparatus (202) wherein the first reference signal comprises network shared information associated with a first network and specific information associated with the first apparatus generating a second reference signal by updating the network shared information in the first reference signal to include specific information associated with second apparatus (204) and transmitting the second reference signal at a defined time (206) wherein the defined time is selected to minimize any interference associated with a subsequent transmission of the first reference signal by the first apparatus.

No. of Pages : 52 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4257/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : VIRTUAL STORAGE MIGRATION METHOD VIRTUAL STORAGE MIGRATION SYSTEM AND VIRTUAL MACHINE MONITOR

(51) International classification	:G06F9/46
(31) Priority Document No	:201010578913.3
(32) Priority Date	:29/11/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/074189
Filing Date	:17/05/2011
(87) 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 Technologies Co. Ltd.
Address of Applicant :Huawei Administration Building
Bantian Longgang District Shenzhen Guangdong 518129 P.R.
China.
(72)**Name of Inventor :**
1)WANG Zhikun
2)YANG Xiaowei
3)WANG Feng
4)XU Jianhui

(57) Abstract :

A virtual storage migration method, a virtual storage migration system and a virtual machine monitor (VMM) are provided. The method includes: starting a data migration process, and copying, from a source storage device to a destination storage device, a data block in a virtual disk to be migrated; when a VM front-end I/O read request is received, directly reading corresponding data from the source storage device; when a VM front-end I/O write request is received, determining whether a migration data block that corresponds to the write request is being migrated, if the migration data block that corresponds to the write request is being migrated, executing a write operation that corresponds to the write request after the migration of the migration data block is completed, if the migration data block that corresponds to the write request is not being migrated, executing a write operation that corresponds to the write request; and after all the data blocks in the virtual disk to be migrated are copied to the destination storage device, stopping the data migration, and switching the virtual disk from the source storage device to the destination storage device. Through the virtual storage migration method, the virtual storage migration system and the VMM, the disadvantage of service interruption due to VM suspension is avoided

No. of Pages : 33 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4400/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : VACUUM CLEANER

(51) International classification :A47L9/00
(31) Priority Document No :09178646.7
(32) Priority Date :10/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/055565
Filing Date :03/12/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)Name of Inventor :
1)VAN DER KOOI Johannes Tseard
2)VOORHORST Fokke Roelof
3)DE WIT Bastiaan Johannes
4)BOERSMA Joldert Maria

(57) Abstract :

A vacuum cleaner comprises an air inlet opening an air outlet opening (6) and a rotatable separator (9) for separating air and airborne particles. The separator (9) comprises at least one air entrance opening (109) located between the air inlet opening and the air outlet opening (6). The vacuum cleaner is provided with air-guide means (15) for guiding at least part of the air towards the separator (9). In use the air-guide means (15) provides an at least partially closed boundary in axial direction for a column of rotating air around the separator (9). The minimum distance (Rag) of an edge of the air-guide means (15) to the rotating axis (11) of the separator (9) is larger than a distance (Rs) of the air entrance opening (109) of the separator (9) to the rotating axis (11) of the separator (9).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4261/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : A MULTI-PRIMARY DISPLAY

(51) International classification	:G09G3/20
(31) Priority Document No	:09177608.8
(32) Priority Date	:01/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/055407
Filing Date	:25/11/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)KLOMPENHOUWER Michel Adriaanszoon
2)LANGENDIJK Erno Hermanus Antonius
3)SEVO Aleksandar

(57) Abstract :

A multi-primary display with more than three additive primaries comprises a spatial repetition of a pixel repetition block. The block comprises a first pixel row (1201) of pixels of primaries. Each pixel is divided into a plurality of sub-pixels including at least a higher luminance sub-pixel adjacent to a lower luminance sub-pixel. The first pixel row (1201) forms a first sub-pixel row (1203) and a complementary sub-pixel row (1205) adjacent to each other and comprising complementary sub-pixels. The sub-pixels are arranged such that a difference between a first combined maximum luminance for higher luminance sub-pixels of the first sub-pixel row (1203) and a second combined maximum luminance for higher luminance sub-pixels of the complementary sub-pixel row (1205) is no more than 30% of a sum of the first combined maximum luminance and the second combined luminance. The invention may provide an improved display with e.g. reduced pixel structure visibility.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4262/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ESTIMATING RESPIRATORY IMPEDANCE

(51) International classification :A61B5/08
(31) Priority Document No :09177892.8
(32) Priority Date :03/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/055392
Filing Date :24/11/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)Name of Inventor :
1)VAN DEN AARDWEG Joost Gerard

(57) Abstract :

The acoustic impedance of the respiratory system can be inferred from oscillations that are generated in an airway of a subject. The impedance describes the frequency-dependent relation between the resulting oscillations in flow and pressure. When the impedance varies from inspiration to expiration it has to be estimated with a high time resolution. A method is provided that reliably estimates the impedance in time intervals that are short enough for physiological purposes. A simple version of the uncertainty principle has been derived for discrete time and frequency. A discrete time-frequency transform has been developed that gives an optimal time-frequency resolution according to this principle. The transform is orthonormal which permits an analysis of variance in the discrete time-frequency domain. The impedance follows from bivariate least-squares analysis in the time-frequency domain under the assumption that noise is present in both flow and pressure.

No. of Pages : 71 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4263/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : TRANSPARENT EMISSIVE WINDOW ELEMENT

(51) International classification	:G02B6/00
(31) Priority Document No	:09177884.5
(32) Priority Date	:03/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/055519
Filing Date	:01/12/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)KRIJN Marcellinus Petrus Carolus Michael
2)VAN GHELUWE Jochen Renaat
3)ONAC Gabriel-Eugen
4)HOLTSLAG Antonius Hendricus Maria
5)BERGMAN Anthonie Hendrik

(57) Abstract :

The present invention discloses a transparent emissive window element (100, 700), i.e. a transparent window element capable of emitting light. According to a first aspect of the present invention, the window element (100) comprises a light guide (110) for guiding light emitted from at least one light source (150) by total internal reflection, a glass pane (120) arranged in proximity to the light guide and scattering structures (130) for coupling the light out of the light guide. The scattering structures (130) are sandwiched between the light guide (110) and the glass pane (120) such that spacing areas (140), at which optical contact between the light guide and the glass pane is prevented, are formed between the scattering structures. According to a second aspect of the present invention, the window element (700) comprises at least one light source (750), a glass pane (710) and refracting structures (740) arranged at a surface of the glass pane (710) such that light emitted from the light source is refracted by the refracting structures towards the glass pane and directed out of the window element (700).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4406/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : APPARATUS FOR PHASE-CONTRAST IMAGING COMPRISING A DISPLACEABLE X-RAY DETECTOR ELEMENT AND METHOD

(51) International classification	:A61B6/00
(31) Priority Document No	:09178692.1
(32) Priority Date	:10/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/055571
Filing Date	:03/12/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)ROESSL Ewald
2)ENGEL Klaus Jurgen
3)VOGTMEIER Gereon
4)GELLER Dieter

(57) Abstract :

The present invention relates to X-ray image acquisition technology in general. Employing phase-contrast imaging for X-ray image acquisition may significantly enhance the quality and information content of images acquired. However, phase-contrast information may only be obtainable in a small detector region, possibly being too small for a sufficient field of view for specialized X-ray imaging applications. Accordingly, an apparatus for phase-contrast imaging is provided that may allow the acquisition of an enlarged field of view. According to the present invention an apparatus (1) for phase-contrast imaging is provided, comprising an X-ray source (2), an X-ray detector (12) element having a detector size, a beam splitter grating (8) and an analyzer grating (10). An object (6) is arrangeable between the X-ray source (2) and the X-ray detector (12). The beam splitter grating (8) and the analyzer grating (10) are arrangeable between the X-ray source (2) and the X-ray detector (12). X-ray source (2), the beam splitter grating (8), the analyzer grating (10) and the X-ray detector (12) are operatively coupled such that a phase-contrast image of the object (6) is obtainable. The apparatus (1) is adapted for acquiring a phase-contrast image having a field of view larger than the detector size. The X-ray detector element (12) is displaceable and by the displacement of the X-ray detector (12) a phase-contrast image of the field of view is obtainable.

No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4401/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : AUTOMATED ANNOTATION OF CLINICAL DATA

(51) International classification :G06F19/00
(31) Priority Document No :61/285215
(32) Priority Date :10/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/055240
Filing Date :17/11/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)ENNETT Colleen M.
2)DUTTA Pradyumna

(57) Abstract :

When annotating a patientTMs medical or clinical record, an automated annotation system compares aggregated patient data (e.g., historical vital sign data, lab results, patient admission/discharge/transfer information, etc.) and matches events and/or patterns therein to procedure profiles to determine whether a given procedure is required, in progress, or completed. If the probability of procedure necessity or occurrence is above a predetermined threshold, then system inserts an annotation into the clinical record to mitigate a need for a clinician to manually enter the annotation. Alarm parameters are adjusted to reflect a physiological response to the determined procedure, to reduce false alarm triggers. Additionally or alternatively, triggered advisories may be suppressed from the user interface for a time period during which conditions specified in the procedure profile exist, or for a specific period of time following the procedure. In another embodiment, triggered advisories that occur under the specific conditions identified in a procedure profile may be flagged in the patientTMs medical record with a notification that the suspected procedure is being performed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4402/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : ENHANCEMENTS TO EXECUTABLE GUIDELINE ENGINES

(51) International classification :G06F19/00
(31) Priority Document No :61/285203
(32) Priority Date :10/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/055241
Filing Date :17/11/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)Name of Inventor :
1)VAN ZON Kees
2)LORD William P.

(57) Abstract :

A system and method for loading and displaying a guideline graph based on a first user input receiving a second user input selecting a desired portion of the guideline graph and processing the second user input to load and display a sub-graph including the desired portion of the guideline graph.

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4403/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD AND APPARATUS FOR USING TIME OF FLIGHT INFORMATION TO DETECT AND CORRECT FOR MOTION IN IMAGING SCANS

(51) International classification	:A61B6/03
(31) Priority Document No	:61/285205
(32) Priority Date	:10/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055248
Filing Date	:17/11/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)KOLTHAMMER Jeffrey
2)OLIVIER Patrick
3)MANIAWSKI Piotr J.

(57) Abstract :

In accordance with one aspect of the invention a method and apparatus for utilizing time of flight information to detect motion during a medical imaging acquisition such as a PET imaging acquisition is provided. In accordance with another aspect of the invention a method and apparatus for detecting and correcting for respiratory motion and cardiac motion in medical images such as PET images is provided.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4404/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : MAGNETIC RESONANCE-COMPATIBLE ELECTRICAL DEVICES AND COMPONENTS WITH VIBRATION-RESISTANT RADIO FREQUENCY SHIELDING OR ENCLOSURE

(51) International classification	:A61N1/08
(31) Priority Document No	:61/285204
(32) Priority Date	:10/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055264
Filing Date	:18/11/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)REY Eduardo M.
2)HARWELL Robert A.

(57) Abstract :

An apparatus comprises an electrical device or component (40 42 44) and a radio frequency shield (50 52) arranged to shield the electrical device or component. The apparatus is disposed in a radio frequency (B1) field generated by a magnetic resonance scanner (10) and in time varying magnetic field gradients generated by the magnetic resonance scanner. The radio frequency shield includes an electrically conductive sheet or layer (60 70 80 90 100 110 120) having openings (72 82 92) suppressing time varying magnetic field gradient induced vibration of the radio frequency shield.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4405/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : CALIBRATION OF DIFFERENTIAL PHASE-CONTRAST IMAGING SYSTEMS

(51) International classification :A61B1/00
(31) Priority Document No :09178691.3
(32) Priority Date :10/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/055664
Filing Date :08/12/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)Name of Inventor :
1)VOGTMEIER Gereon
2)ENGEL Klaus Jurgen
3)GELLER Dieter
4)KOEHLER Thomas
5)ROESSL Ewald

(57) Abstract :

The present invention relates to an X-ray imaging system for differential phase-contrast imaging of an object and a method for acquiring information about an object based on differential phase-contrast imaging. In order to improve calibration of differential phase-contrast imaging systems and the alignment of the gratings provided in differential phase-contrast imaging systems, an X-ray imaging system for differential phase contrast imaging of an object is provided that comprises an X-ray emitting arrangement (12) providing at least partially coherent X-ray radiation and an X-ray detection arrangement (16) comprising a phase-shift diffraction grating (28), a phase analyzer grating (30), and an X-ray image detector (32), all arranged along an optical axis (34). For stepping and calibration purposes, the gratings (28, 30) and/or the X-ray emitting arrangement (12) are provided with at least two actuators (40) arranged opposite to each other with reference to the optical axis (34). For calibration, calibration projections are acquired without an object, wherein, during the first plurality of calibration projections, the emitted X-ray radiation (12) or one of the gratings (28, 20) is stepwise displaced with a calibration displacement value. For examination, measurement projections are acquired with an object, wherein the emitted X-ray radiation or one of the gratings is stepwise displaced with a measurement increment during the second plurality of measurement projections. Further, a calibration projection is associated to each of the measurement projections by registering the latter with the calibration projections.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4435/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : MULTIAXIAL STACK RIGIDLY CONNECTED BY MEANS OF WELD POINTS APPLIED BY MEANS OF INSERTED THERMOPLASTIC WEBS

(51) International classification	:D04H13/00
(31) Priority Document No	:0957452
(32) Priority Date	:23/10/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/052248
Filing Date	:21/10/2010
(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)HEXCEL REINFORCEMENTS
Address of Applicant :ZI La Plaine F-01120 Dagneux France
(72)**Name of Inventor :**
1)BERAUD Jean-Marc
2)THIEL Jean-Benoît

(57) Abstract :

The present invention relates to a stack of fibrous materials including at least two unidirectional carbon fibre layers each extending in different directions wherein each one of the unidirectional layers is connected by means of at least one of the surfaces thereof to an adjacent web of thermoplastic fibres at least one web being inserted between two consecutive unidirectional layers characterised in that the link between each unidirectional layer and each adjacent web is provided by the web by weld points which produce an intermittent overall weld and in that said weld points also guarantee the cohesion of the stack as well as the method for manufacturing same

No. of Pages : 35 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4436/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : A SURFACE TREATING AGENT CONTAINING A FILM FORMING RESIN COMPOSITION AS WELL AS FILLERS AND USE THEREOF

(51) International classification :C09D7/12
(31) Priority Document No :PA 2009 01148
(32) Priority Date :23/10/2009
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2010/000141
Filing Date :22/10/2010
(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)Ulmadan-R.D. ApS

Address of Applicant :Vestergade 21 5300 Kerteminde
Denmark

2)HOMAG HOLZBEARBEITUNGSSYSTEME AG

(72)Name of Inventor :

1)LAURSEN Uffe

(57) Abstract :

A surface treating agent (8) containing a film forming resin composition (2) and a filler (3) said filler comprising a particulate material selected from inorganic acids chalk (CaCO₃) glass plastics wood flour or combinations thereof. The filler (3) has a particle size of below 400 µm. The surface treating agent (8) is used particularly for application to faces and/or edges of plate-shaped elements (4) of solid wood laminated wood-based products such as veneer boards and chip-boards MDF boards and board of mineral wool and plaster

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4437/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : APPARATUS AND METHOD FOR FACILITATING A HYDROSTATIC PRESSURE INCREASE IN A FLUID FLOWING IN A PIPE

(51) International classification	:F03B17/06
(31) Priority Document No	:20093227
(32) Priority Date	:27/10/2009
(33) Name of priority country	:Norway
(86) International Application No	:PCT/NO2010/000378
Filing Date	:22/10/2010
(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)ENERGREEN AS

Address of Applicant :...lgrdsveien 170 N-4325 Sandnes

Norway

(72)Name of Inventor :

1)MELHUS Trond

(57) Abstract :

There is described an apparatus (1) and a method to facilitate a hydrostatic pressure increase in a fluid flowing in a first pipe (22) where the hydrostatic pressure increase is provided by means of a pumping device (3) being supplied with energy the apparatus including:- an energy harvester (5) arranged to be able to draw a portion of an energy carried by a fluid flowing in a second pipe (28); and - a mechanical or hydraulic energy transfer device (9 60) arranged to be able to transfer a portion of the energy absorbed by the energy harvester (5) to the pumping device (3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4438/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD OF DETECTING PANCREATIC CANCER

(51) International classification :G01N33/574
(31) Priority Document No :2010-011447
(32) Priority Date :21/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/050621
Filing Date :17/01/2011
(87) 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)J-OIL MILLS INC.

Address of Applicant :8-1 Akashi-cho Chuo-ku Tokyo
1040044 Japan

(72)Name of Inventor :

1)KOBAYASHI YUKA

2)KUSAMA KEN

3)KAMEI MASUGU

(57) Abstract :

To provide a method of accurately detecting pathological haptoglobin using a lectin having strong affinity and high specificity for fucose. The method of the present disclosure for detecting pancreatic cancer is characterized in that a fucose a16 specific lectin is allowed to act on pathological haptoglobin contained in a sample obtained from a living body said lectin: (1) being extracted from basidiomycetes (2) having a molecular weight of 4 000 to 40 000 as determined by the SDS polyacrylamide gel electrophoresis and (3) having affinity for a fucose a16 sugar chain with a binding constant of 1.0 — 104 M-1 or more at 25°C.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4439/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : ANGIOGENIN EXPRESSION IN PLANTS□

(51) International classification :A01H4/00
(31) Priority Document No :2009905627
(32) Priority Date :18/11/2009
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2010/001543
Filing Date :18/11/2010
(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)AGRICULTURE VICTORIA SERVICES PTY LTD
Address of Applicant :475 Mickleham Road Attwood Victoria
3049 Australia
(72)Name of Inventor :
1)MOURADOV Aidyn
2)COCKS Benjamin Graeme
3)MCDONAGH Matthew
4)WANG Jianghui
5)KNIGHT Matthew
6)SPANGENBERG German

(57) Abstract :

The present invention relates to plant-produced angiogenins to related plant cells plant calli plants seeds and other plant parts and products derived therefrom and to uses of plant-produced angiogenins. The present invention also relates to expression of angiogenin genes in plants and to related nucleic acids constructs and methods.

No. of Pages : 122 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4297/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : POLYIMIDE PRECURSOR AND PHOTSENSITIVE RESIN COMPOSITION CONTAINING THE POLYIMIDE PRECURSOR□

(51) International classification	:C08G73/10
(31) Priority Document No	:2009-261102
(32) Priority Date	:16/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/070306
Filing Date	:15/11/2010
(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)ASAHI KASEI E-MATERIALS CORPORATION
Address of Applicant :1-105 Kanda Jinbocho Chiyoda-ku
Tokyo 101-8101 Japan
(72)Name of Inventor :
1)YAMAZAKI Osamu
2)SHIMIZU Takeki
3)ARIHISA Shinji
4)KATO Akihiro

(57) Abstract :

To provide a polyimide precursor suitable as a coverlay of a flexible printed circuitboard (FPC) such that the photosensitive layer does not crack when the film is made and bent, the development property is excellent and warps are few in the cured FPC when the film is used in the FPC, photosensitive resin composition containing the polyimide precursor, photosensitive film using the photosensitive resin composition, board obtained by using the photosensitive film, and laminate thereof, a polyimide precursor of the invention is characterized by having the polyimide structure expressed by following general formula (1) containing diamine expressed by following general formula (5) and the polyamic acid structure expressed by following general formula (2) containing tetracarboxylic dianhydride of following general formula (3) and following general formula (4) each as a repeating unit. [Chemistry 1] (In formula (1) to formula (5) , each of R1 to R17 represents a hydrogen atom or a predetermined organic group, X represents a predetermined substituent group, Y represents a predetermined organic group, and each of a, m, n and p represents a predetermined integer.)

No. of Pages : 112 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4298/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : PROCESSING METHOD SYSTEM AND USER EQUIPMENT OF MULTIMEDIA BROADCAST MULTICAST SERVICE (MBMS) SERVICE

(51) International classification	:H04W4/06
(31) Priority Document No	:201010220740.8
(32) Priority Date	:24/06/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/075805
Filing Date	:16/06/2011
(87) 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)Wei GOU
2)Dongmei LI
3)Wendong YANG

(57) Abstract :

The present invention discloses a method and system for processing a multimedia broadcast and multicast service and a user equipment wherein the method includes: a user equipment (UE) receiving a multimedia broadcast and multicast service (MBMS) service issued by the network side (101) and the UE actively or passively reporting receiving state information about the MBMS service to the network side (102). The present invention can enable the network side to learn the receiving condition of the MBMS service by the user equipment and can manage the user equipment according to the receiving state information about the MBMS service reported by the UE.

No. of Pages : 30 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/05/2012

(21) Application No.4446/CHENP/2012 A

(43) Publication Date : 30/08/2013

(54) Title of the invention : PROPANE-1-SULFONIC ACID {3-[5-(4-CHLORO-PHENYL)-1H-PYRROLO[2 3-B]PYRIDINE-3-CARBONYL]-2 4-DIFLUORO-PHENYL}-AMIDE COMPOSITIONS AND USES THEREOF

(51) International classification :C07D471/04

(31) Priority Document No :09175665.0

(32) Priority Date :11/11/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/066965

Filing Date :08/11/2010

(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)F. HOFFMANN-LA ROCHE AG

Address of Applicant :124 Grenzacherstrasse CH-4070 Basel
Switzerland

(72)Name of Inventor :

1)DIODONE Ralph

2)LAUPER Stephan

3)MAIR Hans-Juergen

4)PUDEWELL Johannes

5)WIERSCHEM Frank

(57) Abstract :

The present invention is related to an improved method for the manufacture of Micro-precipitated Bulk Powder (MBP) containing the active pharmaceutical ingredient Propane-1-sulfonic acid {3-[5-(4-chloro-phenyl)-1H-pyrrolo[2 3-b]pyridine-3-carbonyl]-2 4-difluoro-phenyl}-amide and Hydroxypropylmethylcellulose Acetate Succinate (HPMCAS). The invention is further directed to pharmaceutical compositions containing said MBP as well as its use in the manufacture of medicaments for the treatment of cancer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4447/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : INSULATING SHEET CIRCUIT BOARD AND PROCESS FOR PRODUCTION OF INSULATING SHEET

(51) International classification	:H01B17/26
(31) Priority Document No	:2009-243151
(32) Priority Date	:22/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/065703
Filing Date	:13/09/2010
(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)DENKI KAGAKU KOGYO KABUSHIKI KAISHA

Address of Applicant :1-1 Nihonbashi-Muromachi 2-chome
Chuo-ku Tokyo 103-8338 Japan

(72)Name of Inventor :

1)MIYATA Kenji

2)YAMAGATA Toshitaka

(57) Abstract :

An object of the present invention is to provide an insulating sheet superior in heat dissipation efficiency heat resistance insulation efficiency and moldability. Provided is a sheet-shaped insulating sheet of a resin composition containing an epoxy resin a curing agent and an inorganic filler wherein one or both of the epoxy resin and the curing agent have a naphthalene structure the inorganic filler contains hexagonal boron nitride and the inorganic filler is contained in an amount of 70 to 85 vol Vu in the entire resin composition. It is possible to increase the filling efficiency of an inorganic filler in the insulating sheet by using an epoxy resin and/or a curing agent having a naphthalene structure which are favorably compatible with the hexagonal boron nitride contained in the inorganic filler

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2012

(21) Application No.4065/CHENP/2012 A

(43) Publication Date : 30/08/2013

(54) Title of the invention : APPARATUS AND METHODS FOR USB CONNECTION IN A MULTI-PROCESSOR DEVICE

(51) International classification :G06F13/38
(31) Priority Document No :61/263,782
(32) Priority Date :23/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/057743
Filing Date :23/11/2009
(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)QUALCOMM INCORPORATED
Address of Applicant :International IP Administration 5775
Morehouse Drive San Diego California 92121-1714 U.S.A.
(72)Name of Inventor :
1)IGOR MALAMANT
2)RAGHAVENDAR BHAVANSIKAR
3)SERGIO KOLOR

(57) Abstract :

Disclosed are apparatus and methods for use in a USB device with multiple processors, allowing shared USB connectivity in the device. The disclosed apparatus and methods allow selective coupling of a first processor to a USB port of the device or to a USB hub operable to route a plurality of USB connections including connection of a second processor to the port. Providing selective coupling of the processors to the port by switching the coupling of the first processor and selectively powering the hub on and off for selective coupling of the second processor, thereby selectively enabling tethered networking such as wireless networking, affords increased power savings in the device. Furthermore, default coupling of the first processor to the port allows for USB battery charger detection, or direct connectivity to USB peripheral devices, as well as providing programming capability via the default coupling of the port to the first processor.

No. of Pages : 37 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4067/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : ANCHORING DEVICE FOR ELEMENTS FLOATING ON THE SURFACE OF AN EXPANSE OF WATER

(51) International classification :B63B21/50

(31) Priority Document No :0957010

(32) Priority Date :08/10/2009

(33) Name of priority country :France

(86) International Application No :PCT/FR2010/052029

Filing Date :28/09/2010

(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)COMPAGNIE ENGRENAGES ET REDUCTEURS -
MESSIAN - DURAND**

Address of Applicant :539 Avenue du Cateau 59400
Cambrai France

2)D2M CONSULTANTS

(72)Name of Inventor :

1)THOMAS Pierre-Armand

2)LESSARD Fabrice

(57) Abstract :

The anchoring device (10) for elements (20) floating on the surface of an expanse of water such as a sea is characterized in that it comprises a lower portion (28) including a means (12) for fastening to the bottom (14) of the expanse of water and suitable for carrying out a strong fastening operation such that the anchoring device (10) relative to said bottom (14) and an upper portion (30) comprising an attachment means (16) can no longer be moved for at least two lines (18) said upper portion being attached to the lower portion (28) using a connecting means (32) that is rotatable around a substantially vertical axis of rotation (X).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4212/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : GYROSCOPIC SENSOR AND METHOD FOR MANUFACTURING SUCH A SENSOR □

(51) International classification :G01C19/56

(31) Priority Document No :09 05430

(32) Priority Date :12/11/2009

(33) Name of priority country :France

(86) International Application No :PCT/EP2010/067215

Filing Date :10/11/2010

(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)SAGEM DEFENSE SECURITE

Address of Applicant :Le Ponant de Paris 27 rue Leblanc F-
75015 Paris France

(72)Name of Inventor :

1)VANDEBEUQUE Paul

(57) Abstract :

The invention relates to a gyroscopic sensor (2) comprising: a sensitive element (4) designed to vibrate; an electrode carrier (8) capable of carrying electrodes (20) for exciting the sensitive element (4) and electrodes (20) or detecting the vibration of the sensitive element (4); and support rods (16) designed to support the electrode carrier (8) characterized in that the support rods (16) have at least one bulged end (17).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4485/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD AND APPARATUS FOR VIDEO SEARCH AND DELIVERY

(51) International classification :G06F19/00
(31) Priority Document No :61/254,204
(32) Priority Date :22/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US10/053785
Filing Date :22/10/2010
(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)Chintamani Patwardhan
Address of Applicant :20472 Glasgow Drive Saratoga
California - 95070 U.S.A.
2)Thyagarajapuram. S. Ramakrishanan
(72)Name of Inventor :
1)Chintamani Patwardhan
2)Thyagarajapuram. S. Ramakrishanan

(57) Abstract :

The embodiments herein disclose a comprehensive system and process of archiving indexing searching delivering ~personalization and sharing™ of sports video content over the Internet. The method comprises steps of providing search friendly sports video content said method comprising steps of identifying logical events and segmenting said one or more videos into a plurality of video segments based on pre-defined criteria; generating quantitative and qualitative meta data for said video segments; storing said video segments along with said quantitative and qualitative meta data; receiving a query from a user with one or more keywords; analyzing said query from said user to extract meta data for searching relevant video segments; obtaining relevant video segments based on said generated meta data from said keywords of said query; presenting said relevant video segments as a result set.

No. of Pages : 42 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4486/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : APPARATUS AND METHODS FOR SPECTRUM SHARING USING LISTEN-BEFORE-TALK WITH QUIET PERIODS

(51) International classification	:H04W16/14
(31) Priority Document No	:61/266,146
(32) Priority Date	:02/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/058250
Filing Date	:30/11/2010
(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)QUALCOMM INCORPORATED
Address of Applicant :International IP Administration 5775
Morehouse Drive San Diego California 92121-1714 U.S.A.
(72)**Name of Inventor :**
1)AHMED K. SADEK
2)STEPHEN J. SHELLHAMMER

(57) Abstract :

Apparatus and method for spectrum sharing using listen before talk (LBT) and quiet periods are disclosed. This includes assessing using LBT to determine if a shared spectrum channel is being used by at least one other network, and transmitting transmission frames over the shared spectrum channel in at least one of an uplink or a downlink when the channel is determined as not being used. The accumulated time of transmission use of the spectrum channel is counted based on predetermined conditions, and a determination made when the accumulated time exceeds a maximum allotted time. Transmission of frames by a network is allowed to continue if the maximum time has not been exceeded and the spectrum remains available. A quiet period is then executed once the maximum time period is exceeded.

No. of Pages : 40 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4213/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : GYROSCOPIC SENSOR□

(51) International classification :G01C19/56

(31) Priority Document No :09 05428

(32) Priority Date :12/11/2009

(33) Name of priority country :France

(86) International Application No :PCT/EP2010/067217

Filing Date :10/11/2010

(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)SAGEM DEFENSE SECURITE

Address of Applicant :Le Ponant de Paris 27 rue Leblanc F-75015 Paris France

(72)Name of Inventor :

1)EUDIER Jean-Baptiste

2)MAERKY Christophe

3)BONJOUR Thierry

(57) Abstract :

The invention relates to an gyroscopic sensor (2) comprising: - a sensitive element (4) designed to vibrate; - an electrode carrier (8) capable of carrying excitation/detection electrodes (20) for exciting the sensitive element (4) and for detecting the vibration of the sensitive element (4); and - elements (10 16) for supporting the electrode carrier (8); characterized in that the supporting elements (10 16) comprise a base (10) made of a material having a density of less than 5 kg/dm³ and the square root of the ratio of Youngs modulus divided by said density is greater than 9 GPa^{1/2}.dm^{3/2}/kg^{-1/2}.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4214/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD AND APPARATUS FOR SENSING INFRARED RADIATION

(51) International classification :G01J5/10
(31) Priority Document No :61/264,071
(32) Priority Date :24/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/058015
Filing Date :24/11/2010
(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

(71)**Name of Applicant :**
1)UNIVERSITY OF FLORIDA RESEARCH
FOUNDATION INC.
Address of Applicant :223 Grinter Hall Gainesville FL
32611 U.S.A.
(72)**Name of Inventor :**
1)SO FRANKY
2)KIM DO YOUNG

(57) Abstract :

Embodiments of the invention pertain to a method and apparatus for sensing infrared (IR) radiation. In a specific embodiment a night vision device can be fabricated by depositing a few layers of organic thin films. Embodiments of the subject device can operate at voltages in the range of 10-15 Volts and have lower manufacturing costs compared to conventional night vision devices. Embodiments of the device can incorporate an organic phototransistor in series with an organic light emitting device. In a specific embodiment all electrodes are transparent to infrared light. An IR sensing layer can be incorporated with an OLED to provide IR-to-visible color up-conversion. Improved dark current characteristics can be achieved by incorporating a poor hole transport layer material as part of the IR sensing layer.

No. of Pages : 29 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4216/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : LOW NOISE BATTERY WITH A MAGNETIC COMPENSATION STRUCTURE FOR WIRELESS MOBILE COMMUNICATION DEVICE

(51) International classification	:H05K9/00
(31) Priority Document No	:12/616,641
(32) Priority Date	:11/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/002763
Filing Date	:28/10/2010
(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)Research In Motion Limited

Address of Applicant :c/o Research In Motion Limited. 5000
Riverside Drive Brazos East Building 6 suite 100 Irving TX
75039 USA.

(72)Name of Inventor :

1)VAN SCHYNDEL Andre J.

(57) Abstract :

A battery has an electrode assembly that includes a positive electrode a negative electrode and a layer of electrolyte between the positive electrode and the negative electrode. An electric current flow in the positive electrode is unmatched to an electric current flow in the negative electrode thereby producing a first magnetic field. A magnetic compensation structure is adjacent to the electrode assembly and has body of electrically conductive material connected to one of the positive electrode and the negative electrode. The electric current flowing through the electrode assembly also flows through the body in a pattern that matches the pattern of unmatched electric current in the electrode assembly. As a result a second magnetic field is produced by the magnetic compensation structure that opposes the first magnetic field thereby mitigating magnetic noise from the battery.

No. of Pages : 29 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4365/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : ENERGY FACILITY CONTROL SYSTEM

(51) International classification :G05B13/02

(31) Priority Document No :61/285,447

(32) Priority Date :10/12/2009

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

(86) International Application No :PCT/US2010/059907

Filing Date :10/12/2010

(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)Accenture Global Services Limited

Address of Applicant :3 Grand Canal Plaza Grand Canal
Street Upper Dublin 4 IRELAND

(72)Name of Inventor :

1)WEBSTER Andrew SEBASTIAN

2)HESS Adam GLENN

3)KOWAL Keith E.

4)CIECHOLEWSKI John

(57) Abstract :

An energy facility control system transforms the manner in which energy facilities create modify share and store information during all phases of their lifecycles from licensing through construction and decommissioning. The energy facility control system provides energy operators and their suppliers with collaborative toolsets to help improve accuracy reliability and efficiency during every stage of an energy facilityTMs lifecycle.

No. of Pages : 76 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4507/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : INTEGRATED ENHANCED OIL RECOVERY PROCESS INJECTING NITROGEN□

(51) International classification :E21B43/16

(31) Priority Document No :61/287,571

(32) Priority Date :17/12/2009

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

(86) International Application No :PCT/US2010/060727

Filing Date :16/12/2010

(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)GREATPOINT ENERGY INC.

Address of Applicant :222 Third Street Suite 2163

Cambridge Massachusetts 02142 United States of America

(72)Name of Inventor :

1)PERLMAN Andrew

(57) Abstract :

The present invention relates to an enhanced oil recovery process that is integrated with a synthesis gas generation process such as gasification or reforming and an air separation process for generating (i) an oxygen stream for use for example in the syngas process or a combustion process and (ii) a nitrogen stream for EOR use.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4393/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : DIAPHRAGM AND DIAPHRAGM VALVE□

(51) International classification	:F16K7/17
(31) Priority Document No	:2009905476
(32) Priority Date	:09/11/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001490
Filing Date	:09/11/2010
(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)GOYEN CONTROLS CO PTY LTD.

Address of Applicant :114 Albatross Road Nowra New South Wales 2541 Australia

(72)Name of Inventor :

1)SHOREY Christopher Wilfred

2)MORRIS Georgina Elizabeth

(57) Abstract :

There is disclosed a diaphragm for a high pressure gas diaphragm valve. The diaphragm comprises a sealing body defining a sealing face for seating against a valve seat of the valve to close the valve; an outer flange for attaching the diaphragm to the valve the outer flange defining a flange plane; and a deformable web that extends between the outer flange and the sealing body the deformable web including a gusset that has at least one convolute portion. The gusset is deformable to allow the sealing body to move between a natural configuration in which the sealing body is on a first side of the flange plane and a raised configuration in which at least part of the sealing body is on the opposing side of the flange plane and wherein the at least one convolute portion biases the sealing body towards the natural configuration.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4394/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYSTEM METHOD AND APPARATUS FOR MOBILE TRANSMIT DIVERSITY USING SYMMETRIC PHASE DIFFERENCE□

(51) International classification	:H04L1/00
(31) Priority Document No	:61/253,428
(32) Priority Date	:20/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/053241
Filing Date	:19/10/2010
(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)GOOGLE INC.

Address of Applicant :1600 Ampitheatre Parkway Mountain View CA 94043 United States of America

(72)Name of Inventor :

1)HAREL Haim

2)CHEN Phil F.

(57) Abstract :

Communication is performed for a first communication device having a set of antenna elements. A quality-indication signal is received from a second communication device (e.g. a basestation). A complex weighting is calculated based on the quality-indication signal. A pre-transmission signal is modified based on the complex transmit diversity weighting to produce a set of modified-pre-transmission signals wherein the modifications are symmetric by making approximately half the magnitude of the transmit diversity modification to one signal in a first direction and approximately half the magnitude of the transmit diversity modification to the other signal in a second direction opposite the first direction. Each modified pre-transmission signal from the set of modified-pre-transmission signals is uniquely associated with an antenna element from the set of antenna elements. The set of modified-pre-transmission signals is sent from the set of antenna elements to produce a transmitted signal.

No. of Pages : 59 No. of Claims : 34

(54) Title of the invention : METHOD FOR ESTIMATING THE MOVEMENT OF A TRAVELLING OBSERVATION INSTRUMENT FLYING OVER A CELESTIAL BODY

(51) International classification	:G06T7/20	(71)Name of Applicant :
(31) Priority Document No	:0958195	1)ASTRIUM SAS
(32) Priority Date	:19/11/2009	Address of Applicant :6 Rue Laurent Pichat 75016 Paris
(33) Name of priority country	:France	France
(86) International Application No	:PCT/EP2010/067353	(72)Name of Inventor :
Filing Date	:12/11/2010	1)REGIS PERRIER
(87) International Publication No	: NA	2)MATHIAS ORTNER
(61) Patent of Addition to Application	:NA	3)ELISE ARNAUD
Number	:NA	4)PETER STURM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for estimating the movement of an observation instrument (10) on-board a vehicle flying over a celestial body, the observation instrument (10) comprising at least two strips (b1, b2) with different lines of sight, each strip realizing the acquisition of successive image lines making up a composite image , parts of the composite images representing substantially a same scene of the celestial body. The estimated movement is determined by optimization of an image similarity function that associates, to a given movement hypothesis , a similarity between values of matched pixels of at least a pair of composite images and the method comprises, for each movement hypothesis considered during the optimization of the image similarity function, steps of: (200) determining, for the at least one pair of composite images , at least one spatio-temporal transformation using the considered movement hypothesis and a geometric model of the observation instrument (10), and (201) matching the pixels of the at least one pair of composite images using the at least one spatio-temporal transformation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4522/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : III-V LIGHT EMITTING DEVICE WITH THIN N-TYPE REGION

(51) International classification :H01L33/00

(31) Priority Document No :12/624268

(32) Priority Date :23/11/2009

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

(86) International Application No :PCT/IB2010/055147

Filing Date :12/11/2010

(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

2)PHILIPS LUMILEDS LIGHTING COMPANY LLC

(72)Name of Inventor :

1)DUPONT Frederic

2)EPLER John E.

(57) Abstract :

A device includes a semiconductor structure comprising a III-nitride light emitting layer disposed between an n-type region and a p-type region. A transparent conductive non-III-nitride material is disposed in direct contact with the n-type region. A total thickness of semiconductor material between the light emitting layer and the transparent conductive non-III-nitride material is less than one micron.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1980/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :14/08/2008

(43) Publication Date : 30/08/2013

(54) Title of the invention : USE OF WI-FI FOR LAST-MILE BROADBAND ACCESS

(51) International classification	:H04W4/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Rural Technology Business Incubator
(32) Priority Date	:NA	Address of Applicant :331A Dept. of Electrical Engineering
(33) Name of priority country	:NA	IIT Madras Chennai-600036 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Ashok Jhunhunwala
(87) International Publication No	: NA	2)Hrushikesh Mehendale
(61) Patent of Addition to Application Number	:NA	3)Pradeep Ghimirey
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of providing last mile solution for broadband connectivity using wired and wireless networks is disclosed. A fixed hybrid two(or more)-step wireless network approach is used for providing the last mile solution which includes establishing a point-to-point Line of Sight (LOS) wireless link for range and coverage, a point-to-multipoint wireless link for local distribution of the wireless signal and finally connecting to the consumers using Ethernet. The method comprising steps of creating a plurality of point-to-point backhaul link for wireless signals, connecting the plurality of wireless backhaul links to a backbone network through a feeder unit, creating a plurality of point-to-point wireless local link, creating a plurality of point-to-multipoint wireless link, distributing the wireless signal through a local distribution unit, a client unit receiving the wireless signal, and the client unit transmitting the wireless signal to customers over Ethernet.

No. of Pages : 24 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4090/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : PROCESS FOR THE POLYMERISATION OF OLEFINS

(51) International classification :C08F10/00
(31) Priority Document No :09175490.3
(32) Priority Date :10/11/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/066557
Filing Date :01/11/2010
(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)INEOS COMMERCIAL SERVICES UK LIMITED
Address of Applicant :Hawkslease Chapel Lane Lyndhurst
Hampshire-SO43 7FG U.K.
(72)**Name of Inventor :**
1)DETOURNAY Stephan
2)MOINEAU Christophe

(57) Abstract :

The present invention relates to a process for polymerisation of olefins in particular gas phase polymerisation of olefins with the aid of a supported chromium oxide based catalyst.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4091/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : TUBULIN INHIBITORS

(51) International classification :C07K5/06
(31) Priority Document No :090141706
(32) Priority Date :12/11/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/006915
Filing Date :12/11/2012
(87) 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)R&D Biopharmaceuticals GmbH
Address of Applicant :Am Klopferspitz 19 82152
Martinsried Germany
(72)Name of Inventor :
1)RICHTER Wolfgang

(57) Abstract :

The invention relates to novel tubulin binding molecules of formula (I) and their use for the treatment of cancer and other diseases.

No. of Pages : 31 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4092/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD FOR PRODUCING DECANOLS BY MEANS OF HYDROGENATING DECENALS

(51) International classification :C07C29/17
(31) Priority Document No :102009045718.6
(32) Priority Date :15/10/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/061827
Filing Date :13/08/2010
(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)Evonik Oxeno GmbH
Address of Applicant :Paul-Baumann-Strasse 1 45772 Marl
Germany
(72)Name of Inventor :
1)KAIZIK Alfred
2)LUEKEN Hans-Gerd

(57) Abstract :

The present invention relates to a method for producing at least one decanol by means of hydrogenating at least one decenal wherein a first hydrogenation is carried out in the liquid phase on a solid first catalyst wherein the first catalyst contains copper and nickel. The aim of the invention is to provide a method of the type mentioned above according to which decenals can be hydrogenated into decanols in high yields even after long operating periods. The content of non-reacted decenals in the hydrogenation discharge in particular should be less than 1500 ppm. Said aim is achieved by carrying out the hydrogenation in two steps which is to say in a first step in a known manner using a catalyst comprising copper nickel and optionally chromium and/or barium oxide and subsequently in a second step using a different catalyst that must be free of copper chromium and nickel.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4510/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : AMMONIA PRODUCTION PROCESS

(51) International classification	:C01C1/04
(31) Priority Document No	:09174211.4
(32) Priority Date	:27/10/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/064608
Filing Date	:30/09/2010
(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)AMMONIA CASALE S.A.
Address of Applicant :Via Giulio Pocobelli 6 CH-6900
Lugano-Besso. Switzerland
(72)**Name of Inventor :**
1)IOB Massimo

(57) Abstract :

A process for the synthesis of ammonia where: a front-end produces a makeup syngas (10) having a substantial excess of nitrogen the H₂/N₂ ratio being less than 3; hydrogen is separated from a purge stream (15) taken in the high- pressure synthesis loop with a molecular sieve or a cryogenic device obtaining a hydrogen-rich gaseous stream (16); said hydrogen-rich gaseous stream (16) is returned to the ammonia synthesis loop thus obtaining that the H₂/N₂ ratio of the gas feed (12) actually converted into ammonia is close to 3 and preferably in the range 2.9 - 3.1.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4511/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : ANTI-TRYPANOSOMIASIS VACCINES AND DIAGNOSTICS□

(51) International classification	:C12N9/10
(31) Priority Document No	:0957953
(32) Priority Date	:10/11/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/067245
Filing Date	:10/11/2010
(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

(71)**Name of Applicant :**
1)UNIVERSITE BORDEAUX SEGALEN
Address of Applicant :146 rue Lo Saignat F-33076 Bordeaux
France
2)CENTRE NATIONAL DE LA RECHERCHE
SCIENTIFIQUE
(72)**Name of Inventor :**
1)COUSTOU LINARES Virginie
2)BALTZ Theo
3)PLAZOLLES Nicolas

(57) Abstract :

The present invention has as an object a novel genetic material coding for trans-sialidase-like proteins of African trypanosomes and relates to the use of said genes and proteins in vaccines therapeutics and diagnostics. The present invention also relates to the immunization of human and/or nonhuman animals against trypanosomosis.

No. of Pages : 63 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4512/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : DUAL FLUID CIRCUIT SYSTEM FOR GENERATING A VAPOROUS WORKING FLUID USING SOLAR ENERGY

(51) International classification	:F03G6/06
(31) Priority Document No	:61/256,814
(32) Priority Date	:30/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054855
Filing Date	:29/10/2010
(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)AREVA SOLAR INC.
Address of Applicant :303 Ravendale Drive Mountain View
California 94043 U.S.A.
(72)**Name of Inventor :**
1)VENETOS Milton
2)CAULFIELD Thomas
3)CONLON William M.
4)BROWN CALLERY Robert

(57) Abstract :

Systems for producing vaporous working fluid are provided including: a first fluid passage configured to convey a working fluid to a first solar heating system wherein the first solar heating system heats the working fluid to produce a heated working fluid having a temperature t_1 and a quality x_1 ; a second fluid passage configured to convey a heat transfer fluid to a second solar heating system to produce a heated heat transfer fluid; and a heat exchanger configured to transfer heat from the heated heat transfer fluid to the heated working fluid. When $x_1 < 1$ the heat transfer results in an increase in quality of the heated working fluid. When $x_1 = 1$ the heat transfer results in an increase in temperature of the heated working fluid. Methods of using the systems to produce vaporous working fluid are also provided.

No. of Pages : 35 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4513/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYSTEM AND METHOD FOR SPECTRUM SPLIT FOR 1X AND HRPD OPERATIONS OF FEMTOCELL

(51) International classification	:H04B7/155
(31) Priority Document No	:12/589,714
(32) Priority Date	:26/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/007337
Filing Date	:25/10/2010
(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)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :416 Maetan-dong Yeongtong-gu
Suwon-si Gyeonggi-do 442-742 Republic of Korea.
(72)**Name of Inventor :**
1)Vijayasimman RAJASIMMAN
2)John JUBIN
3)Nivedan THADASINA

(57) Abstract :

A femtocell management system determines a list of carriers available per a technology type without operator action on per county basis using the county carrier information Macro database information and resource configuration table. The femtocell management system transmits the list of carriers available per a technology type to the femtocell base station and list of common carriers used by Macro base stations on a county level. The femtocell base station can receive this information and can select an operation carrier from the list of carriers available per a technology type on a county level. The femtocell base station also can use the list of carriers to determine locally available carriers. If no available carriers exist the femtocell base station can select an operation carrier based on common carriers used by Overlay Macro base stations.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4514/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYSTEM AND METHOD FOR OPTIMIZING POWER LOADS IN A POWER DISTRIBUTION UNIT

(51) International classification	:H02J1/14	(71) Name of Applicant :
(31) Priority Document No	:12/608,134	1)AMERICAN POWER CONVERSION CORPORATION
(32) Priority Date	:29/10/2009	Address of Applicant :132 Fairgrounds Road West Kingston
(33) Name of priority country	:U.S.A.	RI 02892 U.S.A.
(86) International Application No	:PCT/US2010/050819	(72) Name of Inventor :
Filing Date	:30/09/2010	1)JANSMA Michael
(87) 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 optimizing power loads of a power strip is disclosed. The power strip is of the type having single or three phase power input, a plurality of circuit breakers, and a plurality of outlets. The arrangement is such that at least one circuit breaker is associated with at least one outlet. The method includes: obtaining real-time current measurements for each phase of the single or three phase power input of the power strip; obtaining real-time current measurements for each circuit breaker of the plurality of circuit breakers of the power strip; logging the realtime current measurements for each phase of the single or three phase power input and for each circuit breaker of the plurality of circuit breakers; and analyzing the real-time current measurements of the single or three phase power input and the plurality of circuit breakers to determine a preferential order of outlets in which to apply a new load.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4515/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYSTEMS AND METHODS OF MANAGING CABLES

(51) International classification	:H05K7/18
(31) Priority Document No	:12/608,240
(32) Priority Date	:29/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/050820
Filing Date	:30/09/2010
(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)AMERICAN POWER CONVERSION CORPORATION
Address of Applicant :132 Fairgrounds Road West Kingston
RI 02892 U.S.A.
(72)**Name of Inventor :**
1)SYED Farrukh Shahzad

(57) Abstract :

A cable trough includes a tray having a tray portion extending along a generally horizontal plane with two opposite side edges a first side wall portion extending along one side edge of the tray portion on a plane generally perpendicular to the plane of the tray portion and a second side wall portion extending along the other side edge of the tray portion on a plane generally perpendicular to the plane of the tray portion. The cable trough further includes a first side wall having at least one first attachment configuration constructed and arranged to secure the first side wall to the first side wall portion of the tray. Various cable trough systems and methods are further disclosed.

No. of Pages : 63 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4148/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : APPARATUSES METHODS AND COMPUTER PROGRAM PRODUCTS ENABLING ASSOCIATION OF RELATED PRODUCT DATA AND EXECUTION OF TRANSACTION□

(51) International classification :G06Q30/00

(31) Priority Document No :61/251,284

(32) Priority Date :13/10/2009

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

(86) International Application No :PCT/US2010/052497

Filing Date :13/10/2010

(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)ezsav Inc.

Address of Applicant :P.O. Box 931 Darien CT 06820

U.S.A.

(72)Name of Inventor :

1)LI Lehmann

(57) Abstract :

Upon receiving a request for an object of interest a client device can automatically: (a) display the combination of a retailer the selection of a payment account any qualifying offers and any qualifying rewards which can yield the lowest net price; and/or (b) execute a purchase of the object of interest using the selected payment account and redeeming the qualifying offers and/or rewards.

No. of Pages : 290 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4149/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYSTEM FOR SUPPLY CHAIN MANAGEMENT□

(51) International classification :G06K17/00

(31) Priority Document No :61/258,182

(32) Priority Date :04/11/2009

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

(86) International Application No :PCT/US2010/055522

Filing Date :04/11/2010

(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)PROTEUS BIOMEDICAL INC.

Address of Applicant :2600 Bridge Parkway Suite 101
Redwood City California 94065 United States of America

(72)Name of Inventor :

1)ZDEBLICK Mark J.

(57) Abstract :

A system for tracking a product from origin to destination is disclosed. The system includes a probe that comprises two plates a power source and a processor. The power source is controlled by the processor to produce an oscillating output at the plates. Using the oscillating voltage the probe interrogates a device through capacitive coupling. The device includes a control unit a memory unit and first and second materials physically associated with the device for communication using capacitive coupling. Information associated with the device is transferred from the device to the probe through capacitive coupling between the first and second materials and the first and second plates respectively.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4306/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD AND APPARATUS FOR SEAMLESS TRANSITIONS BETWEEN RADIO LINKS USING DIFFERENT FREQUENCY BANDS FOR DATA TRANSMISSION

(51) International classification :H04L1/16
(31) Priority Document No :61/263,265
(32) Priority Date :20/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/057521
Filing Date :19/11/2010
(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)QUALCOMM Incorporated
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714 USA.
(72)Name of Inventor :
1)ABRAHAM Santosh Paul
2)TAGHAVI NASRABADI Mohammad Hossein
3)JAIN Avinash
4)SAMPATH Hemanth

(57) Abstract :

A method for wireless communications is provided that includes generating an index for a plurality of packets for use in a first radio link for transmission to an apparatus; transmitting the plurality of packets using a second radio link to the apparatus; determining transmission state information indicating whether each packet in the plurality of packets have been received by the apparatus; and transmitting additional packets based on the index and the transmission state information. Apparatuses for performing the methods are also disclosed.

No. of Pages : 37 No. of Claims : 68

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4307/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : ALBUMIN VARIANTS

(51) International classification :C07K14/765

(31) Priority Document No :09174698.2

(32) Priority Date :30/10/2009

(33) Name of priority country :EUROPEAN UNION

(86) International Application No :PCT/EP2010/066572

Filing Date :01/11/2010

(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)NOVOZYMES BIOPHARMA DK A/S

Address of Applicant :Krogshoejvej 36 2880 Bagsvaerd
Denmark

(72)Name of Inventor :

1)PLUMRIDGE Andrew

2)SLEEP Darrell

3)CAMERON Jason

4)SANDLIE Inger

5)ANDERSEN Jan Terje

6)FRIIS Esben Peter

(57) Abstract :

The present invention relates to variants of a parent albumin having altered plasma half-life compared with the parent albumin. The present invention also relates to fusion polypeptides and conjugates comprising said variant albumin.

No. of Pages : 157 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.669/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR FIXING APPLICATION VULNERABILITIES THROUGH A CORRELATED REMEDIATION APPROACH

(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)INFOSYS LIMITED

Address of Applicant :IP CELL, PLOT NO. 44,
ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100
Karnataka India

(72)Name of Inventor :

1)MOHANAKRISHNAN SHANKAR

(57) Abstract :

The invention relates to a system and method for fixing application vulnerabilities through a correlated remediation approach. This invention involves identifying application vulnerabilities through dynamic and static assessment of an application. The vulnerability instances reported in the static assessment is fixed using standard code fixes. The assessment results obtained from the static and the dynamic assessment are then correlated to identify how many vulnerability instances reported in the static assessment are by fixing the code based on the standard code fix. If a vulnerability instance reported in the dynamic assessment corresponds to more than one vulnerability instances reported in the static assessment then the shortest and cost effective path to fix the vulnerability instance is determined. These results are stored in a graph database and based on the graph database the application vulnerabilities are fixed. An inference engine can be used to identify the correct fix for an application vulnerability.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4407/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SCANNING SYSTEM FOR DIFFERENTIAL PHASE CONTRAST IMAGING

(51) International classification :A61B6/00
(31) Priority Document No :09178696.2
(32) Priority Date :10/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/055662
Filing Date :08/12/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)Name of Inventor :
1)ENGEL Klaus Jurgen
2)GELLER Dieter
3)VOGTMEIER Gereon
4)KOEHLER Thomas

(57) Abstract :

The invention relates to the field of X-ray differential phase contrast imaging. For scanning large objects and for an improved contrast to noise ration, an X-ray device 10 for imaging an object 18 is provided. The X-ray device 10 comprises an X-ray emitter arrangement 12 and an X-ray detector arrangement 14), wherein the X-ray emitter arrangement 14 is adapted to emit an X-ray beam 16 through the object 18 onto the X-ray detector arrangement 14. The X-ray beam (16) is at least partial spatial coherent and fan-shaped. The X-ray detector arrangement 14 comprises a phase grating 50 and an absorber grating 52. The X-ray detector arrangement 14 comprises an area detector 54 for detecting X-rays, wherein the X-ray device is adapted to generate image data from the detected X-rays and to extract phase information from the X-ray image data, the phase information relating to a phase shift of X-rays caused by the object 18. The object 18 has a region of interest 32 which is larger than a detection area of the X-ray detector 18 and the X-ray device 10 is adapted to generate image data of the region of interest 32 by moving the object 18 and the X-ray detector arrangement 14 relative to each other.

No. of Pages : 31 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4408/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : NON-PARALLEL GRATING ARRANGEMENT WITH ON-THE-FLY PHASE STEPPING X-RAY SYSTEM AND USE

(51) International classification	:G21K1/06
(31) Priority Document No	:09178705.1
(32) Priority Date	:10/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/055562
Filing Date	:03/12/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)SCHUSSER Sebastian
2)VOGTMEIER Gereon

(57) Abstract :

The present invention relates to X-ray image acquisition technology in general. Employing phase-contrast imaging for X-ray image acquisition may significantly enhance the visibility of structures in images acquired. However, phase-contrast information may only be obtainable in a small detector region with subsequent image acquisitions requiring individual phase stepping states to allow reconstruction of an X-ray image. Accordingly, a grating arrangement for phase-contrast imaging is provided which may allow on the fly phase stepping during a field of view scan. According to the present invention a grating arrangement (1) for phase-contrast imaging is provided, comprising a first grating element (8) and a second grating element (10). Each of the first grating element (8) and the second grating element (10) comprises a trench structure. The trench structure comprises at least one trench region (9) and at least one barrier region (3). The at least one trench region (9) and the at least one barrier region (3) are at least locally arranged in parallel. The first grating element (8) and the second grating element (10) are arranged such that the trench structure of the first grating element (8) and the trench structure of the second grating element (10) are non-parallel comprising an angle α .

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4409/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : COLLATERAL BLOOD FLOW ASSESSMENT

(51) International classification	:A61B6/00
(31) Priority Document No	:61/285207
(32) Priority Date	:10/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055265
Filing Date	:18/11/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
2)THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

(72)**Name of Inventor :**
1)BREDNO Joerg
2)WINTERMARK Max

(57) Abstract :

A method includes obtaining both first inflow and first perfusion metrics for non-healthy tissue of interest obtaining both second inflow and second perfusion metrics for healthy tissue of interest and concurrently presenting both the first flow and perfusion metrics for the non-healthy tissue of interest and both the second flow and perfusion metrics for the healthy tissue of interest.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.678/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYSTEM AND METHOD FOR INFORMATION ACQUISITION OF WIRELESS SENSOR NETWORK DATA AS CLOUD BASED SERVICE

(51) International classification	:F42B	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG INDIA SOFTWARE OPERATIONS PVT LTD
(32) Priority Date	:NA	Address of Applicant :BAGMANE LAKEVIEW, BLOCK B,
(33) Name of priority country	:NA	NO. 66/1, BAGMANE TECH PARK, CV RAMAN NAGAR,
(86) International Application No	:NA	BYRASANDRA, BANGALORE - 560 093 Karnataka India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)ANKUR DESHWAL
(61) Patent of Addition to Application Number	:NA	2)SOMA KOHLI
Filing Date	:NA	3)CHETHAN K PUTTANNA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method that provides virtualization of Wireless Sensor Networks (WSNs) enabling cloud based end to end solutions is disclosed. The cloud based WSN system provides an Infrastructure as a service (IaaS) paradigm for virtual sensor cloud and Software as a service (SaaS) in a service cloud to provide flexible and scalable system. The IaaS provides flexibility in terms of handling heterogeneous WSNs. The SaaS provides scalability by relieving the end user of computational overheads and enabling on demand sharing of sensor data to plurality of requesting users. SaaS also relieves the user from specifying exact sensor characteristics, locating the sensors and provisioning for the sensors by end users.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4356/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHODS FOR LASER SCRIBING AND SEPARATING GLASS SUBSTRATES□

(51) International classification :C03B33/033

(31) Priority Document No :12/627,172

(32) Priority Date :30/11/2009

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

(86) International Application No :PCT/US2010/057932

Filing Date :24/11/2010

(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)CORNING INCORPORATED

Address of Applicant :1 Riverfront Plaza Corning New York
14831 U.S.A.

(72)Name of Inventor :

1)XINGHUA LI

(57) Abstract :

Methods of forming scribe vents in a strengthened glass substrate having a compressive surface layer and an inner tension layer are provided. In one embodiment, a first and second defect is formed to partially expose the inner tension layer. A first scribe vent may be generated in a first scribing direction by translating a laser beam and a cooling jet on a surface of the strengthened glass substrate at a first scribing speed. A second scribe vent intersecting the first scribe vent may be generated in a second scribing direction by translating the laser beam and the cooling jet on the surface of the strengthened glass substrate at a second scribing speed that is greater than the first scribing speed. The defects may be perpendicular to the scribing directions. In another embodiment, the first scribe vent may be fused at an intersection location prior to generating the second scribe vent.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4357/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : DEVICES AND METHODS FOR WIRELESS SYSTEM ACQUISITION

(51) International classification :H04W48/16

(31) Priority Document No :12/622,338

(32) Priority Date :09/01/2009

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

(86) International Application No :PCT/US2010/056978

Filing Date :17/11/2010

(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)QUALCOMM INCORPORATED

Address of Applicant :International IP Administration 5775
Morehouse Drive San Diego California 92121-1714 U.S.A.

(72)Name of Inventor :

1)MOHIT NARANG

2)JONATHAN RICHARD COOK

(57) Abstract :

Disclosed are devices, methods and computer program products for radio access network (RAN) signal acquisition. In one aspect, a mobile device scans a radio frequency spectrum for RAN signals and detects signals corresponding to a plurality of channels of a first network type having a first channel bandwidth. The mobile device then determines a power level of the detected signal on each of the plurality of channels and discards signals having substantially equal power within a first frequency range to define a remaining set of signals. The first frequency range corresponds to a second channel bandwidth of a second network type and the second channel bandwidth is greater than the first channel bandwidth. The mobile device then ranks the remaining signals based on the determined power level and selects one of the remaining signals for acquisition based on the ranking.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4358/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : CHIRAL LIQUID CRYSTAL POLYMER MARKING□

(51) International classification	:B41M5/28
(31) Priority Document No	:61/267,668
(32) Priority Date	:08/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/056873
Filing Date	:19/05/2010
(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)SICPA HOLDING SA
Address of Applicant :Avenue de Florissant 41 1008 Prilly
Switzerland
(72)**Name of Inventor :**
1)TILLER Thomas
2)GREMAUD Frdric
3)CALLEGARI Andrea

(57) Abstract :

A liquid crystal polymer marking is obtainable by a process that comprises applying a first chiral liquid crystal precursor composition onto a substrate heating the composition to bring same to a first chiral liquid crystal state applying to at least one area of the first composition a second chiral liquid ciystal precursor composition heating the at least one area to bring same to a second chiral liquid crystal state and subsequently curing and/or polymerizing the resultant product.

No. of Pages : 46 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.683/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SIMULATED STEERING SYSTEM

(51) International classification	:B62D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Zen Technologies Limited
(32) Priority Date	:NA	Address of Applicant :B-42 Industrial Estate Sanathnagar
(33) Name of priority country	:NA	Hyderabad- 500018 Andhra Pradesh India Meghalaya India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Kishore Dutt Atluri
(87) International Publication No	: NA	2)M Ravi Kumar
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a simulated steering system that could be used in automobile driving simulators and entertainment devices. The system has a rigid box structure. The system includes a steering shaft (110) having a steering wheel at top end and a drive gear (132) at bottom end. A nut(402) with pins(122a 122b) and a guide block (124) engages the steering shaft(110) at midway spring guide rods (116 118) embodying compression springs(130a 130b) are rigidly fastened to a first plate(102) and a second plate (104) using flanged bushes(146a 146b) and flanged bushes (148a 148b) respectively pair of guide blocks (126a 126b) and (128a 128b) having slots for engaging the pins (122a 122b) an output gear(134) engaged to and driven by the drive gear (132) is fixed onto the second plate (104) through a bearing bush(138) and a steering potentiometer (136) engaged to the second plate(104) for presenting percentage of revolution of the steering wheel.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4487/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : WEAR AMOUNT MEASURING DEVICE WEAR AMOUNT MEASURING METHOD WEAR AMOUNT MEASURING PROGRAM AND STORAGE MEDIUM

(51) International classification :G01B11/02
(31) Priority Document No :2010-027146
(32) Priority Date :10/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/050803
Filing Date :19/01/2011
(87) 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)KOMATSU LTD.
Address of Applicant :2-3-6 Akasaka Minato-ku Tokyo
1078414 Japan
(72)Name of Inventor :
1)SHIGETO MARUMOTO
2)HIDEYUKI WAKAI
3)YUKIHIRO SUZAKI
4)DAIJIROU ITOU
5)TOMOYUKI TSUBAKI
6)KENICHI HISAMATSU

(57) Abstract :

The present wear amount measuring device includes a display device (23), an image processing section (44) and a wear amount computing section (45). The display device (23) displays a real object major element image (GR1) and a plan image (GD), respectively containing a sprocket wheel (6) and two bolts (10), based on a display signal from a display signal generating section (43). The image processing section (44) executes an image processing of overlapping the real object major element image (GR1) and the plan image (GD) at an equal scale on a corresponding positional relation when the center points of two bolts (10) in the real object major element image (GR1) and two reference dots two (68) in the plan image (GD) are matched. When a modified tooth profile line (85) is drawn along the contour of tooth portions (6a) of the sprocket wheel (6) in the real object major element image (GR1), the wear amount computing section (45) computes a wear amount based on the magnitude of an interval between the modified tooth profile line (85) and a reference tooth profile line (65) in the plan image (GD).

No. of Pages : 47 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4488/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD AND SYSTEM FOR CLOCK RECOVERY IN PACKET SWITCHED NETWORK

(51) International classification :H04L12/56
(31) Priority Document No :200910222940.4
(32) Priority Date :23/11/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/073672
Filing Date :08/06/2010
(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)Xiaohui XU

(57) Abstract :

The invention discloses a method and a system for clock recovery in a packet-switched network, which aim to solve the problem in the prior art that the clock cannot be recovered accurately after the TDM service data are transmitted through the packet-switched network. The method includes the following steps of: a transmitting terminal counting TDM service data packet transmitting periods using a sampling clock of the present terminal to obtain a first counting value a1, and inserting identification information between at least two continuous transmitting intervals, a receiving terminal receiving the first counting value a1, calculating a proportionality coefficient between the sampling clock periods of the two terminals according to the first counting value a1 and the identification information, recovering an interval between two pieces of adjacent identification information, comparing the interval between the two pieces of adjacent recovered identification information with an interval between two adjacent received identifiers to obtain an adjusting difference value, and adjusting the time for receiving each data packet based on the adjusting difference value so as to obtain a recovered clock. Just because of the mechanism of adding a frequency stamp respectively at the transmitting terminal and the receiving terminal simultaneously, the clock of the transmitting terminal can be accurately recovered.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.688/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : ERASURE CORRECTION USING SINGLE ERROR DETECTION PARITY □

(51) International classification

:H03M

(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)SANDISK TECHNOLOGIES INC.

Address of Applicant :Two Legacy Town Center 6900 North
Dallas Parkway Plano TX 75024 United States of America

(72)Name of Inventor :

1)Sateesh Desireddi

(57) Abstract :

A method includes receiving a representation of a set of single error detection (SED) parity bits and a representation of data. The data includes an error correction coding (ECC) codeword including information bits and ECC parity bits. Each SED parity bit of the set of SED parity bits indicates a parity value for a corresponding portion of the data. The method includes in response to determining that a particular portion of the representation of the data includes a single erasure bit selectively modifying a bit value of the single erasure bit based on the representation of the SED parity bit that corresponds to the particular portion and generating an updated representation of the ECC codeword when the bit value of the single erasure bit corresponds to the ECC codeword and has been modified. The method may include initiating an ECC decode operation of the updated representation of the ECC codeword.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4448/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : VARIABLE OFFSET SPINE FIXATION SYSTEM AND METHOD

(51) International classification :A61B17/70

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2009/006176

Filing Date :18/11/2009

(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)SYNTHES GmbH

Address of Applicant :Eimattstrasse 3 CH-4436 Oberdorf
Switzerland

(72)Name of Inventor :

1)JACOB R. Patrick

2)MCDIVITT Eric

3)CAPOZZOLI Joseph

4)KEYER Thomas

(57) Abstract :

A minimally invasive system and method for coupling a spinal rod to a plurality of bone anchors implanted into a plurality of vertebral bodies. A plurality of bottom-loading polyaxial anchor seat assemblies having different vertical heights are chosen to pop over the heads of the implanted bone anchors and a spinal rod is more easily introduced and secured to the bone anchors. The variety of different heights that characterize the plurality of polyaxial anchor seat assemblies allows a surgeon to intraoperatively choose the appropriate offset for a particular spinal level during spinal corrections.

No. of Pages : 22 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4449/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : CO2 REMOVAL FROM GASES BY MEANS OF AQUEOUS AMINE SOLUTIONS WITH THE ADDITION OF A STERICALLY HINDERED AMINE

(51) International classification :B01D53/14
(31) Priority Document No :10 2010 004 070.3
(32) Priority Date :05/01/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/007839
Filing Date :21/12/2010
(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)ThyssenKrupp Uhde GmbH

Address of Applicant :Friedrich-Uhde-Strasse 15 44141
Dortmund Germany

(72)Name of Inventor :

1)MENZEL Johannes

2)VON MORSTEIN Olaf

(57) Abstract :

Use of an absorbent for the removal of sour gases from a fluid stream the absorbent consisting of an aqueous solution with at least two different amines with any arbitrary amine with a share of more than 60 wt.% in the total amine content of the aqueous solution constituting the first amine component in the aqueous solution and with a sterically hindered amine with a share of less than 50 wt.% in the total amine content constituting the second amine component in the aqueous solution the fluid stream being brought into contact with the absorbent at a partial pressure of <200 mbar.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4450/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : STEPPING SWITCH HAVING A FREEWHEEL ELEMENT

(51) International classification :H01H9/00
(31) Priority Document No :10 2010 007 535.3
(32) Priority Date :11/02/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/007563
Filing Date :11/12/2010
(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)Maschinenfabrik Reinhausen GmbH
Address of Applicant :Falkensteinstrasse 8 D-93059
Regensburg Germany
(72)Name of Inventor :
1)H-PFL Klaus
2)WILHELM Gregor
3)WREDE Silke

(57) Abstract :

The invention relates to a stepping switch (10) for switching among at least two winding taps (12 14) of a step transformer (16) without interruption said step transformer having a rotatable switching shaft (22) with which actuating elements (24) for a plurality of actuating phases for mechanical switching elements (MTF TTF) or vacuum switching (MSV TTV) are associated.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4451/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : FUEL TANK FOR A MOTOR VEHICLE

(51) International classification	:B60K15/077
(31) Priority Document No	:10 2009 049 799.4
(32) Priority Date	:16/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/006176
Filing Date	:09/10/2010
(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)KAUTEX TEXTRON GmbH & Co. KG

Address of Applicant :Kautexstr. 52 53229 Bonn Germany

(72)Name of Inventor :

1)GEBERT Klaus

(57) Abstract :

The invention concerns a fuel tank (1) for a motor vehicle with means for ventilation and purging and with means for delivery of fuel to the combustion engine (10) of a motor vehicle, comprising at least one fuel delivery pump (6) arranged in the fuel tank (1) inside a surge tank (5) provided therein, at least one suction jet pump (8) fed from the feed (9) of the fuel delivery pump (6) for filling the surge tank or for draining at least one further volume arranged inside the fuel tank or formed by the fuel tank into the surge tank (5) or into the volume of the fuel tank in which the surge tank (5) is arranged. The fuel tank according to the invention is characterized in that at least one suction jet pump (8) is connected, in that it takes fuel alternately, depending on the tank fill level, from several volumes (3, 4, 12) arranged or formed inside the fuel tank or it can be operated intermittently depending on the tank fill level.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.711/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : A METHOD OF TESTING/SCREENING THE SUITABILITY OF COKE FOR BLAST FURNACE IRON MAKING

(51) International classification	:C10B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JSW STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :SALEM WORKS, POTTANERI P.O.,
(33) Name of priority country	:NA	MECHERI, METTUR TALUK, SALEM DISTRICT - 636 453
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)NAGASHANMUGAM, KRISHNACHETTY
(61) Patent of Addition to Application Number	:NA	BOMMANNAN
Filing Date	:NA	2)PILLAI, MURUGESA SIVASUBRAMONIA
(62) Divisional to Application Number	:NA	3)SATHAYE, JAYANT MORESHWAR
Filing Date	:NA	4)BHATTACHARYA, HIRONMOY

(57) Abstract :

A method of testing/screening the suitability of coke for blast furnace iron making and ,in particular, a cost effective method for testing/screening the suitability of different coal blend samples by converting to prepared samples of coke involving a simple box test by filling coal blend of desired size fraction, duly moisturized and homogenized, in a cubic box of desired size made of sheet metal preferably SS, stamped to desired bulk density, carbonized by charging in coke ovens before the bulk manufacture of coke and then carrying out CRI(Coke Reactivity Index) and CSR(Coke Strength after Reactivity) analysis of the coke sample so obtained to thereby determine the suitability of the coal blend for coke for use in blast furnace. The coke obtained by box test having a maximum of 25% CRI and a minimum of 64% CSR are found to be suitable for blast furnace operation, saving cost of production and improving blast furnace productivity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3898/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : PLANTS HAVING ENHANCED YIELD-RELATED TRAITS AND A METHOD FOR MAKING THE SAME□

(51) International classification	:C12N15/82
(31) Priority Document No	:09175997.7
(32) Priority Date	:13/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/067164
Filing Date	:10/11/2010
(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)BASF PLANT SCIENCE COMPANY GMBH
Address of Applicant :67056 Ludwigshafen Germany

(72)**Name of Inventor :**
1)HATZFELD Yves
2)REUZEAU Christophe
3)FRANKARD Valerie

(57) Abstract :

The present invention relates generally to the field of molecular biology and concerns a method for enhancing various economically important yield-related traits in plants. More specifically, the present invention concerns a method for enhancing yield-related traits in plants by modulating expression in a plant of a nucleic acid encoding an O-FUT polypeptide, or a By-Pass (BPS) polypeptide, or a SI21 polypeptide, or a bZIP-S polypeptide, or a SPA15-like polypeptide. The present invention also concerns plants having modulated expression of a nucleic acid encoding an O-FUT polypeptide, or a By-Pass (BPS) polypeptide, or a SI21 polypeptide, or a bZIP-S polypeptide, or a SPA15-like polypeptide, which plants have enhanced yield-related traits relative to control plants. The invention also provides hitherto unknown an O-FUT , or By-Pass (BPS) polypeptide, or SI21, or bZIP-S, or SPA15-like -encoding nucleic acids, and constructs comprising the same, useful in performing the methods of the invention.

No. of Pages : 203 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4420/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD AND DEVICE FOR DISPLAYING APPLICATION IMAGE

(51) International classification :G06F9/44
(31) Priority Document No :200910236697.1
(32) Priority Date :28/10/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/077902
Filing Date :20/10/2010
(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

(71)Name of Applicant :
1)CHINA MOBILE COMMUNICATIONS CORPORATION
Address of Applicant :29 Jinrong Ave. Xicheng District
Beijing 100032 China
(72)Name of Inventor :
1)WANG Yonghui

(57) Abstract :

A method and a device for displaying an application image are provided, and the method includes the following steps: receiving a display request from a second operating system, and reading the application image stored in a storage area; judging whether it is required to process the application image through a window manager according to the configuration of the local image display system, and if required, sending the application image to the window manager, and sending the application image processed by the window manager to a display graphics library for processing; if not, directly sending the application image to the display graphics library for processing; and acquiring the location of the display memory through a display driver, sending the application image processed by the display graphics library to the display memory, and displaying the application image through the display memory. Using the solution, the application image of the installable operating system can be displayed in the local operating system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.713/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : DESIGN AND SYNTHESIS OF UNSYMMETRICALLY SUBSTITUTED UREA BASED SMALL MOLECULES AS POTENT ANTIGLYCATING AGENTS

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GOMATHI PERIYASAMY
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF
(33) Name of priority country	:NA	PHARMACEUTICAL CHEMISTRY, VAAGDEVI COLLEGE
(86) International Application No	:NA	OF PHARMACY, RAMNAGAR, KISHANPURA,
Filing Date	:NA	WARANGAL - 506 001 Andhra Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)UMASANKAR KULANDAIVELU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Unsymmetrically substituted urea based small molecules were synthesized (compounds PG1 to PG16) by treating substituted aromatic amines with substituted alkyl or aryl halides. The structures of the synthesized compounds were established on the basis of elemental analysis, IR, ¹H NMR and mass spectral data. Since these compounds possessed urea moiety which is characteristic of currently available antidiabetic agents, they were evaluated for their antiglycating activity. All the synthesized compounds showed potent antiglycating activity than the standard rutin (IC₅₀ 40.19 μM). Among the compounds tested, PG16 exhibited a much lower IC₅₀ value of 0.25 μM.

No. of Pages : 30 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.736/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARING RALTEGRAVIR

(51) International classification	:B25B	(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)DANDALA, RAMESH
(61) Patent of Addition to Application Number	:NA	2)VELLANKI, SIVA RAMA PRASAD
Filing Date	:NA	3)BALUSU, RAJA BABU
(62) Divisional to Application Number	:NA	4)JAVVAJI, RAJESWARA RAO
Filing Date	:NA	5)RAVI, MASTAN RAO

(57) Abstract :

The present invention provides an improved process for the preparation of Raltegravir comprising, condensing free amine compound of formula III with an oxadiazole derivative of formula IV in presence of a dehydrating agent and a base in a suitable solvent. The present invention also relates to conversion of Raltegravir into its pharmaceutically acceptable salts.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.737/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SAFETY ASSEMBLY FOR AN ELECTRIC FLUID HEATING APPARATUS

(51) International classification	:H01M	(71) Name of Applicant :
(31) Priority Document No	:NA	1)A.O.SMITH INDIA WATER HEATING PRIVATE
(32) Priority Date	:NA	LIMITED
(33) Name of priority country	:NA	Address of Applicant :PLOT NO. 300 KIADB INDUSTRIAL
(86) International Application No	:NA	AREA PHASE II HAROHALLI, KANAKAPURA TALUK
Filing Date	:NA	RAMANAGARA DISTRICT 562 112 Karnataka India
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)RAJESH BHAKTA
Filing Date	:NA	2)ANSHUMAN SHARMA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a safety assembly for an electric fluid heating device having a fluid tank. The safety assembly comprises a spud and an electrically non-conductive coupler. The spud may comprise an open first end, an open second end and a conduit extending therebetween, such that the open first end is configured for fluid tight engagement of the spud with the fluid tank at an opening in the fluid tank. The electrically non-conductive coupler may comprise an open first end, an open second end and a conduit extending therebetween, such that the open first end of the coupler is configured for fluid tight engagement with the open second end of the spud. The open second end of the coupler may be configured for fluid tight engagement with an inlet or outlet pipe. The invention additionally comprises an electric fluid heating apparatus having a safety assembly.

No. of Pages : 22 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3926/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : INTERACTIVE ELECTRONIC DOCUMENT□

(51) International classification :G06F17/00

(31) Priority Document No :61/272,545

(32) Priority Date :05/10/2009

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

(86) International Application No :PCT/AU2010/001301

Filing Date :04/10/2010

(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)FABTALE PRODUCTIONS PTY LTD

Address of Applicant :68/3645 Main Beach Parade Main
Beach Queensland 4217 Australia.

(72)Name of Inventor :

1)SHAFFER Frank

(57) Abstract :

A method for providing an electronic document to a user in which the electronic document has one or more pages and one or more content placeholders associated with the pages. The method includes the steps of: providing content for insertion into the electronic document inserting content into one or more content placeholders in response to a request by the user and displaying the one or more pages of the electronic document with the content inserted in the one or more content placeholders.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4331/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD FOR MOBILE RECEPTION OF MULTIMEDIA BROADCAST MULTICAST SERVICE BY USER EQUIPMENT AND USER EQUIPMENT

(51) International classification	:H04W36/00
(31) Priority Document No	:201010114503.3
(32) Priority Date	:12/02/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/070855
Filing Date	:31/01/2011
(87) 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)Wei GOU

(57) Abstract :

Disclosed in the present invention are a method for mobile reception of a multimedia broadcast multicast service (MBMS) by a user equipment and a user equipment. The method includes: when a UE moves from a source cell to a target cell the UE judges whether the UE will move out of or has already moved out of one or more multimedia broadcast multicast single frequency network (MBSFN) areas.

No. of Pages : 34 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4332/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : IMPLEMENTING METHOD AND DEVICE FOR VIRTUAL LOCAL AREA NETWORK STACK ACCESSING VIRTUAL PRIVATE WIRE SERVICE

(51) International classification :H04L12/46
(31) Priority Document No :200910241265.X
(32) Priority Date :27/11/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/076881
Filing Date :14/09/2010
(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)Tingshan PAN

(57) Abstract :

The present invention discloses an implementation method for a Virtual Local Area Network Stacking (QINQ) accessing a Virtual Private Wire Service (VPWS), including: setting a self-loop port of a switch; modifying an original Multi-Protocol Label Switching (MPLS) configuration of the switch, so that an MPLS label is stripped from an MPLS packet which enters through a network side port to obtain a QINQ packet and then send through the self-loop port, and replacing an outer Virtual Local Area Network (VLAN) label of the QINQ packet with an arbitrary value; replacing the two layers of VLAN labels of the QINQ packet with the two layers of VLAN labels of the user side port according to a corresponding relation between the arbitrary value and the two layers of VLAN labels of the user side port; redirecting the QINQ packet to the user side port according to a corresponding relation between the two layers of VLAN labels of the user side port and the user side port. With the present invention, a replacement of the two layers of VLAN labels of the QINQ packet can be implemented.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.703/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : NOVEL POLYMORPHS OF N-[2-AMINO-4-[4-FLUOROBENZYLAMINO]-PHENYL] CARBAMIC ACID ETHYL ESTER AND PROCESSES THEREOF

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SYMED LABS LIMITED

Address of Applicant :8-3-166/6 & 7, II FLOOR, SREE
ARCADE, ERRAGADDA, HYDERABAD - 500 018 Andhra
Pradesh India

(72)Name of Inventor :

1)DODDA MOHAN RAO

2)KIRLA HARITHA

(57) Abstract :

The present invention provides novel crystalline polymorphs of N-[2-amino- -(4-fluorobenzylamino)-phenyl] carbamic acid ethyl ester, processes for their preparation and pharmaceutical compositions comprising them.

No. of Pages : 30 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4508/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : STABLE PROTECTIVE COATINGS FOR PHARMACEUTICAL DOSAGE FORMS

(51) International classification :A61K9/16
(31) Priority Document No :09174372.4
(32) Priority Date :28/10/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/065848
Filing Date :21/10/2010
(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)BASF SE
Address of Applicant :67056 Ludwigshafen Germany
(72)Name of Inventor :
1)KOLTER Karl
2)ANGEL Maximilian
3)BREINER Thomas

(57) Abstract :

Stable protective coatings for pharmaceutical dosage forms A coating material, containing a mixture of i) a polymer obtained by radical polymerization from a) N,N-diethylaminoethyl methacrylate, and b) at least one radically polymerizable compound, selected from esters of α , β -ethylenically unsaturated mono- and dicarboxylic acids with C1-C8 alkanols, as component A, ii) one or more antioxidants as component B, iii) one or more plasticizers as component C, and iv) other excipients as components D, wherein the total amount of the mixture of components A-D is 100 wt.%.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4509/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : A DEVICE AND A METHOD FOR IMPROVED FOLDING OF A CONTAINER

(51) International classification :B65B61/24

(31) Priority Document No :0901479-6

(32) Priority Date :24/11/2009

(33) Name of priority country :Sweden

(86) International Application No :PCT/SE2010/000273

Filing Date :12/11/2010

(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)Tetra Laval Holdings & Finance S.A.

Address of Applicant :Avenue Gnral-Guisan 70 CH-1009
Pully Switzerland

(72)Name of Inventor :

1)FLORENTZSON Markus

2)NYHL%N Mats

3)M...NSSON Johnny

(57) Abstract :

A device apparatus and method for facilitating folding of a container (100) comprising a first flattening element (302a) and a second flattening element (302b) arranged to flatten a first end portion (108a) and a second end portion (108b) of a sealed end (102) of the container (100) respectively. By flattening the first and second end portions (108a 108b) these are made thinner which in turn facilitates folding of the first end portion (108a) and the second end portion (108b) towards a middle portion (110) of the sealed end (102) placed between the first end portion (108a) and the second end portion (108b).

No. of Pages : 23 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.716/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : A UNIQUE METHOD FOR BLIND ADAPTIVE ANALOG BEAMFORMING USING A SINGLE DETECTOR OUTPUT

(51) International classification	:H01Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S BHARAT ELECTRONICS LIMITED
(32) Priority Date	:NA	Address of Applicant :NAGAVARA, OUTER RING ROAD,
(33) Name of priority country	:NA	BANGALORE - 560 045 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MRS. RAJASREE KADAMULLI PUTHANVEETIL
(87) International Publication No	: NA	2)MS. SWETHA POTTEKATT MOHANLAL
(61) Patent of Addition to Application Number	:NA	3)MR. NIDHIN KIZHAKKEN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The method of the present invention brings in adaptability to an analog beamforming system. Using this method, beam steering and nulling can be done adaptively by processing the detected output at the microwave analog beamformer without any a priori knowledge of the desired signal direction. Optimum weighting coefficients for efficient beamforming is accomplished with variable phase shifters and attenuators. The adaptive method described demand processing of only the beamformer output signal and hence do not require monitoring of the received signal at each antenna array element. A Constant Envelope Method (CEM) is used to find optimum weighting coefficients for efficient beamforming. Microwave analog beamformer based on this method can reduce the hardware complexity since it does not require processing of received signals at the each of the antenna elements. CEM requires only the envelope of the microwave beamformer output signal and hence reduces hardware and computational complexities.

No. of Pages : 24 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4498/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DE-OILING MAGNETIC SOLID WASTE□

(51) International classification	:B03C1/16
(31) Priority Document No	:61/254,266
(32) Priority Date	:23/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/053992
Filing Date	:25/10/2010
(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)AMIRAN Mohsen C.
Address of Applicant :308 S. Mount Prospect Rd Des Plaines
IL 60016-2836 United States of America
(72)**Name of Inventor :**
1)AMIRAN Mohsen C.

(57) Abstract :

Disclosed are a method and apparatus for treating oil-containing particulates such as mill sludge comprising applying a treatment solution to a particulate feed stream to form a treated slurry applying a mechanical disrupter to the treated slurry to reduce an average particulate size applying a magnetic separator to the treated slurry to form a ferrous slurry and applying a thermal separator to the ferrous slurry to extract a hydrocarbon portion and produce a ferrous product stream. This basic method and the associated apparatus may be modified in a number of ways including for example applying a sizing operation to the oil-containing particulates to remove larger particles from the particulate feed stream condensing a volume of the hydrocarbon portion or using magnetic separators of varying strength to provide ferrous slurries of varying ferrous content.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.564/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 (HIV-1) DETECTION METHOD AND KIT THEREFOR

(51) International classification	:C12Q 1/68
(31) Priority Document No	:61/223,638
(32) Priority Date	:07/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SG2010/000257
Filing Date	:07/07/2010
(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)AGENCY FOR SCIENCE TECHNOLOGY AND RESEARCH
Address of Applicant :1 Fusionopolis Way #20-10 Connexis Singapore 138632 Singapore
2)TAN TOCK SENG HOSPITAL
(72)**Name of Inventor :**
1)INOUE Masafumi
2)NG Oon Tek

(57) Abstract :

The invention provides oligonucleotide(s) for simple specific and/or sensitive test(s) for the presence of HIV-1. In particular the present invention provides oligonucleotide(s) for test(s) for HIV-1. Kit(s) comprising the oligonucleotide(s) for use as probe(s) and/or primer(s) useful in the test(s) are also provided.

No. of Pages : 48 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.754/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : TORQUE AND AXIAL FORCE INDICATING FASTENER ASSEMBLY

(51) International classification	:F16B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:NA	Address of Applicant :35, RUE JOSEPH MONIER, F-92500
(33) Name of priority country	:NA	RUEIL MALMAISON France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ANANTH PRABHU
(87) International Publication No	: NA	2)SATHISH KUMAR
(61) Patent of Addition to Application Number	:NA	3)ANKUR AGARWAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a torque and axial force indicating fastener assembly (101) for securing a mechanical work piece (102). The fastener assembly (101, comprises a bolt (103), a nut (104), a deformable resilient washer (105) and a visual indicating means (106). The visual indicating means (106) is used as an indicative of the optimum torque that is required to be imparted to the fastener assembly (101) for firmly securing the mechanical work piece (102). The annular region (113) of said resilient washer (105) is provided with at least a see through means (114) for establishing visual contact with said visual indicating means (106) only when the torque or the axial force applied to said fastener assembly (101) reaches a predetermined value.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4399/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : VACUUM CLEANER

(51) International classification :A47L5/36
(31) Priority Document No :09178626.9
(32) Priority Date :10/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/054260
Filing Date :21/09/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)Name of Inventor :
1)VAN DER KOOI Johannes Tseard
2)VOORHORST Fokke Roelof
3)DE WIT Bastiaan Johannes

(57) Abstract :

A vacuum cleaner (1 21 41 51) for dry dust comprises at least a dust chamber (3 23 43 53) and a fan unit (13 63) which dust chamber (3 23 43 53) is provided with an air inlet opening (7 27 57) and an air outlet opening (8 28) communicating with the fan unit (13 63). The dust chamber (3 23 43 53) comprises a movable body (9 29 59) for restricting air flow through the dust chamber (3 23 43 53). In use the movable body (9 29 59) is located on dry dust collected in the dust chamber (3 23 43 53) due to kinematic sorting between the movable body (9 29 59) and the dry dust.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4536/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : DRIVING MODES FOR LIGHT CIRCUITS

(51) International classification	:H05B33/08
(31) Priority Document No	:09178919.8
(32) Priority Date	:11/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/055518
Filing Date	:01/12/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)DEPPE Carsten

(57) Abstract :

Driver circuits (1) for driving load circuits (2) comprising first and second light circuits (21-22 71-72) are in first / second modes for input voltages having first / second voltage amplitudes the second voltage amplitudes being larger than the first voltage amplitudes. The first light circuits (21 71) are on in the first and second modes. The second light circuits (22 72) are off in the first modes and are on in the second modes. A control circuit (31-34 41 42 81-84 101 121-130) controls amplitudes of currents flowing through at least the first light circuit (21 71) in dependence of the modes to extend control. These currents may get smaller current amplitudes in higher modes. Light outputs of the first light circuit (21 71) may get smaller in higher modes. A total light output of all light circuits (21-22 71-72) may remain substantially constant during all modes.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4537/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYSTEM AND METHOD FOR GENERATING GRAPHICAL REPRESENTATION OF PATIENT STATUS

(51) International classification	:G06F19/00
(31) Priority Document No	:61/285576
(32) Priority Date	:11/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055782
Filing Date	:13/12/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)ROSENFELD Brian
2)BRESLOW Michael Joseph
3)LINDELL Mark

(57) Abstract :

A graphical representation of patient status. A smart graphic is created by a smart graphic generator from data associated with a patient. The smart graphic may represent a state of various physiological systems at a point in time and provide other patient data of interest to a healthcare provider in graphical form. The smart graphic may be continuously updated with the most current patient state information. The smart graphic may also permit the healthcare provider immediate interactive access to the data underlying the graphical representations and data related thereto.

No. of Pages : 29 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.741/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : INTERNAL COMBUSTION ENGINE

(51) International classification

:F01L

(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)TVS MOTOR COMPANY LIMITED

Address of Applicant :JAYALAKSHMI ESTATES,
NO.29(OLD NO.8)HADDOWS ROAD, CHENNAI - 600 006
Tamil Nadu India

(72)Name of Inventor :

1)THIRUVALLUR LOGANATHAN

BALASUBRAMANIAN

2)VARADHA IYENGAR LAKSHMINARASIMHAN

(57) Abstract :

The present subject matter discloses a lash noise damping system incorporated in a valve train comprising of a working combination of a sliding member and a spring member. The system provides a simple mechanical setup for effectively dampening increased noise during increased valve lash conditions by reducing the impact load between the rocker arm and the valve involved.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.699/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : A METHOD AND SYSTEM TO FACILITATE MAKING AND RECEIVING OF CALLS FROM ONE MOBILE STATION USING ANOTHER USER'S ACCOUNT

(51) International classification	:H04W	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ALCATEL LUCENT
(32) Priority Date	:NA	Address of Applicant :3 AVENUE OCTAVE GREARD
(33) Name of priority country	:NA	75007 PARIS France
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SANJIV SINDWANI
(87) 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 embodiments disclosed herein relate to a method and system for triggering one user account through another user account, in mobile communication as disclosed in the embodiments herein. To make a call from second party's device, first party user registers his/her MSISDN with the second party's account by dialing a USSD string from the second party device. Further, when a call is made from the second party's device, the system connects the call deducting charge from first party account. To receive calls to a second party's device, the first party registers second party MSISDN with first party account by dialing a USSD string from the second party's device. Further, when the first party receives a call, the system diverts the call to the registered second party MSISDN and may or may not charge the first party for the received call, based on location of the second party device. .

No. of Pages : 31 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.742/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : DECOMPRESSION DEVICE FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification

:F01L

(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)TVS MOTOR COMPANY LIMITED

Address of Applicant :JAYALAKSHMI ESTATES,
NO.29(OLD NO.8)HADDOWS ROAD, CHENNAI - 600 006
Tamil Nadu India

(72)Name of Inventor :

1)THIRUVALLUR LOGANATHAN

BALASUBRAMANIAN

2)MD SABA MATLUB

3)VARADHA IYENGAR LAKSHMINARASIMHAN

(57) Abstract :

A decompression device functional within an operating range of an internal combustion engine is presented. The operational zone of an arm of the decompression device is always less than the envelope formed by profile of the proximate cam involved. The construction of the device eliminates the need of a holder leading to weight and cost reduction in the cylinder head.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.714/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYSTEM AND METHOD FOR COMMUNICATING HEALTH PARAMETERS OF AN OCCUPANT IN AN AUTOMOBILE AND A DYNAMIC OPERATION OF THE AUTOMOBILE AND HOME AUTOMATION

(51) International classification	:G05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAJENDRA PADMA SADHU
(32) Priority Date	:NA	Address of Applicant :8-3-317, FLAT NO. 101D, MARUTHI
(33) Name of priority country	:NA	HEIGHTS APARTMENTS, YOUSUFGUDA, HYDERABAD -
(86) International Application No	:NA	500 045 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAJENDRA PADMA SADHU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System and method for communicating health parameters of an occupant in an automobile and a dynamic operation of the automobile and home automation are disclosed. The system includes a functional device configured to (a) reading and relaying health parameters from authorized occupant in the automobile (b) receive and relay commands from the authorized occupant for an automated operation of the automobile (b) reading and relaying signals from a home automation server connected to at least one sensor positioned at a predetermined location and (c) reading and relaying a plurality of signals from a home automation server, whereby the home automation server connected to at least one sensor positioned at a predetermined location. The system further includes an automobile management module positioned in the automobile to operate the automobile and to customize the functionalities associated to the automobile and a home automation in communication with the home automation sensors.

No. of Pages : 19 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.715/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : THROTTLE BASED STARTING FOR ELECTRIC START BASED 2 WHEELERS

(51) International classification	:F02D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :NO. 29, HADDOWS ROAD,
(33) Name of priority country	:NA	CHENNAI - 600 006 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KABBINA SHIVATARAK PRANATHI
(87) International Publication No	: NA	2)ARUMUGHAM SIVAKUMAR
(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 throttle based starting for electric start based two wheelers. This invention provides an alternate way to start the vehicle by applying brake switch and increasing the throttle simultaneously. The control circuit 50 is responsible to check if the throttle switch 30 and brake switches 40A and 40 B is ON at the same time and the vehicle output 80 is OFF. If these conditions are satisfied, the relay 60 gets energized, by virtue of which the engine gets started.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.735/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : AN EXTRUDER ELEMENT

(51) International classification

:B29C

(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)STEER ENGINEERING PRIVATE LIMITED

Address of Applicant :290, 4TH MAIN, 4TH PHASE,
PEENYA INDUSTRIAL AREA, BANGALORE - 560 058
Karnataka India

(72)Name of Inventor :

1)BABU PADMANABHAN

(57) Abstract :

An element for co-rotating twin screw extruder is disclosed. The element for co-rotating twin screw extruder comprises of a continuous flight helically formed thereon having a lead 'L', wherein either the flight transforms at least once from an integer lobe flight into a non-integer lobe flight in a fraction of the lead 'L' and transforms back to an integer lobe flight in a fraction of the lead 'L' or the flight transforms at least once from a non-integer lobe flight into an integer lobe flight in a fraction of the lead 'L' and transforms back to a non-integer lobe flight in a fraction of the lead 'L'.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4444/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING QUALITY OF SERVICE IN WIDE-AREA MESSAGING FABRIC

(51) International classification :G06F15/173

(31) Priority Document No :12/625,437

(32) Priority Date :24/11/2009

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

(86) International Application No :PCT/US2010/053032

Filing Date :18/10/2010

(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)International Business Machines Corporation

Address of Applicant :New Orchard Road Armonk New York 10504 USA.

(72)Name of Inventor :

1)KARENOS Kyriakos

2)YE Fan

3)KIM Minkyong

4)LEI Hui

5)PENDARAKIS Dimitrios

6)YANG Hao

(57) Abstract :

Techniques for transmitting data according to at least one quality of service requirement. A message path is calculated specifying a sequence of broker computers selected from a network of interconnected broker computers. The message path is statistically estimated to fulfill the at least one quality of service requirement. Quality of service metrics are received about the network of interconnected broker computers. If the message path is determined not to fulfill the quality of service requirement a new message path is calculated specifying a new sequence of broker computers selected from the network of interconnected broker computers. The new message path is statistically estimated to fulfill the at least one quality of service requirement.

No. of Pages : 83 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4194/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : OXYGEN DEPLETION DEVICES AND METHODS FOR REMOVING OXYGEN FROM RED BLOOD CELLS□

(51) International classification	:A01N1/02
(31) Priority Document No	:61/250,661
(32) Priority Date	:12/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052376
Filing Date	:12/10/2010
(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)NEW HEALTH SCIENCES INC.

Address of Applicant :6903 Rockledge Drive Suite 230
Bethesda MD 20817-1818 United States of America

2)UNIVERSITY OF PITTSBURGH

(72)Name of Inventor :

1)FEDERSPIEL WILLIAM J.

2)YOSHIDA Tatsuro

3)VERNICCI Paul J.

4)FRANKOWSKI Brian J.

(57) Abstract :

An oxygen depletion device. The device has a cartridge; a plurality of hollow fibers extending within the cartridge from an entrance to an exit thereof; an amount of an oxygen scavenger packed within the cartridge and contiguous to and in between the plurality of hollow fibers. The hollow fibers are adapted to receiving and conveying red blood cells. There is another embodiment of an oxygen depletion device and method for removing oxygen from red blood cells.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4479/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : AQUATIC PROPULSION SYSTEM

(51) International classification	:B63H16/08
(31) Priority Document No	:2009905238
(32) Priority Date	:21/10/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001397
Filing Date	:21/10/2010
(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)Arpad Papp

Address of Applicant :35 Kaiber Avenue Yanchep Perth
Western Australia 6035 Australia

(72)Name of Inventor :

1)Arpad Papp

(57) Abstract :

An aquatic propulsion system comprising a body (104) a propulsion means to propel the body through water and an energy storage device adapted to be charged and discharged wherein in use as the energy storage device is discharged the propulsion means moves in a first direction during which the propulsion means propels the system through the water. The propulsion means typically comprises a tail (106) extending to the rear of the body (104) and a fin (114) which is attached to the tail.

No. of Pages : 38 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.671/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR PREDICTING ABNORMAL TEMPERATURE OF A SERVER ROOM USING HIDDEN MARKOV MODEL

(51) International classification	:G05B	(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)ANIMIKH GHOSH
(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 system and method for predicting abnormal temperature of a server room using Hidden Markov model. This invention involves capturing the real temperature value at a given point of time through sensors and determining that the temperature patterns follow the Normal Distribution. Then the Hidden Markov model is designed that works on the Normal Distributed data to help in predicting the future temperature with some probability.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.724/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : DEVICE AND METHOD TO PREVENT UNINTENDED ACTIVATION OF A TRACTION CONTROL OF A VEHICLE

(51) International classification	:B60G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED
(32) Priority Date	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(33) Name of priority country	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	2)ROBERT BOSCH GMBH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MANOJ MOHAMED
Filing Date	:NA	2)KIRANKUMAR T T
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device to prevent unintended activation of a traction control of a vehicle is prescribed. The device comprises, a suspension determining means to determine a state of suspension of at least one front wheel of the vehicle and determine a state of suspension of at least one rear wheel of the vehicle, a speed determination means to determine the speed of rotation of at least one front wheel of the vehicle and determine the speed of rotation of at least one rear wheel of the vehicle, an acceleration determination means to determine an acceleration value of the vehicle, wherein the device prevents activation of the traction control when the state of suspension of at least one front wheel of the vehicle and the state of suspension of at least one rear wheel of the vehicle is outside an operating range and the speed of rotation of at least one wheel of the vehicle is above a speed limit and corresponding to an acceleration value of the vehicle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.687/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : IMPROVED AUTOMATED MULTY LAYERED PAROTTA PRODUCTION PROCESS

(51) International classification

:A21C

(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)ELILARASAN DHANDAPANI

Address of Applicant :155 OLD NO.C107 MANIKAM
STREET GANDHI NAGAR UDUMALPET India

(72)Name of Inventor :

1)ELILARASAN DHANDAPANI

(57) Abstract :

Multi layered parotta bread production process comprise as 2 stages. Shows the automated multi layered parotta bread production process Stage 1 Referring to the flow chart the automatic process comprises a mixer (I) thin dough sheeter (II) and freezer (III). Mixer assists to make a wheat flour/maida dough. Dough sheeter assists to make a round thin dough sheet layered roll (figure 3) dough. Sheet folding we can make as per baking sheet norms single fold (figure 5) double fold or book fold (figure 6) or all of them can do for make dough roll. Freezer assists to make a round layered dough roll stick. Shows the automated multi layered parotta bread production processes stage 2. More fully described in attachment

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.706/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : A GROUP HANDOVER METHOD AND SYSTEM IN WIRELESS COMMUNICATION SYSTEM THAT SUPPORTS MOBILE RELAY STATION

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Tejas Networks Limited
(32) Priority Date	:NA	Address of Applicant :2nd floor GNR Tech Park 46/4
(33) Name of priority country	:NA	Garbebhavi Palya Kudlu Gate Hosur main road Bangalore 560
(86) International Application No	:NA	068 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VINOD KUMAR MADALIAH
(61) Patent of Addition to Application Number	:NA	2)ROHIT KUMAR
Filing Date	:NA	3)SANIL R C
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a communication method system relay node enode-B and Mobile Management Entity (MME) for use in a wireless network with a handover function. In one embodiment this is accomplished by receiving measurement report message from all the user equipments (UEs) by the DenB forming a compact/digest group message based on the received measurement report message from all the UEs initiating a group handover request for all the user equipments by the Donor enode B to the target enode B wherein the step of initiating is based on the measurement report received by the DenB from each UE and initiating the group handover procedure for all the UEs by the Donor enode B towards the Target enode B wherein the group handover procedure is executed over X2 interface or via MME over S1 interface.

No. of Pages : 36 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.728/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : A PROCESS FOR MANUFACTURING NATA-DE-COCO

(51) International classification	:C12P	(71) Name of Applicant :
(31) Priority Document No	:NA	1)UNIVERSITY OF AGRICULTURAL SCIENCES
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF
(33) Name of priority country	:NA	AGRICULTURAL MICROBIOLOGY, UNIVERSITY OF
(86) International Application No	:NA	AGRICULTURAL SCIENCES, GKV K CAMPUS,
Filing Date	:NA	BANGALORE - 560 065 Karnataka India
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)NARAYANASWAMY B.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a process for manufacturing Nata-de-coco, comprising the following steps: i) treating a coconut substance with at least one nutrient; ii) inoculating the treated coconut substance with a microbial consortium containing Gluconoacetobacter Xylinum and yeast to obtain inoculated coconut substance; iii) fermenting the inoculated coconut substance to produce Nata-de-coco; and iv) harvesting Nata-de-coco therefrom.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4461/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD FOR DISTILLING MIXTURES COMPRISING ETHYLENE DIAMINE N-METHYLETHYLENE DIAMINE AND WATER AND MIXTURES OF ETHYLENE DIAMINE AND N-METHYLETHYLENE DIAMINE HAVING A LOW CONTENT OF N-METHYLETHYLENE DIAMINE OBTAINABLE THEREBY □

(51) International classification	:C07C209/84
(31) Priority Document No	:09177776.3
(32) Priority Date	:02/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/068469
Filing Date	:30/11/2010
(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)BASF SE

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor :

1)JODECKE MICHAEL

2)PASTRE JORG

3)HUGO RANDOLF

(57) Abstract :

The present invention relates to a mixture of ethylenediamine (EDA) and N-methy--ethylenediamine (Me-EDA) with a low content ff Me-EDA, which comprises at least 99.5% by weight of ethylenediamine, and wherein the concentration of N-methylethylenediamine is in the range from 0.005 to 0.15% by weight. The present invention further relates to a process for distillative workup of a mixture comprising EDA, Me-EDA and water, by introducing the mixture into a distillation column which is operated at a column top pressure of 10 mbar to 4 bar, wherein the weight ratio of water to ethylenediamine in the mixture used is $aX : Y$ where X is the proportion by weight of water and Y is the proportion by weight of ethylenediamine at the azeotropic point of a binary mixture of water and ethylenediamnee at the column top pressure in question, and a is a real number with a value of 0.9 or more. The present invention further provides a process for preparing a distillable mixture comprising EDA, Me-EDA and water, which is suitable for preparing EDA with a low Me-EDA content.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4188/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : BLOOD STORAGE BAG SYSTEM AND DEPLETION DEVICES WITH OXYGEN AND CARBON DIOXIDE DEPLETION CAPABILITIES□

(51) International classification	:A61M1/34
(31) Priority Document No	:61/250,661
(32) Priority Date	:12/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052084
Filing Date	:08/10/2010
(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)NEW HEALTH SCIENCES INC.

Address of Applicant :6903 Rockledge Drive Suite 230
Bethesda MD 20817-1818 United States of America

(72)Name of Inventor :

1)YOSHIDA Tatsuro

2)VERNICCI Paul J.

(57) Abstract :

A blood storage system. The system has a collection bag for red blood cells; an oxygen/carbon dioxide depletion device; a storage bag for red blood cells; and tubing connecting the collection bag to the depletion device and the depletion device to the storage bag. The depletion device includes a receptacle of a solid material having an inlet and an outlet adapted to receiving and expelling a flushing gas; a plurality of hollow fibers or gas-permeable films extending within the receptacle from an entrance to an exit thereof. The hollow fibers or gas-permeable films are adapted to receiving and conveying red blood cells.

No. of Pages : 46 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.708/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : NOVEL PROCESS FOR THE PREPARATION OF PROSTAGLANDIN DERIVATIVES

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MSN LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :FACTORY: SY. NO: 317 & 323,
(33) Name of priority country	:NA	RUDRARAM (VIL), PATANCHERU (MDL), MEDAK (DIST) -
(86) International Application No	:NA	502 329 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SRINIVASAN THIRUMALAI RAJAN
(61) Patent of Addition to Application Number	:NA	2)MUPPA KISHORE KUMAR
Filing Date	:NA	3)GHOJALA VENKAT REDDY
(62) Divisional to Application Number	:NA	4)MUDDASANI RAMAKRISHNA
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for the preparation of (Z)-7[(1R,2R,3R,5S)-3,5-dihydroxy-2-[(1E,3S)-3-hydroxy-5-phenyl-1-pentenyl]cyclopentyl] 5-N-ethylheptenamide compound of formula-1 represented by the following structural formula through a novel intermediate i.e., (3aR,4R,5R,6aS)-4-[(1E,3S)-3-hydroxy-5-phenylpent-1-enyl)-5-(triethylsilyloxy) hexahydro-2H-cyclopenta[b]furan-2-ol compound of formula-8.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4530/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SHARED CACHE FOR A TIGHTLY-COUPLED MULTIPROCESSOR

(51) International classification :G06F13/00

(31) Priority Document No :61/254,706

(32) Priority Date :25/10/2009

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

(86) International Application No :PCT/IB2010/054809

Filing Date :24/10/2010

(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)PLURALITY LTD.

Address of Applicant :3 Hanotea Street 42300 Netanya
Israel

(72)Name of Inventor :

1)NIMROD BAYER

2)PELEG AVIELY

3)SHAREEF HAKEEM

4)SHMUEL SHEM-ZION

(57) Abstract :

Computing apparatus (11) includes a plurality of processor cores (12) and a cache (10) which is shared by and accessible simultaneously to the plurality of the processor cores. The cache includes a shared memory (16) including multiple block frames of data imported from a level-two (L2) memory (14) in response to requests by the processor cores and a shared tag table (18) which is separate from the shared memory and includes table entries that correspond to the block frames and contain respective information regarding the data contained in the block frames.

No. of Pages : 57 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4535/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : DRIVER CIRCUIT FOR DRIVING A LOAD CIRCUIT

(51) International classification :H05B41/28
(31) Priority Document No :09178800.0
(32) Priority Date :11/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/055517
Filing Date :01/12/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)Name of Inventor :
1)DEPPE Carsten
2)HATTRUP Christian

(57) Abstract :

Driver circuits (1) for driving load circuits (2, 3) receive source signals from sources and provide feeding signals to the load circuits (2,3) and charging signals to capacitor circuits (21). These capacitor circuits (21) provide supporting signals to the load circuits (2, 3) in addition to the feeding signals. By providing the driver circuits (1) with control circuits (22) for controlling the supporting signals, the capacitor circuits (21) can become less bulky / costly and/or will limit the lifetime of the driver circuits (1) to a smaller extent. Further, these driver circuits (1) may get improved efficiencies. Said controlling may comprise controlling moments in time at which the supporting signals are offered to the load circuits (2, 3) or not, and/or may comprise controlling sizes of the supporting signals, and/or may be done in response to detection results from detectors (23) for detecting parameters of one or more signals. Said controlling may comprise switching via switches (24).

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.692/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : AN APPARATUS AND METHOD FOR CORRECTING MAGNETIC HEADING IN A PORTABLE DEVICE

(51) International classification	:G01R	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AIBIN PAUL LAZAR
(62) Divisional to Application Number	:NA	2)PRANAVA TRIPATHI
Filing Date	:NA	

(57) Abstract :

The present invention discloses an apparatus for correcting the magnetic heading in a portable device. The apparatus typically derives a correction parameter for the heading from a recursive estimator like a Kalman filter. The correction parameter is further utilized for correction of the heading for that iteration. The apparatus determines the correct magnetic heading using at least two magnetometers positioned with their corresponding axes at known angles to each other in said portable device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.712/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : A BATCH PROCESS TO MANUFACTURE HEXA-CHLORO ETHANE FROM LOWER CHLORINATED ETHYLENE BY PHOTOSYNTHESIS

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RANGACHARY VASUDEVAN
(32) Priority Date	:NA	Address of Applicant :101, PANORAMA, MOTILAL
(33) Name of priority country	:NA	ESTATE, MOTILAL NEHRU NAGAR, BEGUMPET,
(86) International Application No	:NA	HYDERABAD - 500 016 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RANGACHARY VASUDEVAN
(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 batch process to manufacture Hexa-Chloro Ethane from lower chlorinated ethylene (Per chloro Ethylene) using Solar energy. The said process provides chlorination due to the reaction setup to form Hexa-Chloroethane along with further chlorination process of the tail end chlorine gas for the formation of the final product. The final product is said to be moisture free, economical and safer to use in Aluminium smelter plants as Degassers in Micro and Small Industry.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.698/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : PROCESS FOR PREPARING FEBUXOSTAT COMPOSITION

(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 - 500 034 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GAHOI, SACHIN
(61) Patent of Addition to Application Number	:NA	2)VOBENABOINA, VIJAYKUMAR
Filing Date	:NA	3)RAJASEKHAR, CHETAN
(62) Divisional to Application Number	:NA	4)CHAKRABORTY, SANTANU
Filing Date	:NA	5)DESHMUKH, ABHIJIT

(57) Abstract :

The invention relates to oral film-coated tablet comprising febuxostat and one or more pharmaceutically acceptable excipients prepared by employing dry process, wherein the tablets are film-coated using dichloromethane or dichloromethane and isopropyl alcohol based film coating dispersion/ suspension to maintain febuxostat in its original polymorphic form.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.746/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : SIMPLIFIED PROCESS FOR EMBEDDED SYSTEM APPLICATION DEVELOPMENT

(51) International classification	:G06F	(71) Name of Applicant :
(31) Priority Document No	:NA	1)RAJU N.C
(32) Priority Date	:NA	Address of Applicant :C/O RAMACHANDAMURTHY,
(33) Name of priority country	:NA	NO.610, 3RD CROSS, 7TH MAIN, R.T.NAGAR, BANGALORE
(86) International Application No	:NA	- 560 032 Karnataka India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)RAJU N.C
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Existing technologies of designing embedded systems are much complex and requires more technical knowledge on embedded system. In the proposed way of designing an embedded system application, user need not to know about embedded system design stuffs like memory mapping, port mapping, interrupts handling etc The proposed method is to make the embedded system application development much simpler by writing program or tasks using user interface software developed by languages like Java, .Net, C, C++ and transfer the software generated context file to Embedded microcontroller which can read these tasks as commands to sense and take actions on peripherals of embedded system application. The process can be used as quick prototype development for small scale embedded system application.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.707/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR PROTECTION SWITCHING OF CLOCK SYNCHRONIZATION DURING CARD SWITCHOVER IN A REDUNDANT TRANSMISSION SYSTEM

(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)Tejas Networks Limited
Address of Applicant :2nd floor GNR Tech Park 46/4
Garbebhavi Palya Kudlu Gate Hosur main road Bangalore 560
068 Karnataka India

(72)**Name of Inventor :**
1)VINOD KUMAR MADALAH
2)VYASRAJ SATYANARAYANA

(57) Abstract :

The present invention relates to a method and system for protection switching of clock synchronization during card switchover in a redundant transmission system. In one embodiment this is accomplished by exchanging periodically timing information by a slave work card of a slave device with a master device clock to synchronize the time base reference clock precisely via first port on a line card blocking transmission of work control card upon detection of a fault unblocking the transmission of protect control card wherein the sync packets to other slave devices are sent via second port on a line card and distributing the timing information within the slave device by transmission system.

No. of Pages : 23 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.752/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : A LEVERAGE ASSEMBLY FOR INDICATING LOAD APPLIED ON A FASTENER

(51) International classification	:B60C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:NA	Address of Applicant :35, RUE JOSEPH MONIER, F-92500
(33) Name of priority country	:NA	RUEIL MALMAISON France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ANANTH PRABHU
(87) International Publication No	: NA	2)SATHISH KUMAR
(61) Patent of Addition to Application Number	:NA	3)ANKUR AGARWAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a leverage assembly for indicating load (torque) applied on a fastener (100), which comprises a lens sub-assembly (20) fitted into an offset indicator opening (10) that is placed on a top surface of the head portion (102) of the fastener. A fulcrum case member (30) comprises a head portion (31) and a shank portion (32) that is arranged with a hinge member (34) on its at least one side surface. A pointer lever member (40) is formed of an arm (41) having an indicator (45) at the arm free end, a shank (42), a projection portion (43) and a torsion spring portion (44). A pin member (50) having a head (51) and a shank (52), is reversely inserted and fitted in the inner circumference of the hollow region (106) through the free end of the fastener shank portion (104). The fulcrum case member, the pointer lever member and the pin member are assembled in the hollow region of the fastener in such a way that the torsion spring portion of the pointer lever member is engaged on the hinge member of the fulcrum case member, and that a tip of the pin member shank is in contact with a tip of the projection portion of the pointer lever member. Such leverage assembly provides reliable and accurate indication of the torque in the fastener even during tightening or loosening of the fastener.

No. of Pages : 24 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.753/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : TORQUE INDICATING SMART BOLT APPARATUS HAVING A FLUOROSCENT SENSOR

(51) International classification	:F16B	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:NA	Address of Applicant :35, RUE JOSEPH MONIER, F-92500
(33) Name of priority country	:NA	RUEIL MALMAISON France
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ANANTH PRABHU
(87) International Publication No	: NA	2)SATHISH KUMAR
(61) Patent of Addition to Application Number	:NA	3)ANKUR AGARWAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a torque indicating smart bolt apparatus having a neon PVC fluorescent (1) comprises a bolt including a bolt head (2) defining a torque indicator means (10) and a shank (3), a central bore (4) extended completely into the shank (3) , a plunger pin (5) disposed in said shank (3) and interconnected with said shank (3) by suitable means, a torque sensor means and a torque indicator (11) The torque sensor means comprises an oil base wax sheet (8) which is fixed immediately above said upper part of the flexible material (7) and positioned below neon PVC fluorescent sheet (9) which in turn fixed immediately below the torque indication means (10) by suitable means such as glues or transparent adhesives. A predetermined gap is maintained between the neon PVC fluorescent sheet (9) and oil base wax sheet (8) to limit the reciprocation of plunger pin (5) to said gap.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4275/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD AND APPARATUS FOR IDENTIFYING VOIP TRAFFIC

(51) International classification :H04L12/26
(31) Priority Document No :200910223389.5
(32) Priority Date :18/11/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/076624
Filing Date :03/09/2010
(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)Yuliang GONG

(57) Abstract :

The present invention discloses a method for identifying Voice over Internet Protocol (VoIP) traffic. Based on a Media Gateway Control Protocol (MGCP), the method includes: identifying a packet related to a control connection by matching keywords according to an identification rule of the MGCP; extracting media connection negotiation information for establishing a media connection from the packet related to the control connection; matching the media connection negotiation information according to a transaction Identification (ID) in the media connection negotiation information; and identifying MGCP based VoIP traffic according to matching results. The present invention further discloses an apparatus for identifying VoIP traffic based on the MGCP. In the condition of using the MGCP and performing a plurality of media connection negotiations on one control connection simultaneously, the present invention can identify the MGCP based VoIP traffic without any particular requirement on the deployed positions of deep packet inspection devices.

No. of Pages : 26 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4419/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD APPARATUS AND SYSTEM FOR IMPLEMENTING CARRIER AGGREGATION

(51) International classification :H04W72/08
(31) Priority Document No :200910236470.7
(32) Priority Date :22/10/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/077900
Filing Date :20/10/2010
(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

(71)Name of Applicant :
1)CHINA MOBILE COMMUNICATIONS CORPORATION
Address of Applicant :29 Jinrong Ave. Xicheng District
Beijing 100032 China
(72)Name of Inventor :
1)HU Nan
2)HU Zhenping
3)CUI Chunfeng

(57) Abstract :

A method for implementing carrier aggregation is provided which includes: the mobile terminal which establishes connection receives the carrier aggregation control information from a base station and the carrier aggregation control information contains carrier identifiers and wireless resource configuration information of the target carriers for downlink work carrier aggregation; the mobile terminal confirms the target carriers according to the carrier identifiers and the wireless resource configuration information. The present invention also discloses the corresponding base station the corresponding mobile terminal and the carrier aggregation implement system composed of the base station and the mobile terminal. The present invention enables the Time Division Duplex (TDD) terminal and the Frequency Division Duplex (FDD) terminal to aggregate the TDD carrier and the FDD carrier.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.725/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : A METHOD FOR SHORT DROP ADJUSTMENT IN A FRAMELESS GLASS VEHICLE WINDOW SYSTEM

(51) International classification	:H02H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED
(32) Priority Date	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(33) Name of priority country	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	2)ROBERT BOSCH GMBH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)KUMAR SAURABH
Filing Date	:NA	2)PRUESSEL HOLGER
(62) Divisional to Application Number	:NA	3)AVERITT SCOTT
Filing Date	:NA	

(57) Abstract :

A method for controlling movement of a window glass (12) in a vehicle using an electric motor (26) associated with a drive mechanism (1,2,3,4) through a cable 26, said method comprising the steps: determining an actual position (X2) of the window glass (12) based on the movement of the motor (26), determining a cable stiffness (S2) in relation to the movement of the window glass (12), determining a position lag (400) of the window glass (12) based on the determined actual position (X2) of the window glass (12), a predetermined position (Z2) of the window glass (12) and the cable stiffness (S2); and continuously correcting the position lag (400) of the window glass (12) based on the determined position lag (400).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4381/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : REMOTE PRINTING

(51) International classification :G06F15/16

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2010/022645

Filing Date :29/01/2010

(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)HEWLETT-PACKARD DEVELOPMENT COMPANY
L.P.**

Address of Applicant :11445 Compaq Center Drive W.
Houston Texas U.S.A.

(72)Name of Inventor :

1)NIRANJAN DAMERA-VENKATA

2)NINA BHATTI

3)EAMONN OBRIEN-STRAIN

4)JERRY LIU

5)NIC LYONS

6)JOHN SCHETTINO

(57) Abstract :

A remote printing method includes extracting content of a device view caused to be displayed by a first device. The extracted content is communicated to a second device remote from the first device so that the second device can format the extracted content for printing.

No. of Pages : 40 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4382/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHODS AND APPARATUS FOR MEASURING PERFORMANCE OF A MULTI-THREAD PROCESSOR

(51) International classification	:G06F11/34
(31) Priority Document No	:61/262,704
(32) Priority Date	:19/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/057089
Filing Date	:17/11/2010
(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)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)LIANGCHI HSU

2)VIJAY KUMAR KADAGALA

(57) Abstract :

Disclosed are methods and apparatus for measuring performance of a multithread processor. The method and apparatus determine loading of a multi-thread processor through execution of an idle task in individual threads of the multi-thread processor during predetermined time periods. The idle task is configured to loop and run when no other task is running on the threads. Loop executions of the idle task on each thread are counted over each of the predetermined time periods. From these counts, loading of each of the threads of the multi-thread processor may then be determined. The loading may be used to develop a processor profile that may then be displayed in real-time.

No. of Pages : 31 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4387/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : AQUEOUS PATCHES CONTAINING DICLOFENAC SODIUM

(51) International classification :A61K31/196,
A61K47/18
(31) Priority Document No :2009-244518
(32) Priority Date :23/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/068311
Filing Date :19/10/2010
(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)TEIKOKU SEIYAKU CO. LTD.
Address of Applicant :567 Sanbonmatsu Higashikagawa-shi
Kagawa 769-2695 Japan
(72)Name of Inventor :
1)KAMAKURA Takashi
2)TANI Kazuha
3)MABUCHI Yuichiro
4)OKADA Kazuhito

(57) Abstract :

Provided is a water-based paste containing diclofenac sodium which is obtained by mixing a uniform mixed solution of diclofenac sodium wherein the mixture ratio of crotamiton/diclofenac sodium is 8.0 or less and the mixture ratio of (water + crotamiton)/diclofenac sodium is within a range of 3.0 to 20.0.

No. of Pages : 23 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4388/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : FRICTION MATERIAL FOR BRAKES

(51) International classification :C09K3/14

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2009/061818

Filing Date :23/10/2009

(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)FEDERAL-MOGUL PRODUCTS INC.

Address of Applicant :26555 Northwestern Highway
Southfield MI 48033 U.S.A.

(72)Name of Inventor :

1)SUBRAMANIAN Vijay

(57) Abstract :

A copper and titanate free non-asbestos friction material.

No. of Pages : 17 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4389/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : PROCESS FOR PREPARING M- OR P-SUBSTITUTED PHENYLALKANOLS BY ALKYLATION

(51) International classification :C07C29/32
(31) Priority Document No :09173910.2
(32) Priority Date :23/10/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/065466
Filing Date :14/10/2010
(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)BASF SE

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor :

1)LANVER Andreas

2)EBEL Klaus

3)BECK Karl

4)PELZER Ralf

5)BOTZEM Jrg

6)GRIESBACH Ulrich

(57) Abstract :

The invention relates to a process for the preparation of m- or p-substituted phenylalkanol of the formula (I) in which R1 is bonded to the phenyl ring in the m- or p-position and is C1-C5-alkyl, and R2, R3, R4 and R5, independently of one another, are hydrogen or methyl, wherein an unsubstituted phenylalkanol of the formula (II) in which R2, R3, R4 and R5 have the meanings given under formula (I) is alkylated together with a C1-C5-alkyl halide of the formula (III) R₁Hal (III), in which R1 has the meaning given under formula (I) and Hal is halogen, in the presence of a Friedel-Crafts catalyst to give an m- or p-alkyl-substituted phenylalkanol of the formula (I), then the reaction mixture is worked-up and the desired m- or p-alkyl-substituted phenylalkanol of the formula (I) is separated off, the other formed by-products are returned to the reaction mixture and these are isomerized in the presence of a Friedel-Crafts catalyst to give the desired m- or p-alkyl-substituted phenylalkanol. From the m- or p-alkyl-substituted phenylalkanols of the formula (I), it is possible to form, by oxidation or dehydrogenation, as products of value, the corresponding aldehydes, which play an interesting role as fragrances and aroma chemicals.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.695/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : HIGH VOLTAGE 6 CHANNEL RELAY DRIVER

(51) International classification	:H03K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S BHARAT ELECTRONICS LIMITED
(32) Priority Date	:NA	Address of Applicant :NAGAVARA, OUTER RING ROAD,
(33) Name of priority country	:NA	BANGALORE - 560 045 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAMESH NADAMUNI RAGHAVEN
(87) International Publication No	: NA	2)ASHA KIRAN PARAMESHWAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure is of a monolithic ASIC connected with a six channel high voltage relay driver connected in a Darlington configuration. This invention uses a high voltage relay driver 101b with six independent channels 101,102,103,104,105,106 having a breakdown voltage of more than 120 V. The ASIC of the present invention provides independent protection for the outputs generated from each of the six independent channels. The invention works with high voltage, high current Darlington transistor arrays with internal protection circuitry and independent suppression diodes that are well suited for driving relays, coils and other inductive loads in a variety of industrial and space applications. .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.719/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : HASTHA SAAMUDRIKA YANTRA (AUTOMATIC FORTUNE PREDICTION BY PALM READING USING ASTROLOGICAL PRINCIPLES)

(51) International classification	:G07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SUJAY NARAYANA
(32) Priority Date	:NA	Address of Applicant :SHREE GANESH NILAYA,
(33) Name of priority country	:NA	PAICHAR, SULLIA DK MANGALORE DIST. 574 239
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	2)GAURAV PRASAD
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SUJAY NARAYANA
Filing Date	:NA	2)GAURAV PRASAD
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Palmistry, also known as Chierology, is a marvelous edifice today. It borrows its stones from the ancient civilizations of all lands. Your palm is your personality. Very few people realize that they are carrying around a full-scape map of their character and potentialities. Besides being a fascinating study, palmistry can help in vocational guidance, health and psychological diagnosis, partnership compatibility. Palmistry is an ancient art and one that has many systems of interpretation. It is also an intuitive art that is easily learned just by learning a few basics about the symbolism that is represented by the lines that run across the palm, the mounts (or fleshy parts) of the palm and the structure of fingers. One need to work hard in the area of palmistry to become a good scholar in palmistry and since palm reading is time consuming and tedious, our idea with the new product (Hastha Saamudrika Yantra) speeds up and automates the whole process of palm reading giving accurate and valid results/predictions as per the theory.

No. of Pages : 15 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4481/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD OF TREATING A HOT SYNGAS STREAM FOR CONVERSION TO CHEMICAL PRODUCTS BY REMOVING AMMONIA AND COS

(51) International classification	:B01D53/78
(31) Priority Document No	:12/606,469
(32) Priority Date	:27/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052429
Filing Date	:13/10/2010
(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)COSKATA INC.

Address of Applicant :4575 Weaver Parkway Suite 150
Warrenville IL 60555 U.S.A.

(72)Name of Inventor :

1)HICKEY Robert

(57) Abstract :

A method for the high removal of ammonia COS and HCN from syngas (along with some polishing of particulates) in a cost effective and environmentally benign and sustainable fashion with the need for little to no chemical addition by using a combination of water based gas scrubbing and biological steps.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4482/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : FLEXIBLE NON-FRANGIBLE AMPERAGE FLAG FOR MOLDED CASE CIRCUIT BREAKERS

(51) International classification :H01H9/18
(31) Priority Document No :12/607,476
(32) Priority Date :28/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/054271
Filing Date :27/10/2010
(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)SCHNEIDER ELECTRIC USA INC.
Address of Applicant :1415 S. Roselle Road Palatine Illinois
60067 United States of America
(72)**Name of Inventor :**
1)FLEEGE Dennis W.

(57) Abstract :

A flexible amperage flag that indicates an amperage rating of a trip unit in a circuit breaker. The flag is molded with a housing of the trip unit so that it remains with the trip unit even when installed into a different circuit breaker. The flag includes an attachment member secured to a wall of the trip unit and a flexible leg integral with the attachment member. A top surface member indicates the amperage rating and protrudes through an auxiliary cover of the circuit breaker so as to be visible through the panelboard into which the circuit breaker is installed and is connected to the top surface member. During a circuit interruption, the pressure created by the exploding gas forces the auxiliary cover away from the trip unit, creating stress on the flag. The flexible leg permits the flag to move with the auxiliary cover and return to its original form without breaking. The flag can also include a second leg that prevents movement of a hammer of the trip unit out of its pre-assembled position during assembly of the circuit breaker.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4269/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD AND DEVICE FOR DRIVING A FLUORESCENT LAMP

(51) International classification :H05B41/392

(31) Priority Document No :09178399.3

(32) Priority Date :08/12/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/055358

Filing Date :23/11/2010

(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

1)ZWERVER Hendrik Jan

(57) Abstract :

A method is described for driving a fluorescent lamp (L) with variable light output within a dimming range between a low dimming level and a high dimming level. The lamp power and the lamp current are monitored. At high dimming level the lamp control is based on current control; at low dimming level the lamp control is based on power control; at intermediary levels the lamp control is based on both current and power control. A first measuring signal (Ilamp) indicating lamp current and a second measuring signal (Plamp) indicating lamp power are obtained. An error signal (Serr) is calculated as a function of the said two measuring signals and as a function of dim level. With increasing dimlevel the contribution of the first measuring signal (Ilamp) to the error signal (Serr) increases while the contribution of the second measuring signal (Plamp) to the error signal (Serr) decreases.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.670/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHODS, SYSTEMS AND COMPUTER-READABLE MEDIA FOR INTEGRATING A COMPOSITE MIME MESSAGE

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

(57) Abstract :

The present invention provides a method and system for integrating a composite message such as a Multipurpose Internet Mail Extensions (MIME) message. A metadata template associated with a metadata XML object is extracted from a content management system, whereby a key of the metadata XML object is passed with the request for communicating the composite message. One or more content assemblers are configured to retrieve one or more static content from one or more content management systems and one or more document management systems, in an iterative manner, based on the metadata template. A child content assembler is further configured to extract the dynamic content required for merging with the retrieved static content, to generate one or more message parts. A message generator is configured to concatenate the one or more message parts in a sequence for generating the composite message.

No. of Pages : 24 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.672/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : END-TO-END NETWORK SERVICE ASSURANCE SOLUTION

(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	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)KRISHNA CHAITANYA GARIMELLA
(61) Patent of Addition to Application Number	:NA	2)ASHIT MAHENDRA SHETTY
Filing Date	:NA	3)GAURAV SAXENA
(62) Divisional to Application Number	:NA	4)KISHORE BABU THOTA
Filing Date	:NA	5)SANJAY RAVINDRA RANADE

(57) Abstract :

Disclosed herein are representative embodiments of tools and techniques for providing network service assurance. One exemplary embodiment includes a framework for network service assurance that includes a presentation layer, a service management layer, a network-infrastructure management layer, and a unified network-access layer. The unified-network-access layer is configured to receive a network request in a standard abstracted format, the network request being associated with at least one network element. The unified network-access layer also being configured to select a vendor adaptor from a plurality of vendor adaptors based on an element type of the at least one network element. The unified network-access layer further being configured to generate a vendor-formatted network request using the vendor adapter, and configured to send the vendor-formatted network request to the at least one network element.

No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4516/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : PLUG-IN OUTLET (PIO) WITH FLOATING FINGERGUARD

(51) International classification :H01R13/447

(31) Priority Document No :12/609,431

(32) Priority Date :30/10/2009

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

(86) International Application No :PCT/US2010/054606

Filing Date :29/10/2010

(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)SCHNEIDER ELECTRIC USA INC.

Address of Applicant :1415 S. Roselle Road Palatine Illinois

60067 U.S.A.

(72)Name of Inventor :

1)OTMLEARY Timothy

2)TRAVIS Wesley

3)PLUMMER David

4)VICK David

(57) Abstract :

A plug-in outlet for a busway system has a base mounted to a busway housing wherein the base has an opening into which an electrical stab extends from a busbar of the busway system. A fingerguard is mounted to the base into the opening and has self-aligning features achieved by built-in tolerances. The fingerguard includes a central barrier for shielding a leading end of the electrical stab the central barrier extending from side walls of the fingerguard and being separated by respective gaps from a top wall and a bottom wall of the fingerguard.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4518/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYSTEM AND METHOD FOR SIGNAL DETECTION USING A DYNAMIC THRESHOLD

(51) International classification :H04W68/02

(31) Priority Document No :12/632,729

(32) Priority Date :07/12/2009

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

(86) International Application No :PCT/US2010/058772

Filing Date :02/12/2010

(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)QUALCOMM Incorporated

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714 USA.

(72)Name of Inventor :

1)DESHPANDE Yogen N.

(57) Abstract :

Systems and methods for signal detection are disclosed. In one embodiment detection of a signal is performed using a dynamic threshold selected based at least in part on the determination that a value based on a previously received signal is between a first and a second threshold. In another embodiment detection of a signal is performed using a dynamic threshold selected based at least in part on a charging condition.

No. of Pages : 28 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.750/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : DNA BASED BIOMARKERS

(51) International classification

:C12Q

(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)MANIPAL UNIVERSITY

Address of Applicant :NEAR PLANETARIUM COMPLEX,
MANIPAL UNIVERSITY, MANIPAL - 576 104 Karnataka India

(72)Name of Inventor :

1)KABEKKODU SHAMA PRASADA

2)BHAT SAMATHA

3)RAGHU ANEKAL RADHAKRISHAN

4)PUTHIYA MUNDYAT GOPINATH

5)KAPAETTU, SATYAMOORTHY

(57) Abstract :

The present disclosure provides a process for identifying differentially methylated genes associated with oral cancer. The present disclosure also provides a set of hybridization probes being specific for a potentially methylated region of marker genes being suitable for indentifying oral squamous cell carcinoma.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.196/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 30/08/2013

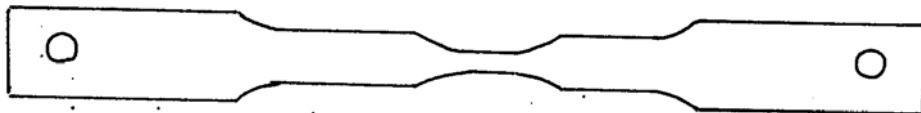
(54) Title of the invention : DEVELOPMENT OF MICRO-ALLOYED FIRE RESISTANT STEEL

(51) International classification :C22C38/00
(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)TATA STEEL LIMITED
Address of Applicant :RESEARCH AND DEVELOPMENT
AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR 831
001, Jharkhand India
(72)Name of Inventor :
1)MR. MAHADEV SHOME

(57) Abstract :

The present invention deals with the development of a leaner chemistry micro-alloyed steels with fire resistance property upto 600°C for structural tube application having a lean chemical composition (mass %) consisting of: C: 0.10 max Mn: 0.50 max; Cr + Mo + V + N= 0.50 max; Si: 0.15 (max); Al: 0.15 (max); CE <0.30 balance being iron with impurities and characterized in that the microstructure of the micro-alloyed steel exhibits formation of (Cr, Mo, V) carbides, VN and complex carbo-nitrides (Cr, Mo, V) (C, N), which increases the resistance of thermal softening and improves fire resistance property in the form of higher yield strength at elevated temperature.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.206/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : A NON-VACUUM CHEMICAL PROCESS FOR RAPID SYNTHESIS OF NANOSTRUCTURED CIGS POWDERS FOR SOLAR PHOTOVOLTAIC APPLICATIONS

(51) International classification	:H01L31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :REGIONAL OPERATIONS
(33) Name of priority country	:NA	DIVISION (ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(86) International Application No	:NA	KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
Filing Date	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(87) International Publication No	: NA	FORT, NEW DELHI - 110049, INDIA.
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SUKUMAR ROY
(62) Divisional to Application Number	:NA	2)SADANAND ACHARI
Filing Date	:NA	

(57) Abstract :

The invention describes a non-vacuum aqueous-based chemical process for synthesizing nano-structured CIGS [Copper Indium Gallium Di-Selenide, {Cu(In,Ga)Se₂}] powders and the products thereof for solar photovoltaic applications. By following the process, a variety of CIGS compound with variable levels of gallium and indium atomic ratio in the CIGS compound can rapidly be prepared. The synthesized CIGS powders have tetragonal chalcopyrite structure with specific surface area in the range of 60±10 m²/g. Heat treatment (annealing) of the CIGS powder in any inert atmosphere, e.g., argon or nitrogen at a temperature in the range of 100 - 300°C improves the crystallinity of CIGS powder that results well crystalline CIGS powder. Electron microscopy analyses (TEM & Fe-SEM) of the CIGS powder show the nanostructure in the material with primary particles in the range of 10 - 50 nanometers and is suitable for photovoltaic applications for forming light absorption layer either by coating or printing the CIGS material following any standard procedure.

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

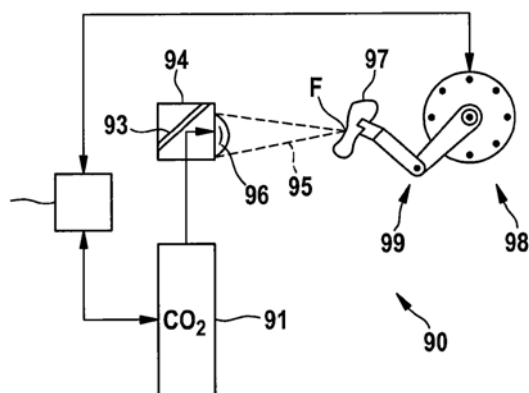
(54) Title of the invention : METHOD FOR MANUFACTURING AT LEAST ONE PART OF A SOLE ASSEMBLY OF A SHOE, AND SOLE ASSEMBLY FOR A SHOE

(51) International classification :A43B7/12,A43B13/12,B29D35/12
 (31) Priority Document No :PCT/EP2010/062976
 (32) Priority Date :03/09/2010
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2011/060036
 Filing Date :16/06/2011
 (87) International Publication No :WO 2012/028348
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)W. L. GORE & ASSOCIATES GMBH
 Address of Applicant :Hermann-Oberth Straße 22, 85640 Putzbrunn GERMANY
2)W.L. GORE & ASSOCIATES SCANDINAVIA AB
3)ECCO SKO A/S
 (72)Name of Inventor :
1)BIER, Christian
2)NABERNIK, Stane
3)HÜBNER, Thorger
4)STRÖMFORS, Tore
5)JENSEN, Frank
6)MØLLER HANSEN, Jakob

(57) Abstract :

The invention related to a method for manufacturing at least one part of a sole assembly (7) of a shoe (300) comprising the steps of directing a laser beam towards the at least one part of the sole assembly, which comprises a polymer material, and creating at least one of an opening (55), passage, cavity or engraved pattern in the at least one part of the sole assembly by means of the laser beam, or removing material from the at least one part of the sole assembly by means of the laser beam.



No. of Pages : 52 No. of Claims : 26

(54) Title of the invention : WATERPROOF, BREATHABLE SHOE AND METHOD FOR MANUFACTURING A SHOE

(51) International classification :A43B7/12,A43B13/12,A43B7/08

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2010/062978

Filing Date :03/09/2010

(87) International Publication No :WO 2012/028208

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)W. L. GORE & ASSOCIATES GMBH

Address of Applicant :Hermann-Oberth Straße 22, 85640 Putzbrunn GERMANY

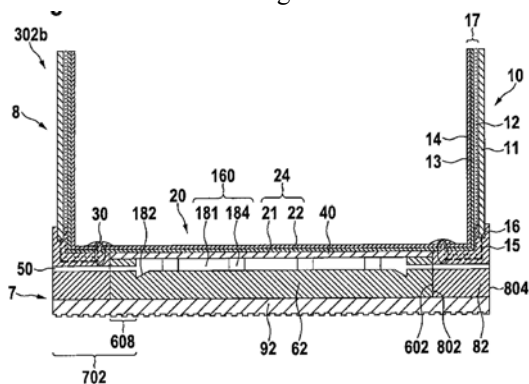
2)W. L. GORE & ASSOCIATES SCANDINAVIA AB**3)ECCO SKO A/S**

(72)Name of Inventor :

1)BIER, Christian**2)NABERNIK, Stane****3)HÜBNER, Thorger****4)STRÖMFORS, Tore****5)JENSEN, Frank****6)MØLLER HANSEN, Jakob**

(57) Abstract :

A Waterproof, breathable shoe according to the present invention comprises an upper assembly (8) with an upper portion (10) including a breathable outer material (11) and with a bottom portion (20), said upper assembly (8) comprising a waterproof, breathable functional layer arrangement (18; 13,21) extending over said upper portion (10) and said bottom portion (20). The shoe further comprises a ventilating sole element having a structure or material allowing for air flow through it, said ventilating sole element being attached to said upper assembly (8), wherein at least one lateral passage (50) extends from said structure or material through a side wall (702) of said ventilating sole element, said lateral passage (50) allowing for communication of air between said structure or material of said ventilating sole element and an outside of said ventilating sole element.



No. of Pages : 103 No. of Claims : 41

(54) Title of the invention : A DUAL PURPOSE DEVICE TO ENHANCE THE LIFE OF SHAFT SEALS AND TO IMPROVE THE EVACUATION OF TURBINE LEAKAGES OF FRANCIS TURBINES

(51) International classification :F16J15/06
 (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)BHARAT HEAVY ELECTRICALS LIMITED

Address of Applicant :REGIONAL OPERATIONS
 DIVISION (ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
 KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
 HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
 FORT, NEW DELHI - 110049, INDIA.

(72)Name of Inventor :

1)KARRI PRASAD

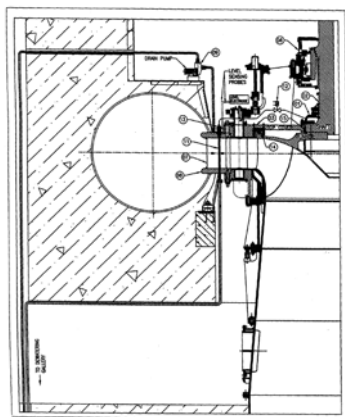
2)HARISH KUMAR

3)ANUJ RAIZADA

4)RAHUL PRATAP SINGH

(57) Abstract :

The invention relates to a dual purpose device to enhance performance of in shaft seals disposed between the rotating shaft and top cover of Francis type hydro turbines, comprising at least one shaft seal assembly (1) to prevent water leakage between the rotating turbine shaft (2) and the top cover (3) through which the shaft (2) passes, the shaft seal assembly (1) having at least one each lower and upper sealing elements (4b, 4a), the shaft (2) having one each end sleeve (5), a plurality of runner labyrinth (14) provided to prevent damage of the shaft sleeves (5); one stay ring (8) having a plurality of stay vanes (7), the stay vanes (7) having drain holes (11) at least three stay vanes receiving the leakage water from the shaft seal (1), and guide vane stem seals having housing of the guide vanes, characterized by comprising an ejector means having a nozzle (19) connected to the pressurized water line from below the shaft seal (1), at least one diffuser (24) cum protection sleeve (22); an ejector housing cum strainer (23) to house the ejector nozzle (19) and the diffuser (24), the ejector housing (23) having a plurality of holes in its body (25), and screwed to the stay ring (8) on the gravity drain holes (11) through which the leakage water is sucked in and drained down, the diffuser (24) cum protection sleeve (22) protecting the holes in the stay vane (7) of the turbine against erosion damage due to silt in the water.



No. of Pages : 26 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201/KOL/2013 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

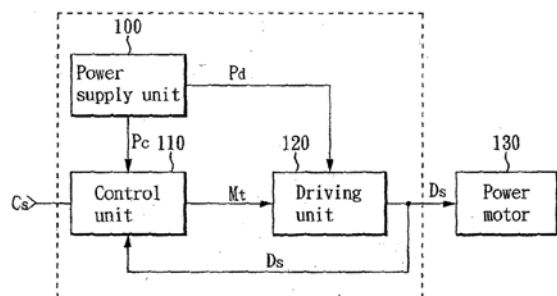
(54) Title of the invention : POWER REGULATION DEVICE FOR ELECTRIC VEHICLES AND METHOD THEREOF

(51) International classification :G06Q10/06
(31) Priority Document No :101106399
(32) Priority Date :24/02/2012
(33) Name of priority country :Taiwan
(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)SANYANG INDUSTRY CO. LTD.
Address of Applicant :184 KENG TZU KOU, SHANG KENG
VILLAGE, HSIN FONG SHIANG, HSINCHU, R.O.C. Taiwan
(72)Name of Inventor :
1)CHIANG HSIN-CHAN
2)WU WEI-SHIN
3)NING YU-WEI

(57) Abstract :

A power regulation device for electric vehicles, governing the power of electric vehicles and limiting the current flowing to a power motor, includes a driving unit for driving the power motor, a control unit for receiving a control signal and governing the driving unit, and a power supply unit for supplying electric power to the driving unit and the control unit. The control unit receives a driving signal so as to adaptively control the time for the current flowing to the power motor, and to prevent the electric vehicles from consuming a greater current in lengthy time such will result in damage to the electric components of the vehicles and adversely effect the quality and use of life thereof. Also disclosed is a method for power regulation of electric vehicles.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.220/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :26/02/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : SANITARY FITTING

(51) International classification	:E03C1/084	(71)Name of Applicant :
(31) Priority Document No	:10 2012	1)HANS GROHE SE
(32) Priority Date	203 018.2	Address of Applicant :AUESTRABE 5-9,77761
(33) Name of priority country	:28/02/2012	SCHILTACH,GERMANY
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)JOACHIM BLATTNER
(87) International Publication No	:NA	2)PHILIPPE GROHE
(61) Patent of Addition to Application Number	:NA	3)STEFANIE SCHWEICKERDT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A sanitary fitting contains a rectilinear or slightly curved tubular outlet body, at one face end of which there is arranged an outlet, out of which the water flows, with the valve open, in a direction extending the direction of the outlet body. At this end of the outlet body there is arranged an actuating element for a valve cartridge arranged axially in the outlet body. At the opposite end of the outlet body there is arranged at a face end an actuating element for a valve cartridge accommodated in the outlet body. The outlet body has a lateral fastening attachment, by way of which the sanitary fitting is fastened to a horizontal or vertical surface and through which the supply lines are led.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.923/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : TOOTH MILLING CUTTER AND METHOD FOR MILLING THE TEETH OF TOOTHED GEAR ELEMENTS

(51) International classification :B23F21/14,B23F1/06,B23F5/20
(31) Priority Document No :102010042835.3
(32) Priority Date :22/10/2010
(33) Name of priority country :Germany
(86) International Application No:PCT/EP2011/068036
Filing Date :14/10/2011
(87) International Publication No :WO 2012/052367
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SANDVIK INTELLECTUAL PROPERTY AB
Address of Applicant :S-811 81 Sandviken, SWEDEN
(72)Name of Inventor :
1)SCHERBARTH, Stefan

(57) Abstract :

The present invention relates to a method for milling a series of teeth (2,13) of a toothed gear element with teeth in a straight line, comprising a milling cutter (10), which is rotatable about a milling cutter axis (21) and has at its periphery interchangeable cutting inserts (5), which are arranged in such a way that, when the milling cutter (10) is brought up to the toothed gear element, they reach into the gaps (16) between adjacent teeth (12,13) or generate these gaps, and relates to a corresponding milling cutter. In order to provide a method for milling teeth of a toothed gear element with the aforementioned features, which along with high productivity also allows a very exact tooth profile form without faceting, and with which even relatively complex teeth profiles can be generated without changing or readjusting the cutting inserts that are mounted on the milling cutter, it is proposed according to the invention to use a milling cutter on which the cutting inserts have in the state in which they are mounted on the milling cutter at least one cutting edge (8a,b) extending radially and perpendicularly in relation to the milling cutter axis, wherein, during the milling of the tooth profile, the milling cutter axis is aligned in a plane perpendicular to the longitudinal extent of the back of the tooth and, during the entering of the cutting inserts (5), rotating about the milling cutter axis, into the surface or gaps between the teeth of a toothed gear element, is pivoted in this plane over an angular range that covers the range of all the normals to the profile surface (12a,b; 13a,b) of the tooth (12,13) to be produced.

No. of Pages : 36 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/02/2012

(21) Application No.192/KOL/2012 A

(43) Publication Date : 30/08/2013

(54) Title of the invention : AN OSSEO-INTEGRATOR COMPRISING OF POROUS CHITOSAN AND SPERMATHECA GLAND EXTRACT OF SNAIL ACHATINA FULICA FOR EFFECTIVE HARD TISSUE REPAIR

(51) International classification :A61L27/00
(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)DR. SAMIT KUMAR NANDI

Address of Applicant :ANANDAM ABASAN, FLAT-5,
BLOCK-B,229, R.B.C ROAD, KOLKATA-700028, WEST
BENGAL, INDIA

(72)Name of Inventor :

1)DR. SAMIT KUMAR NANDI

2)MR. BISWANATH KUNDU

3)DR. SUBHASIS ROY

4)DR. UTTAM DATTA

5)DR. SUBHASISH BISWAS

6)DR DEBABRATA BASU

(57) Abstract :

The present invention relates to use of chitosan as bone filler alone and as carrier material of spermatheca gland extract from mollusc Achatina fulica as osseointegrator for hard tissue repair and regeneration. Bone repair and regeneration is highly technical and involves conventional costly grafts and synthetic materials with different variable disadvantages. Chitosan being marine origin, natural and devoid of side effects and proves to be good filler materials of bone. The unconventional bioactive material derived from snail Achatina fulica is incorporated and/or combined with chitosan and found encouraging results in hard tissue repair both in terms of quality and quantity which could be the future arena in human orthopaedic surgery.



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

(54) Title of the invention : A DEVICE FOR TESTING ONE OF A SINGLE CELL AND A MEMBRANE ELECTRODE ASSEMBLY (MEA) CONSTITUTING ONE OF A LOW TEMPERATURE POLYMER ELECTROLYTE MEMBRANE FUEL CELL (PEMFC), A HIGH TEMPERATURE POLYMER ELECTROLYTE MEMBRANE FUEL CELL (PEMFC), AND PHOSPHORIC ACID FUEL CELL (PAFC)

(51) International classification

:H01M

4/88

(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)BHARAT HEAVY ELECTRICALS LIMITED

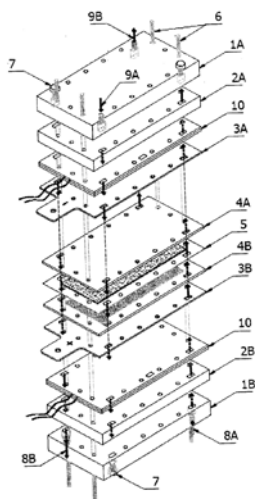
Address of Applicant :REGIONAL OPERATIONS
DIVISION (ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
FORT, NEW DELHI - 110049, INDIA.

(72)Name of Inventor :

1)ERADALA HARI BABU**2)VASU GOLLANGI****3)MAMIDI RAMESH PAWAR**

(57) Abstract :

The invention relates to a device for testing a single cell (a membrane electrode assembly - MEA), which may be a low temperature polymer electrolyte membrane fuel cell PEMFC or a high temperature polymer electrolyte membrane fuel cell (HT PEMFC) or phosphoric acid fuel cell (PAFC), the MEA (5) being disposed and securely held on the device during testing, the device comprising: a top and a bottom pressure plate (1A,1B); one each top and bottom insulating plates (2A,2B); one each top and bottom collector plates (3A,3B); one each half bipolar plates (4A,4B); wherein the top plates (1A,2A,3A), the bottom plates (1B,2B,3B), the collector plates (3A,3B), and the half bipolar plates (4A,4B) are sub-assembled together by fastening means; the pair of heating pad assembly (4A,4B) having flow field capable of supplying reactant gases to the MEA (5), and in that one each heating pad (10) configured to generate cell temperature between 60 °C to 210 °C is disposed in a spaced-apart manner to cover the MEA (5) being connected through a temperature controller.



No. of Pages : 19 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.927/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 30/08/2013

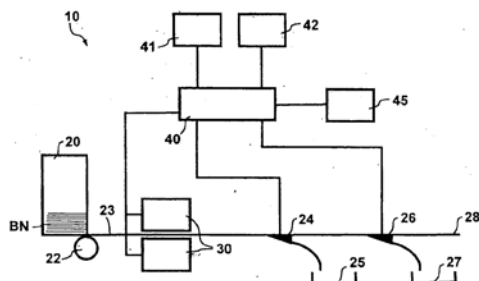
(54) Title of the invention : METHOD FOR PROCESSING BANKNOTES

(51) International classification :G07D11/00
(31) Priority Document No :10 2010 045 879.1
(32) Priority Date :17/09/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/004643
Filing Date :15/09/2011
(87) International Publication No :WO 2012/034703
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GIESECKE & DEVRIENT GMBH
Address of Applicant :PrinzregentenstraBe 159, 81677
München GERMANY
(72)Name of Inventor :
1)HOLL, Norbert
2)SCHMITZ, J¼rgen
3)STEIN, Dieter

(57) Abstract :

The invention relates to a method for processing banknotes, in which serial numbers of the banknotes to be processed are determined and compared with stored serial numbers in order to control the processing of the banknotes. The method comprises the following steps: determining a plurality of classes, each of which characterises at least one property of banknotes, assigning at least one of the classes to one or more serial numbers in order to assign at least one property to the banknote provided with the particular serial number, storing the particular serial number and the associated class or classes, and controlling the processing of the banknotes by means of the stored classes assigned to the particular serial numbers.



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

(54) Title of the invention : SPHERED-BAND SEALING OBJECT AND PROCESS FOR PRODUCING SAME

(51) International classification :F16J15/10,F01N13/08,F16L17/00

(31) Priority Document No :2010-234982

(32) Priority Date :19/10/2010

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2011/005709

Filing Date :12/10/2011

(87) International Publication No :WO 2012/053168

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)OILES CORPORATION

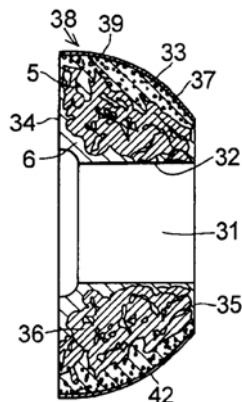
Address of Applicant :6-34, Kounan 1-chome, Minato-ku, Tokyo 1080075 JAPAN

(72)Name of Inventor :

1)KAIDA, Hidetoshi**2)KUROSE, Kouhei**

(57) Abstract :

A sphered-band sealing object (38) which comprises: a sphered-band base (36) configured of a heat-resistant material (6) and a reinforcement (5) which have been compressed together and entangled with each other so as to be structurally integrated; and an outer layer (37) configured of a heat-resistant material (6), a burned solid lubricant comprising a lubricating composition, and a reinforcement (5) constituted of a wire gauze, the heat-resistant material (6), the burned solid lubricant, and the reinforcement (5) having been compressed so that the openings of the wire gauze of the reinforcement (5) are filled with the burned solid lubricant and the heat-resistant material (6) and that the solid lubricant and the heat-resistant material (6) are intermingled and integrated with the reinforcement (5). The outer layer (37) has an outer surface (39), which is a smooth surface (42) in which areas (40) constituted of the reinforcement (5) are intermingled with areas (41) constituted of the burned solid lubricant.



No. of Pages : 93 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.916/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

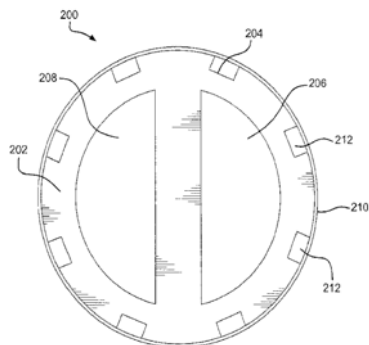
(54) Title of the invention : INDWELLING LUMINAL DEVICES

(51) International classification :A61M25/00
(31) Priority Document No :61/381,358
(32) Priority Date :09/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/051062
Filing Date :09/09/2011
(87) International Publication No :WO 2012/034056
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)W. L. GORE & ASSOCIATES, INC.
Address of Applicant :555 Paper Mill Road, Newark, DE
19711 U.S.A.
(72)Name of Inventor :
1)CULLY, Edward H.
2)DUNCAN, Jeffrey B.
3)MAULDING, Matthew E.
4)TRAPP, Benjamin M.
5)SCHONHOLZ, Claudio

(57) Abstract :

The invention comprises an indwelling medical device which is capable of delivering a therapeutic agent evenly along the length of the indwelling portion, including the outer wall, of the device.



No. of Pages : 40 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.917/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : ELECTRICAL OR ELECTRONIC APPARATUS, IN PARTICULAR WELDING MACHINE OR BATTERY CHARGER

(51) International classification :B23K9/095,G01C5/00,G01N33/497
(31) Priority Document No :RM201A000475
(32) Priority Date :13/09/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/IT2011/000316
Filing Date :13/09/2011
(87) International Publication No :WO 2012/035568
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AWELCO INC. PRODUCTION S.P.A.
Address of Applicant :Zona Industriale, I-83040 Conza Della Campania AV ITALY
(72)Name of Inventor :
1)DE ROSA, Guglielmo

(57) Abstract :

The present invention concerns an electrical or electronic apparatus, in particular welding machine or battery charger, comprising processing and controlling electronic means (M1, M2) connected to a sensing electronic means (S1, S1, TR0, VT1, RT1, CT1, R8, CT2, Z1, Z2, Z3, Z4, Z5, Z6, Z7, R4, CT3, ST1, ST2, D12, Q1) from which it receives one or more detection signals of one or more electrical and/or physical quantities related to an apparatus operation, said processing and controlling electronic means (M1,M2) being capable to determine one or more conditions of apparatus operation on the basis of said one or more detection signals, the apparatus being capable to be power supplied through a plurality of terminals (F,N,GND) by a mains comprising a ground conductor to which a ground terminal (GND) of said plurality of terminals (F,N,GND) is connectable, the apparatus being characterised in that said sensing electronic means comprises or consists of a device (S1) for sensing a connection of the ground terminal (GND) to the ground conductor of the mains.

No. of Pages : 52 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.918/KOLNP/2013 A

(19) INDIA

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

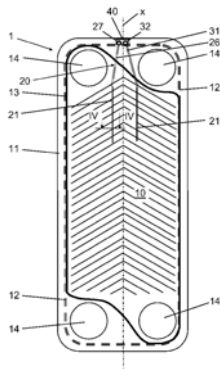
(43) Publication Date : 30/08/2013

(54) Title of the invention : A HEAT EXCHANGER PLATE AND A PLATE HEAT EXCHANGER

(51) International classification	:F28F27/00,F28F3/08	(71)Name of Applicant :
(31) Priority Document No	:1051102-0	1)ALFA LAVAL CORPORATE AB,
(32) Priority Date	:22/10/2010	Address of Applicant :Box 73, SE-22100 Lund, SWEDEN
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/SE2011/051177	1)BERTILSSON, Klas
Filing Date	:03/10/2011	2)NYANDER, Anders
(87) International Publication No	:WO 2012/053958	3)JOHANSSON, Christer
(61) Patent of Addition to Application Number	:NA	4)KROZER, Anatol
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention refers to a plate heat exchanger and a heat exchanger plate (1). The heat exchanger plate for a plate comprises a heat transfer area (10) and an edge area (11), extending around the heat transfer area. The heat exchanger plate is a double wall plate formed by two adjoining plates compressed to be in contact with each other. The heat exchanger plate comprises a sensor (20) which is configured to sense at least one parameter and to produce a signal depending on the parameter and that the sensor comprises a sensor probe (21) that is provided between the adjoining plates.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/02/2013

(21) Application No.190/KOL/2013 A

(43) Publication Date : 30/08/2013

(54) Title of the invention : STEAM TURBINE

(51) International classification

:F01K13/00

(31) Priority Document No

:2012-

038725

(32) Priority Date

:24/02/2012

(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)KABUSHIKI KAISHA TOSHIBA

Address of Applicant :1-1, SHIBAURA 1-CHOME,
MINATO-KU, TOKYO 105-8001, JAPAN

(72)Name of Inventor :

1)HIROSHI SAEKI

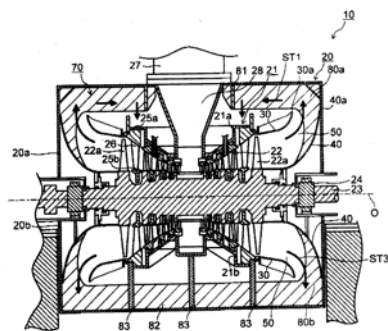
2)TATSURO UCHIDA

3)NAOKI SHIBUKAWA

4)KENICHI IMAI

(57) Abstract :

A steam turbine 10 in an embodiment includes: an inner casing 21 surrounding a turbine rotor; an outer casing 20 composed of an upper half side outer casing 20a and a lower half side outer casing 20b; and an annular diffuser 50 through which steam passed through a turbine stage is discharged radially outward. A vertical distance H from a axis of a turbine rotor 23 to an inner wall of the upper half side outer casing 20a, an outermost diameter D of final stage rotor blades 22a, a blade height B of the final stage rotor blade 22a, and a distance W between inner walls in vertical and horizontal directions to the axis of the turbine rotor 23, at a bottom portion of the lower half side outer casing 20b forming a discharge port 60, satisfy $(H - D/2)/B \leq 1.7$ and $(W - D)/2B \geq 2$.



No. of Pages : 34 No. of Claims : 2

(54) Title of the invention : METHODS FOR THE SEMI-SYNTHETIC PRODUCTION OF HIGH PURITY MINICIRCLE DNA VECTORS FROM PLASMIDS

(51) International classification :C12N15/64,C12N15/79
 (31) Priority Document No :10186568.1
 (32) Priority Date :05/10/2010
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2011/067280
 Filing Date :04/10/2011
 (87) International Publication No :WO 2012/045722
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)RENTSCHLER BIOTECHNOLOGIE GMBH

Address of Applicant :Erwin-Rentschler-Strasse 21, 88471 Laupheim, GERMANY

(72)Name of Inventor :

1)REHBERGER, Bernd

2)HEINE Markus

3)WODARCZYK,Claas

4)WAGNER,Roland

(57) Abstract :

The invention relates to methods and reagents for producing DNA vectors, in particular minicircle (MC) DNA vectors, in superhelical form. The invention further relates to highly pure preparations of circular DNA vectors, in particular MC DNA vectors.



No. of Pages : 43 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.921/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : CONJUGATED POLYMERS

(51) International classification :C08G61/12,H01L51/00
(31) Priority Document No :10009200.6
(32) Priority Date :04/09/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/003952
Filing Date :05/08/2011
(87) International Publication No :WO 2012/028246
(61) 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)MITCHELL William,
2)TIERNEY Steven,
3)BLOUIN Nicolas,
4)MEYER Frank Egon,
5)CARRASCO-OROZCO Miguel,

(57) Abstract :

The invention relates to novel polymers containing repeating units based on benzo[2,1,3]thiadiazole -5,6-dicarboxylic acid bis-ester, monomers and methods for their preparation, their use as semiconductors in organic electronic (OE) devices, especially in organic photovoltaic (OPV) devices, and to OE and OPV devices comprising these polymers.

No. of Pages : 59 No. of Claims : 15

(54) Title of the invention : IMPROVEMENTS RELATING TO BRAKE CONTROL

(51) International classification :B60T7/12
 (31) Priority Document No :1015728.7
 (32) Priority Date :20/09/2010
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/EP2011/066192
 Filing Date :19/09/2011
 (87) International Publication No :WO 2012/038368
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

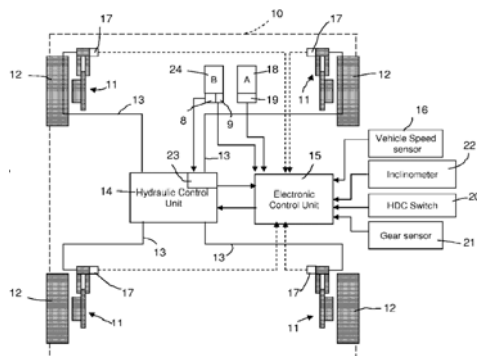
1)LAND ROVERAddress of Applicant :Banbury Road, Gaydon, Warwick
Warwickshire CV35 0RR, U.K.

(72)Name of Inventor :

1)BEEVER, Paul**2)REYNOLDS, Timothy**

(57) Abstract :

A brake control system for a motor vehicle having a plurality of wheels, brakes for applying a braking effort to one or more of the wheels, and movement sensing means for detecting movement of the vehicle. The system comprises: brake actuation means for actuating the brakes to supply a braking effort; and brake control means for controlling the brake actuation means, wherein the brake control means is arranged to determine an acceleration of the vehicle based on movement detected by the movement sensing means and to ensure that the brake actuation means supplies a braking effort if the determined acceleration exceeds a set acceleration limit.



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

(54) Title of the invention : ACOUSTIC DIFFUSION GENERATOR

(51) International classification :G10K11/20,G10K11/28,H04R19/02
 (31) Priority Document No :2010904695
 (32) Priority Date :21/10/2010
 (33) Name of priority country :Australia
 (86) International Application No :PCT/AU2011/001327
 Filing Date :20/10/2011
 (87) International Publication No :WO 2012/051650
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

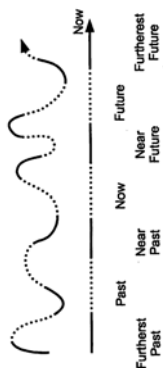
1)ACOUSTIC 3D HOLDINGS LIMITEDAddress of Applicant :An Australian Corporation, Level 18,
300 Queen Street Brisbane Queensland 4000 AUSTRALIA

(72)Name of Inventor :

1)HAYES, Joseph Francis

(57) Abstract :

A reflector and an electronic system produce a diffuse way by creating time delays in accordance with a number sequence. An acoustical passive reflector incorporates a series of wells in its surface to transform an acoustical wave into a series of acoustical waves having a time difference based on a number sequence. The electronic signal conversion system converts a signal into a series of signals having a time difference based on a number sequence. This can be used in an audio speaker system having N x N array of speakers where N is an odd prime number, arranged to be driven by the electronic signal conversion system in which the signal is converted into a series of signals centred on the signal with at least one signal being timed to precede the signal and at least one signal to follow the signal and the signal being arranged to be sent to the central speaker in the N x N array.



No. of Pages : 55 No. of Claims : 26

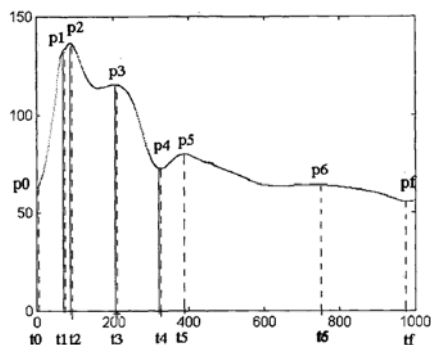
(54) Title of the invention : AUTOMATIC METHOD FOR MEASURING AND PROCESSING BLOOD PRESSURE

(51) International classification :A61B5/0215
 (31) Priority Document No :RM2010A000468
 (32) Priority Date :06/09/2010
 (33) Name of priority country :Italy
 (86) International Application No :PCT/IT2011/000308
 Filing Date :05/09/2011
 (87) International Publication No :WO 2012/032553
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)ROMANO, Salvatore
 Address of Applicant :Via Arrigo Boito, 33, I-50144 Firenze
 ITALY
 (72)Name of Inventor :
1)ROMANO, Salvatore

(57) Abstract :

The present invention concerns an automatic method, as well as the related system and the tools allowing the same to be executed, for measuring and processing blood pressure starting from a detected pressure signal, the method operating in the time domain for discriminating whether the detected signal is an adequate measurement or not and, where it is not, time domain analysis automatically selects a low-pass filter to, possibly iteratively, apply to the detected pressure signal for having correct values and wave form of the blood pressure.



No. of Pages : 40 No. of Claims : 13

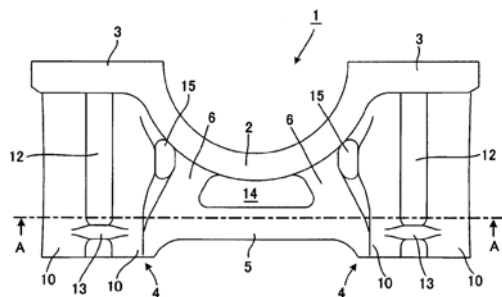
(54) Title of the invention : IRON-BASED METAL BEARING CAP TO BE CAST INTO LIGHT METAL MEMBER

(51) International classification :F16C9/02
 (31) Priority Document No :2010-199119
 (32) Priority Date :06/09/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/067872
 Filing Date :04/08/2011
 (87) International Publication No :WO 2012/032888
 (61) 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)Hiroaki MOCHIDA

(57) Abstract :

The present invention is an iron-based metal bearing cap which is cast into a light-alloy member as a core, and which is provided with: an arc-shaped section for forming a bearing surface; right and left flange sections which are disposed in line with both ends of the arc-shaped section; and boss sections which are disposed upright on the back surface sides of the right and left flange sections so as to insert a mounting bolt. Furthermore, the boss sections have grooves or protrusion sections formed therein.



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

(54) Title of the invention : COMPOSITION FOR ACTIVE PRINCIPLES DELIVERY BY IMPLANT DEVICES

(51) International classification :A61L31/08,A61L31/16,A61K47/12

(31) Priority Document No :TO2010A000766

(32) Priority Date :20/09/2010

(33) Name of priority country :Italy

(86) International Application No :PCT/IB2011/054092

Filing Date :19/09/2011

(87) International Publication No :WO 2012/038881

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)CID S.p.A.

Address of Applicant :Strada Crescentino, I-13040 Saluggia

(VC) ITALY

(72)Name of Inventor :

1)CURCIO, Maria

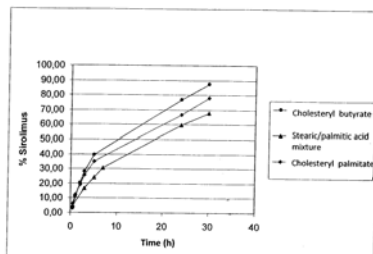
2)ZAMBALDI, Ilaria

3)GRAMAGLIA, Daniela

4)GRIGNANI, Andrea

(57) Abstract :

Composition for delivery of at least one active principle at the implantation site of an implant device, including: - at least one active principle, and - at least a first excipient combined with the at least one active principle, wherein the at least a first excipient is selected among fatty acids with a linear or branched, saturated chain, including a number of carbon atoms between 14 and 36.



No. of Pages : 33 No. of Claims : 16

(54) Title of the invention : MULTI-SPEED TRANSMISSION

(51) International classification :F16H3/44
 (31) Priority Document No :61/602846
 (32) Priority Date :24/02/2012
 (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 :

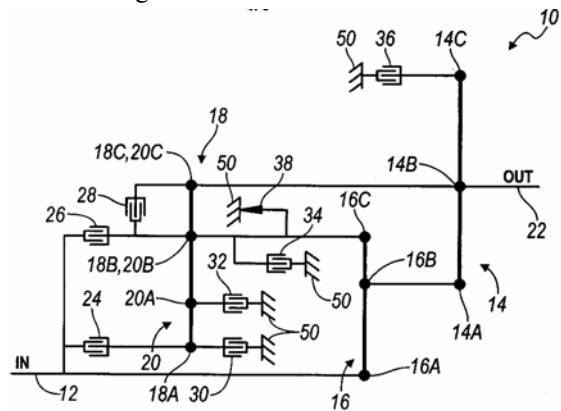
1)GM GLOBAL TECHNOLOGY OPERATIONS LLCAddress of Applicant :300 GM RENAISSANCE CENTER,
DETROIT, MICHIGAN 48265-3000, U.S.A.

(72)Name of Inventor :

1)TEJINDER SINGH

(57) Abstract :

A transmission is provided having an input member, an output member, four planetary gear sets, a plurality of coupling members and a plurality of torque transmitting devices. Each of the planetary gear sets includes first, second and third members. The torque transmitting devices include clutches and brakes actuatable in combinations of two to establish a plurality of forward gear ratios and one reverse gear ratio.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.930/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MULTIMEDIA MULTI-PARTY PEERING (M2P2)

(51) International classification :G06F15/16,G06F9/06,G06F21/20

(31) Priority Document No :61/392,575

(32) Priority Date :13/10/2010

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

(86) International Application No :PCT/US2011/056158

Filing Date :13/10/2011

(87) International Publication No :WO 2012/051422

(61) 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 (USA) INC.

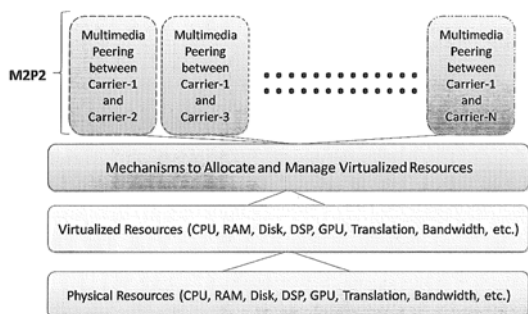
Address of Applicant :2425 N. Central Expressway, Suite 323, Richardson, TX 75080 U.S.A.

(72)Name of Inventor :

1)KHASNABISH, Bhumip

(57) Abstract :

Embodiments of the present invention pertain to systems and methods for implementing a platform to support multimedia services peering with multiple independent competing parties, such as carriers or service providers. More particularly, certain embodiments of the invention pertain to deployment of the same physical platform or device by using soft- and hard- virtual separation of resources. Each party is allowed to retain full control over its logical resources space, even when a party is not using any of its resources. However, the multimedia multi-party peering provider maintains complete overview of the utilization of resources by each party via an active monitoring and enforcing method.



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

(54) Title of the invention : ELECTROPHOTOGRAPHIC PHOTOCONDUCTOR, IMAGE FORMING METHOD, IMAGE FORMING APPARATUS, AND PROCESS CARTRIDGE

(51) International classification :G03G5/07,G03G5/06,G03G5/147

(31) Priority Document No :2010-206681

(32) Priority Date :15/09/2010

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2011/071290
Filing Date :13/09/2011

(87) International Publication No :WO 2012/036295

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

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

(71)Name of Applicant :

1)Ricoh Company, Ltd.

Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 JAPAN

(72)Name of Inventor :

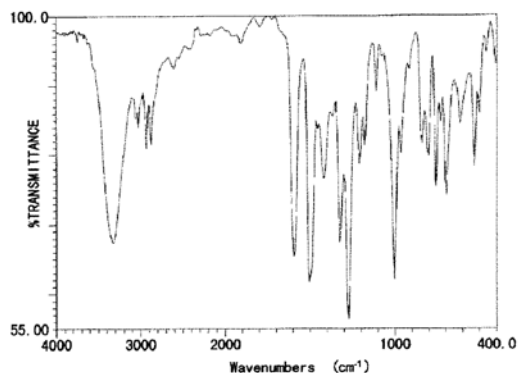
1)TANAKA, Yuuji

2)NAGAYAMA, Norio

3)NAGAI, Kazukiyo

(57) Abstract :

To provide an electrophotographic photoconductor, which contains a layer containing a cured product obtained by crosslinking (i) a compound containing a charge- transporting group and three or more methylol groups, and (ii) a compound containing a charge-transporting group, which is other than the compound containing a charge-transporting group and three or more methylol groups.



No. of Pages : 107 No. of Claims : 13

(54) Title of the invention : ASSIST GRIP

(51) International classification :B60N3/02
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/JP2010/067355
 Filing Date :04/10/2010
 (87) International Publication No :WO 2012/046287
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)HOWA PLASTICS CO., LTD.

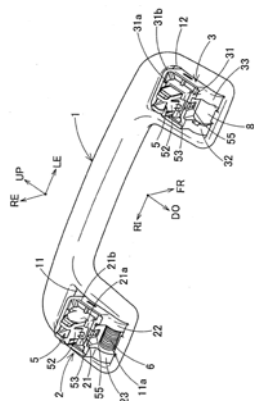
Address of Applicant :45-1 Nishimiyamae, Nishinakayama-cho, Toyota-shi, Aichi, 470-0496 JAPAN

(72)Name of Inventor :

1)KAJIO, Hideki**2)KOGISO, Daisuke**

(57) Abstract :

The grip body (1) of an assist grip is provided with hinge bodies (21, 31) provided in recesses (11, 12) for hinges, the recesses (11, 12) being formed in the bases of the grip body (1) which are located at both the left and right ends of the grip body (1). The hinge bodies (21, 31) are pivotably mounted in the recesses (11, 12) for hinges, the recesses (11, 12) being located at both the ends, by means of pivot shafts. Mounting clips (5) having spring-elasticity are inserted into rectangular openings (27, 37) each provided at substantially the center of each of the hinge bodies (21, 31), and covers (4) are mounted to the hinge bodies (21, 31) so as to cover the front faces thereof while the clip support sections (42) of each of the covers (4) are inserted in each of the mounting clips (5) so as to be located inside the elastic leg sections on both sides of the mounting clip (5). Guide grooves (21c, 31c) and guide ribs (44) are provided to the hinge bodies (21, 31) and the covers (4) at positions at which hinge members and the covers are in sliding contact with each other when the covers (4) are pushed in, and the guide grooves (21c, 31c) and guide ribs (44) extend in the push-in direction so as to be engaged with each other and slide on each other.



No. of Pages : 39 No. of Claims : 4

(54) Title of the invention : ELECTROPLATING BATH, METHOD FOR FORMING ELECTROPLATING COATING, AND ELECTROPLATED PRODUCT

(51) International classification :C25D3/56,C25D7/00
 (31) Priority Document No :2010-235951
 (32) Priority Date :20/10/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/069419
 Filing Date :29/08/2011
 (87) International Publication No :WO 2012/053283
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)YUKEN INDUSTRY CO., LTD.

Address of Applicant :50, Bawari, Noda-cho, Kariya-shi, Aichi 4488511 JAPAN

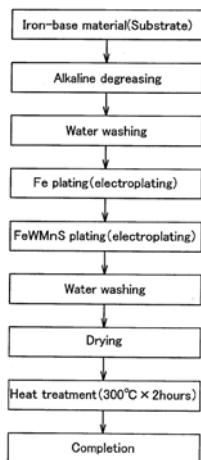
(72)Name of Inventor :

1)WATABE, Kiyohiko

2)ITO, Kazuo

(57) Abstract :

The present invention provides an electroplating bath with which an electroplating Fe-W alloy coating may be formed. The elemental composition of the electroplating coating (energy dispersive X-ray spectroscopy, same hereafter) is W: 2 to 70%, Mn: 0.05 to 1.0%, S: 0.1 to 8%, and Fe: the remainder. The electroplating coating contains a water soluble S-containing compound along with 1) water soluble Fe (II, III) salt, 2) water soluble W (VI) acid salt, and 3) water soluble Mn (II) salt. An electroplating coating (15) is formed on a base material (11) on which an underlayer plating (13) has been applied, after which heating treatment (post processing) is performed at a temperature of 200 to 1000°C to form an electroplating coating (15A).



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

(54) Title of the invention : IMAGE FORMING METHOD AND IMAGE FORMED MATTER

(51) International classification :B41M5/00,B41J2/01
 (31) Priority Document No :2010-221397
 (32) Priority Date :30/09/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/073027
 Filing Date :29/09/2011
 (87) International Publication No :WO 2012/043874
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)Ricoh Company, Ltd.

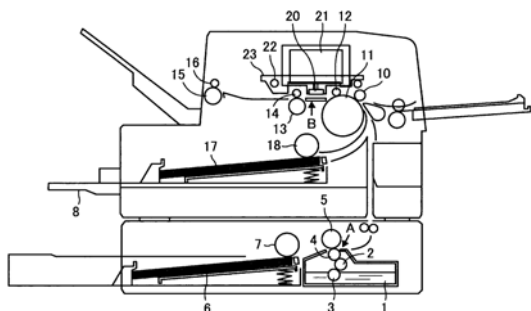
Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 JAPAN

(72)Name of Inventor :

1)GOTOU, Hiroshi

(57) Abstract :

An image forming method including: applying a pre-treatment liquid to a recording medium; and applying a stimulus to an inkjet ink to jet the inkjet ink onto the recording medium, onto which the pre-treatment liquid has been applied, so as to form an image on the recording medium, wherein the pre-treatment liquid contains a water-soluble aliphatic organic acid, a water-soluble organic monoamine compound, a water-soluble organic solvent, and water, and the inkjet ink contains an aqueous pigment dispersion in which a pigment is dispersed with an anionic dispersant or nonionic dispersant, a water-soluble organic solvent, an anionic ionomer-based aqueous urethane resin, a surfactant, a penetrating agent, and water, and wherein the pre-treatment liquid contains 1 molar equivalent or higher of the water-soluble organic monoamine compound relative to an acid group contained in the water-soluble aliphatic organic acid.



No. of Pages : 89 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.935/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : A HEAT EXCHANGER PLATE AND A PLATE HEAT EXCHANGER

(51) International classification	:F28F27/00,F28F3/08	(71)Name of Applicant :
(31) Priority Document No	:1051101-2	1)ALFA LAVAL CORPORATE AB,
(32) Priority Date	:22/10/2010	Address of Applicant :Box 73, SE-22100 Lund, SWEDEN
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/SE2011/051175	1)CEDERBERG, Anders
Filing Date	:03/10/2011	2)ARNDT, Peter
(87) International Publication No	:WO 2012/053957	3)BERTILSSON, Klas
(61) Patent of Addition to Application Number	:NA	4)NYANDER, Anders
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention refers to a heat exchanger plate and a plate heat exchanger. The heat exchanger plates are arranged beside each other in the plate heat exchanger to define several first plate interspaces for a first medium and several second plate interspaces for a second medium. The heat exchanger plate comprises a heat transfer area (10), an edge area (11), which extends around and outside the heat transfer area (10), and a device (25), which is configured to receive or produce a signal. The heat exchanger plate also comprises a communication module (20) comprising an electronic circuit (21) connected to the device and communication means permitting communication of said signal with a master unit (30) via at least a communication module (20) of another heat exchanger plate in the plate package.

No. of Pages : 22 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.936/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : PROCESS FOR RECOVERING HALOGEN PROMOTERS AND REMOVING PERMANGANATE REDUCING COMPOUNDS

(51) International classification :C07C51/12,C07C51/44,C07C51/48
(31) Priority Document No :61/392,736
(32) Priority Date :13/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/056136
Filing Date :13/10/2011
(87) International Publication No :WO 2012/051411
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CELANESE INTERNATIONAL CORPORATION
Address of Applicant :1601 West LBJ Freeway, Dallas, Tx75234, U.S.A
(72)Name of Inventor :
1) G. Paul TORRENCE
2)Raymond ZINOBILE
3)Oyeyemi OYERINDE

(57) Abstract :

This invention relates to processes for producing acetic acid and, in particular, to improved processes for recovering C2+ alkyl halides and removing permanganate reducing compounds formed during the carbonylation of methanol in the presence of a Group VIII metal carbonylation catalyst to produce acetic acid.

No. of Pages : 29 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/02/2012

(21) Application No.204/KOL/2012 A

(43) Publication Date : 30/08/2013

(54) Title of the invention : AN IMPROVED DEVICE FOR PREHEATING REACTANTS IN PEM HTPEM FUEL CELL STACKS

(51) International classification

:H01M8/10

(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)BHARAT HEAVY ELECTRICALS LIMITED

Address of Applicant :REGION CAL OPERATIONS
DIVISION (ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
FORT, NEW DELHI - 110049, INDIA.

(72)Name of Inventor :

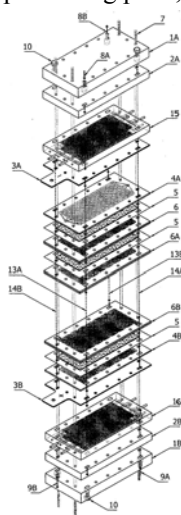
1)VASU GOLLANGI

2)ERADALA HARI BABU

3)MAMIDI RAMESH PAWAR

(57) Abstract :

The invention relates to an improved device for preheating reactants in PEM/HTPEM fuel cell stacks, the improvement is characterized by comprising an anode side reactant preheating plate placed between the insulation plate and the anode side copper plate; and a cathode side reactant preheating plate interposed between the cathode copper plate and the insulation plate, the preheating plates operably connected to an electrical heating source for circulating hot fluid the plate being initially heated to a pre-determined temperature, an inlet of the preheating plate disposed directly in fluid communication with the regular stack inlet receiving reactants, the received reactant gas distributed all over the heated plate to allow heating of the reactant gas when flowing between hot fins of the preheating plate, the reactant gas exiting through the plate exit to ingress the reactant manifold line of anode or cathode side.



No. of Pages : 34 No. of Claims : 5

(54) Title of the invention : METHOD AND APPARATUS FOR CHEMICAL DATA REPOSITORY

(51) International classification :G06F17/40,G06F19/00,G06F3/14

(31) Priority Document No :12/899,250

(32) Priority Date :06/10/2010

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

(86) International Application No :PCT/US2011/055017

Filing Date :06/10/2011

(87) International Publication No :WO 2012/048061

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)NALCO COMPANY

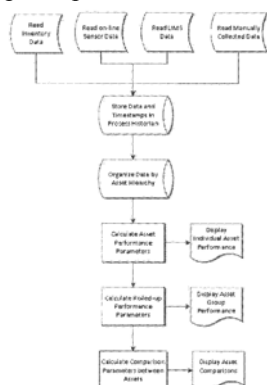
Address of Applicant :1601 WEST Diehl Road, Naperville, Illinois, 60563-1198, U.S.A.

(72)Name of Inventor :

1)John A. SCHLITT**2)William R. ESPOSITO**

(57) Abstract :

The invention provides a method of efficiently determining the effectiveness of managing a chemical or industrial facility. The method involves identifying various industrial site assets and recording various specs of those assets over time. The various assets are grouped according to some hierarchy such as location, problem to be solved, or just asset type. The specs are compared to acceptable ranges and are scored positively or negatively. The system allows a user to determine trends by asset type, spec type, or by position within the hierarchy. This system allows both small-scale and large- scale perspective, and can be used for both reactive and preemptive decision making.



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

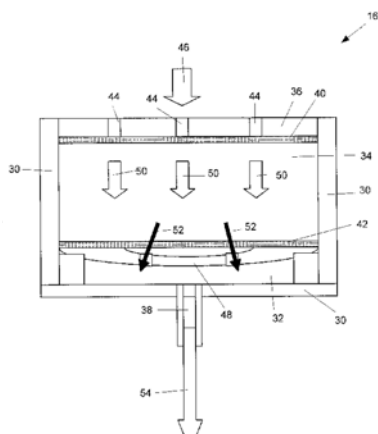
(54) Title of the invention : A VALVE

(51) International classification :F02M37/22,B01D36/00,F16K31/00
 (31) Priority Document No :1020654.8
 (32) Priority Date :07/12/2010
 (33) Name of priority country:U.K.
 (86) International Application No :PCT/GB2011/052408
 Filing Date :06/12/2011
 (87) International Publication No :WO 2012/076872
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)PARKER HANNIFIN MANUFACTURING (UK) LTD
 Address of Applicant :Parker House 55, Maylands Avenue,
 Hemel Hempstead, Hertfordshire HP2 4SJ, U.K.
 (72)Name of Inventor :
1)CORE, Phillip, Robert

(57) Abstract :

A valve (16) comprising a housing (30), a valve filter media (34) and an actuator (48). The housing (30) defines a chamber (32) having an inlet (44) and an outlet (48). The valve filter media (34) is positioned within the chamber (30) and arranged such that liquids flowing between the inlet (44) and the outlet (48) pass through the valve filter media (34). The valve filter media (34) is arranged to absorb hydrocarbons causing the valve filter media (34) to change its material properties thereby restricting the flow of liquids through the valve (16) and increasing the pressure differential across the valve filter media (34). The actuator (48) has at least a first portion positioned within the housing chamber (32). If the pressure differential across the valve filter media (34) exceeds a predetermined threshold the valve filter media (34) is arranged to bear against the actuator (48) causing the actuator (48) to restrict the flow of liquids through the valve (16).



No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.193/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : A NEW DELIVERY SYSTEM COMPRISING OF POROUS CHITOSAN WITH DIFFERENT PROTEIN GROWTH FACTORS WITH EFFICIENT BONE HEALING AND REGENERATION PROPERTIES

(51) International classification	:A61K 38/18	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. SAMIT KUMAR NANDI
(32) Priority Date	:NA	Address of Applicant :ANANDAM ABASAN, FLAT-5, BLOCK-B,229, R.B.C ROAD, KOLKATA-700028, WEST BENGAL, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)DR. SAMIT KUMAR NANDI
Filing Date	:NA	2)MR. BISWANATH KUNDU
(87) International Publication No	: NA	3)DR. SUBHASIS ROY
(61) Patent of Addition to Application Number	:NA	4)DR DEBABRATA BASU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to use of unconventional marine biomaterial alone and in combination of the growth factors for hard tissue repair and regeneration. Bone repair and regeneration is highly technical and involves conventional costly grafts and synthetic materials with different variable disadvantages. Chitosan being marine origin, natural and devoid of side effects and proves to be good filler materials of bone. The growth factors like BMP-2 and IGF-1 which are already proved for their tissue growth property, is incorporated and/or combined with this chitosan and found encouraging results in hard tissue repair both in terms of quality and quantity.



No. of Pages : 29 No. of Claims : 8

(54) Title of the invention : ELECTRIC ELEMENT

(51) International classification :G01K15/00,G01K7/16
 (31) Priority Document No :2010-224813
 (32) Priority Date :04/10/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/072496
 Filing Date :22/09/2011
 (87) International Publication No :WO 2012/046638
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)RICOH COMPANY, LTD.

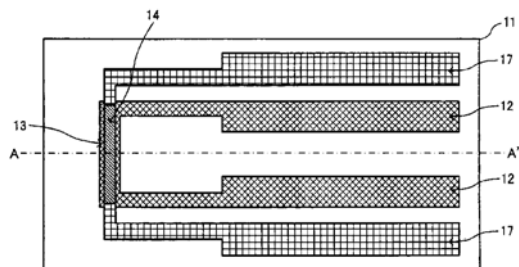
Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 JAPAN

(72)Name of Inventor :

1)MANAKA, Junji

(57) Abstract :

A temperature dependent electric element includes a phase change portion including at least one conductive phase change material having a predetermined phase transition temperature,a detector portion configured to detect a change in conductivity of the phase change material caused by a temperature change to a detect phase transition of the phase change material based on the detected change in conductivity of the phase change material,a temperature calibration part configured to conduct temperature calibration by adjusting a temperature at which the phase change material exhibits the phase transition detected by the detector portion based on the change in the conductivity of the phase change material to the predetermined phase transition temperature of the phase change material,and a substrate on which the phase change portion,the detector portion,and the temperature calibration part are integrally arranged.



No. of Pages : 163 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.943/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : EXTRACTION OF THE HYDROCOLLOIDS FROM FENUGREEK SEED (TRIGONELLA FOENUM GRAECUM)

(51) International classification	:A23L1/052, A23L1/212
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/DK2010/000124
Filing Date	:06/09/2010
(87) International Publication No	:WO 2012/031592
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)MHLANGA, GEORGE
Address of Applicant :RYESGADE 124 A ST.TH, DK-2100
COPENHAGEN Ø DENMARK
(72)Name of Inventor :
1)MHLANGA, ERNEST, GEORG

(57) Abstract :

The invention relates to a method of extracting galactomannans from fenugreek seeds comprising the steps of: preparing a solution of one or more salts in water, said salts being present in an amount of 0.5 - 10% by weight of the solution, adjusting the pH in the solution to be in the range of 1 to 5 with an acid, keeping the temperature of the solution in the range of 10-60 0C, immersing the fenugreek seeds in the solution for between 2 to 72 hours, recovering the galactomannans from the solution and recovering the fenugreek seeds for further processing.

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

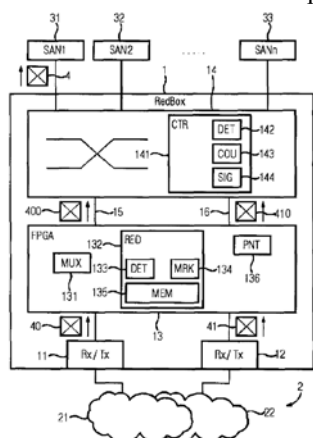
(54) Title of the invention : COMMUNICATION DEVICE FOR A REDUNDANTLY OPERABLE INDUSTRIAL COMMUNICATION NETWORK AND METHOD FOR OPERATING A COMMUNICATION DEVICE.

(51) International classification :H04L29/06
 (31) Priority Document No :EP12157499
 (32) Priority Date :29/02/2012
 (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)SIEMENS AKTIENGESELLSCHAFT
 Address of Applicant :WITTELSBACHERPLATZ 2, 80333
 MÜNCHEN, GERMANY
 (72)Name of Inventor :
1)HERMANN ANGST
2)JOACHIM LOHMEYER

(57) Abstract :

A communication device for a redundantly operable industrial communication network comprises at least one first and one second transmitting and receiving unit each having an interface for a network connection of the industrial communication network. A signal processing unit is connected to the first and second transmitting and receiving units. A singly linked network node is connected to the signal processing unit via a coupling element. The signal processing unit is connected to the coupling element via a first and second interface. In this case, the first interface is provided exclusively for communicating data packets received by the first receiving unit, while the second interface is provided exclusively for communicating data packets received by the second receiving unit.



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

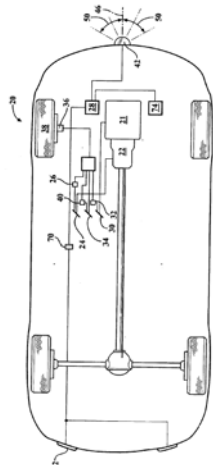
(54) Title of the invention : METHOD TO TRIGGER ENGINE START OF A HYBRID VEHICLE BASED ON LOCAL TRAFFIC CONDITIONS

(51) International classification :B60W10/18
 (31) Priority Document No :13/408,148
 (32) Priority Date :29/02/2012
 (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)GM GLOBAL TECHNOLOGY OPERATIONS LLC
 Address of Applicant :300 GM RENAISSANCE CENTER,
 DETROIT, MICHIGAN 48265-3000, U.S.A.
 (72)**Name of Inventor :**
1)EDWARD D. TATE JR.
2)ALAN G. HOLMES

(57) Abstract :

A method of operating a hybrid vehicle includes disengaging, i.e., turning off, an internal combustion engine when a brake pedal is disposed in a released position, i.e., non-depressed position, an accelerator pedal is disposed in a released position, i.e., non-depressed position, and a forward path of the hybrid vehicle is blocked, thereby conserving fuel. The method includes engaging, i.e., starting, the internal combustion engine when the brake pedal is disposed in the released position, the accelerator pedal is disposed in the released position, and the forward path of the hybrid vehicle is clear, thereby allowing for a quick launch of the vehicle.



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

(54) Title of the invention : BASE STATION DEVICE, MOBILE TERMINAL DEVICE, AND COMMUNICATION CONTROL METHOD

(51) International classification :H04J11/00,H04J1/00,H04W72/04

(31) Priority Document No :2010-225223

(32) Priority Date :04/10/2010

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2011/072748
Filing Date :03/10/2011

(87) International Publication No :WO 2012/046683

(61) 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)NAGATA, Satoshi

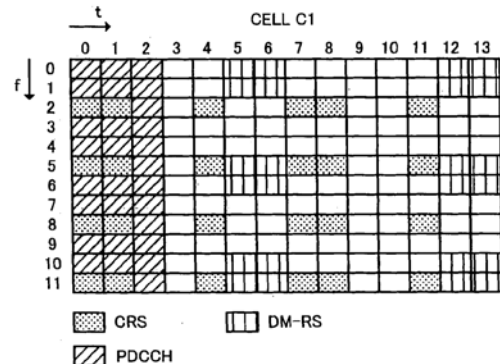
2)OHWATARI, Yusuke

3)ABE, Tetsushi

4)MIKI, Nobuhiko

(57) Abstract :

A base station device,a mobile terminal device, and a communication control method,which are capable of improving the accuracy of channel quality estimation,are provided. The communication control method is characterized by having: a step in which channel state information reference signals (CSI-RS),which are reference signals for estimating downlink channels,are provided in CSI RS resources stipulated for CSI-RS transmission; a step in which muting resources are set for CSI-RS resources; and a step in which parameters including at least,transmission subframe cycles, subframe offsets,and transmission power,which identify CSI-RSs,are sent to mobile terminal devices.



No. of Pages : 79 No. of Claims : 17

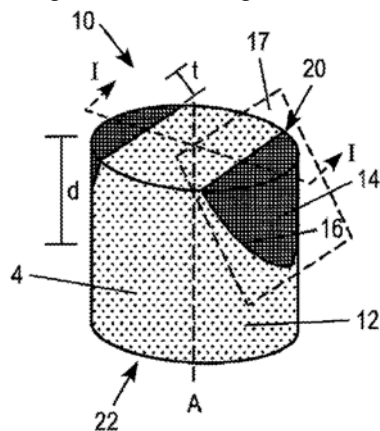
(54) Title of the invention : CUTTING ELEMENT STRUCTURE WITH SLOPED SUPERABRASIVE LAYER

(51) International classification :E21B10/567,E21B10/573
 (31) Priority Document No :61/409,747
 (32) Priority Date :03/11/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/059084
 Filing Date :03/11/2011
 (87) International Publication No :WO 2012/061563
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)DIAMOND INNOVATIONS, INC.
 Address of Applicant :6325 Huntley Road, Worthington, OH
 43229, U.S.A.
 (72)Name of Inventor :
1)LIN, Yuanbo

(57) Abstract :

A superabrasive compact cutting element,for example,an insert utilized in shear cutter bits. The cutting elements include a layer of superabrasive materials that is provided with different shapes and positions relative to the substrate in order to enhance the abrasion resistance performance of the cutting element. The cutting element includes a top,bottom and peripheral surface. The cutting element further includes at least one superabrasive material portion comprising polycrystalline diamond (PCD) or cubic boron nitride (CBN),a substrate supporting the at least one superabrasive material portion,and an interface where the at least one superabrasive material portion and the substrate are joined. The interface slopes downwardly with a slope angle of less than about 40° and/or the cutting element has a longitudinal thickness of the at least one superabrasive material portion measured along a peripheral surface of the cutting element in a longitudinal direction greater than about 3 mm.



No. of Pages : 37 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.946/KOLNP/2013 A

(43) Publication Date : 30/08/2013

(54) Title of the invention : CATALYST FOR SELECTIVE PARAFFIN ISOMERIZATION AND PREPARATION METHOD AND USE THEREOF

(51) International classification :B01J29/00,C10G49/08,C10G73/38
(31) Priority Document No :201010509102.8
(32) Priority Date :13/10/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/001716
Filing Date :13/10/2011
(87) International Publication No :WO 2012/048533
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CHINA PETROLEUM & CHEMICAL CORPORATION
Address of Applicant :No.22 Chaoyangmen North Street,
Chaoyang District, Beijing 100728, P.R. CHINA
**2)FUSHUN RESEARCH INSTITUTE OF PETROLEUM
AND PETROCHEMICALS SINOPEC**
(72)Name of Inventor :
1)XU, Huiqing
2)LIU, Quanjie
3)JIA, Liming
4)ZHANG, Xiwen
5)WANG, Wei

(57) Abstract :

Disclosed are a catalyst for paraffin isomerization,as well as a preparation method and use thereof. The catalyst comprises a TON molecular sieve modified by a rare earth,an inorganic refractory oxide modified by zirconium oxide and a noble metal of group VIII. The weight ratio of the TON molecular sieve modified by a rare earth to the inorganic refractory oxide modified by zirconium oxide is 10:90 to 90:10,and the content of the metal of group VIII is 0.1 to 10 wt% based on metals. The catalyst can be used in the process of isomerization de waxing of various raw materials containing paraffin,not only decreasing the solidifying point of raw oil containing paraffin,but also increasing the yield of liquid products. Particularly,using the catalyst in the process of isomerization de-waxing of lubricating oil distillates has the advantages of a higher product yield of base oil for lubricating oil,a lower pour point (solidifying point) and a higher viscosity index.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.118/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :30/01/2013

(43) Publication Date : 30/08/2013

(54) Title of the invention : SADDLE-RIDING VEHICLE

(51) International classification

:F01N13/00

(31) Priority Document No

:2012-

039785

(32) Priority Date

:27/02/2012

(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)YAMAHA HATSUDOKI KABUSHIKI KAISHA

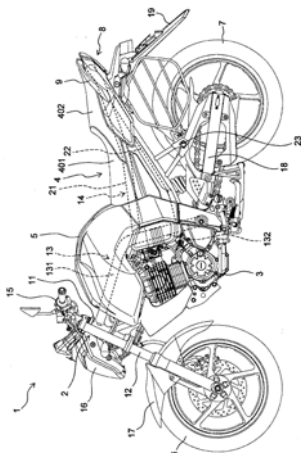
Address of Applicant :2500, SHINGAI, IWATA-SHI,
SHIZUOKA 438-8501, JAPAN

(72)Name of Inventor :

1)WATARU KATANO

(57) Abstract :

In a saddle-riding vehicle, a tail cover is positioned rearward of a seat and between a left side cover and a right side cover. A cross member is positioned across a left supporting frame and a right supporting frame. A grab bar is attached to the cross member in an attachable and detachable manner. The tail cover, in the plan view of the vehicle, is positioned so as to at least partially overlap a portion of attaching the cross member and the grab bar. In a state in which the side covers and the grab bar are attached to the vehicle, it is possible to attach or detach the tail cover to or from the vehicle.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.947/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

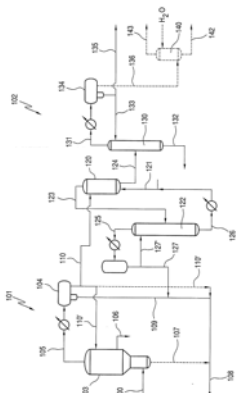
(54) Title of the invention : PROCESS FOR RECOVERING HALOGEN PROMOTERS AND REMOVING PERMANGANATE REDUCING COMPOUNDS

(51) International classification :C07C51/12,C07C51/44,C07C51/48
(31) Priority Document No :61/392,736
(32) Priority Date :13/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/056139
Filing Date :13/10/2011
(87) International Publication No :WO 2012/051412
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application 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)TORRENCE G. Paull
2)ZINOBILE Raymond
3)OYERINDE Oyeyemi

(57) Abstract :

This invention relates to processes for producing acetic acid and,in particular,to improved processes for recovering C2+ alkyl halides and removing permanganate reducing compounds formed during the carbonylation of methanol in the presence of a Group VIII metal carbonylation catalyst to produce acetic acid.



No. of Pages : 27 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.948/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD FOR PURIFYING METHYL-TERTIARY BUTYL ETHER (MTBE)-CONTAINING MIXTURES AND FOR PRODUCING ISOBUTENE BY CLEAVAGE OF MTBE-CONTAINING MIXTURES

(51) International classification :C07C41/42,C07C41/06,C07C43/04
(31) Priority Document No :10 2010 042 774.8
(32) Priority Date :21/10/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/067770
Filing Date :12/10/2011
(87) International Publication No :WO 2012/052327
(61) 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 OXENO GMBH

Address of Applicant :Paul-Baumann-Str. 1,45772 Marl
GERMANY

(72)Name of Inventor :

1)WINTERBERG, Markus

2)RÖTTGER, Dirk

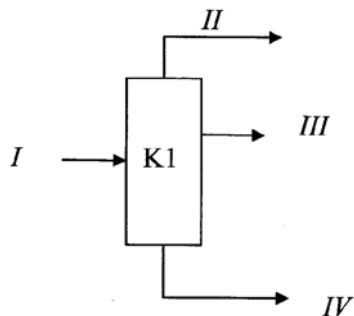
3)RIX, Armin

4)BUKOHL, Reiner

5)BÖING, Christian

(57) Abstract :

The invention relates to a method for the efficient purification of MTBE-containing mixtures and for producing isobutene by cleavage of MTBE-containing mixtures. Technical MTBE is separated by distillation into a C4- and C5-hydrocarbon-containing top product,an acetone, methanol and MTBE-containing side cut,and an MTBE-containing bottom product.



No. of Pages : 57 No. of Claims : 16

(54) Title of the invention : MOUNTING RAIL FOR MICROMORPH SOLAR PHOTOVOLTAIC MODULES AND THE METHOD OF MOUNTING

(51) International classification :H01L31/042
 (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)BHARAT HEAVY ELECTRICALS LIMITED

Address of Applicant :REGIONAL OPERATIONS
 DIVISION (ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
 KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
 HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
 FORT, NEW DELHI - 110049, INDIA.

(72)Name of Inventor :

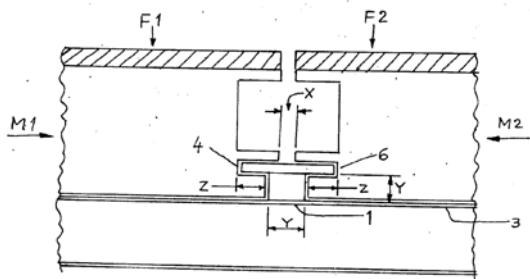
1)RAVEESH KUMAR

2)DR. BASUDEV PRASAD

3)SUDIP BHATTACHARYA

(57) Abstract :

A flat strip (9) is welded with both sides of a square cross sectional rebar (10) for making a 'T' shape mounting rail (1). This mounting rail (1) is welded to a mild steel support (3) for providing a common fixing arrangement for two framed micromorph modules (M1, M2). The modules (M1, M2) are mounted by sliding them into the mounting rails from both sides utilizing the space provided by the frame (F) between the two aluminium notches. A gap (X) of 3 mm is provided between the two modules (M1, M2) to withstand the thermal expansion of the modules (M1, M2).



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

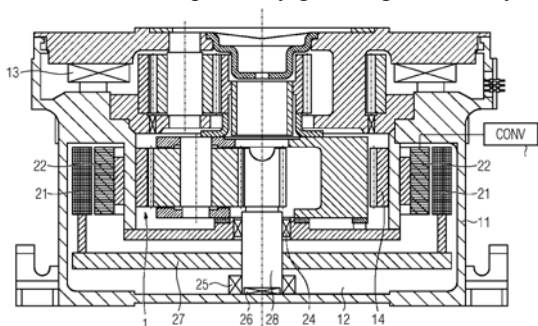
(54) Title of the invention : GEARED MOTOR FOR A MILL DRIVE SYSTEM

(51) International classification :B02C15/00
 (31) Priority Document No :10015077.0
 (32) Priority Date :29/11/2010
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2011/069091
 Filing Date :31/10/2011
 (87) International Publication No :WO 2012/072351
 (61) 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)FRIEDHELM PÖTTER
2)JOACHIM RIDDER

(57) Abstract :

The invention relates to a geared motor for a mill drive system, which geared motor comprises a gear mechanism which can be arranged beneath a milling plate or to the side of a milling drum and has at least one planetary gear stage, which gear mechanism has either a vertical shaft position or a horizontal shaft position. In addition, an electric motor is integrated in a housing of the gear mechanism, said electric motor being connected to a lubricant supply circuit of the gear mechanism. The rotor and stator of the motor have axes which extend parallel to the shaft position of the gear mechanism. The motor is cooled by means of lubricant which circulates through the gear mechanism. Furthermore, a casing, which is impermeable to lubricating oil, for rotor and stator windings of the motor is provided to seal off said windings from lubricant which is circulating within the housing. A converter having an associated control device for controlling the rotation speed of the motor without play of a tooth system is also provided. A hollow gear of the at least one planetary gear stage is radially surrounded both by the rotor and by the stator.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.187/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 30/08/2013

(54) Title of the invention : METHOD FOR PROVIDING A COMMUNICATION SESSION AND DEVICE

(51) International classification	:H04M 3/42T	(71) Name of Applicant : 1)INTEL MOBILE COMMUNICATIONS GMBH Address of Applicant :AM CAMPEON 10-12 85579 NEUBIBERG, GERMANY
(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)PHANI BHUSHAN ATHLUR
Filing Date	:NA	2)PRABHAKAR KRISHNASWAMY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for providing a communication session may include establishing, during an established communication session between a first communication device and another communication device, a communication connection with a second communication device; determining, as to whether one or more communication services provided in the communication session by the first communication device should be provided by the second communication device; and in case at least one of the communication services provided in the communication session should be provided by the second communication device, establishing a communication session connection for the at least one communication service of the communication session, and providing the at least one communication service by the second communication device within the established communication session.

No. of Pages : 79 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.903/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 30/08/2013

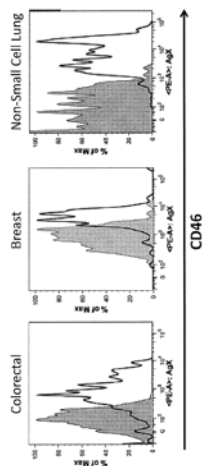
(54) Title of the invention : NOVEL MODULATORS AND METHODS OF USE

(51) International classification :A61K39/395,C07K16/22,C07K16/40
(31) Priority Document No :61/380,181
(32) Priority Date :03/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/050439
Filing Date :02/09/2011
(87) International Publication No :WO 2012/031273
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)STEM CENTRX, INC.
Address of Applicant :450 East Jamie Court, South San Francisco, California 94080 U.S.A.
(72)Name of Inventor :
1)DYLLA Scott, J.
2)FOORD, Orit
3)STULL, Robert, A.
4)ANDERSON, Wade, C.
5)OHSHIMA, Saiyou

(57) Abstract :

Novel modulators, including antibodies and derivatives thereof, and methods of using such modulators to treat hyperproliferative disorders are provided.



No. of Pages : 159 No. of Claims : 108

(54) Title of the invention : COMMUNICATION APPARATUS, REMINDER APPARATUS, AND INFORMATION RECORDING MEDIUM

(51) International classification :G06F21/20,H04L9/32
 (31) Priority Document No :2010-194234
 (32) Priority Date :31/08/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/069600
 Filing Date :30/08/2011
 (87) International Publication No :WO 2012/029776
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)OGAWA, Hideharu

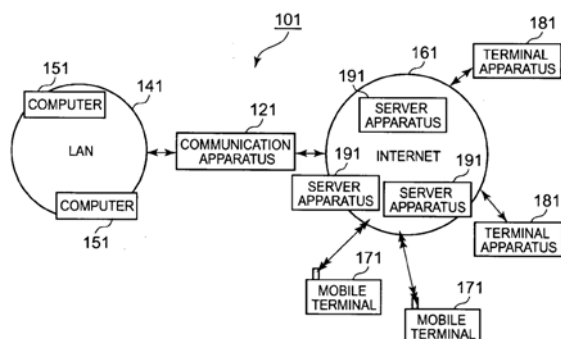
Address of Applicant :6-18, Osaki 2-chome, Shinagawa-ku, Tokyo 1410032 JAPAN

(72)Name of Inventor :

1)OGAWA, Hideharu

(57) Abstract :

Provided is a communication apparatus (121) that securely manages a password used for utilizing a server apparatus. A generation unit (203) generates a random table that has the same number of rows and the same number of columns as a password table associated with a server name designated in an authentication request received by a reception unit (202). An acceptance unit (205) accepts a key from a user to whom the random table is presented by a presentation unit (204). A determination unit (206) determines, from the key and the random table a users order of selections of elements in the table. An acquisition unit (207) selects and arranges elements of the password table in the determined order of selections, thereby acquiring a password. An output unit (208) displays the acquired password on a display device or transmits the acquired password to the server apparatus, thereby allowing the user to utilize the server apparatus.



No. of Pages : 44 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.906/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 30/08/2013

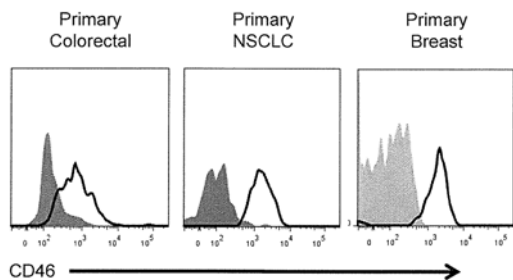
(54) Title of the invention : IDENTIFICATION AND ENRICHMENT OF CELL SUBPOPULATIONS

(51) International classification :A61K39/395,C07K16/22,C07K16/40
(31) Priority Document No :61/380,181
(32) Priority Date :03/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/050451
Filing Date :02/09/2011
(87) International Publication No :WO 2012/031280
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)STEM CENTRX, INC.
Address of Applicant :450 East Jamie Court, South San Francisco, CA 94080 U.S.A.
(72)Name of Inventor :
1)DYLLA ,Scott J.
2)SANTAGUIDA, Marianne
3)ANDERSON Wade C.

(57) Abstract :

Markers useful for the identification, characterization and, optionally, the enrichment or isolation of tumorigenic cells or cell subpopulations are disclosed.



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

(54) Title of the invention : A TWO-STAGE REHEATER IN A TWO PASS TANGENTIAL FIRED BOILER TO MAINTAIN STEAM TEMPERATURE IMBALANCE BETWEEN THE RIGHT AND LEFT LEADS OF REHEATER OUTLET

(51) International classification :F22B37/40
 (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)BHARAT HEAVY ELECTRICALS LIMITED

Address of Applicant :REGION CAL OPERATIONS
 DIVISION (ROD), PLOT NO. 9/1, DJ BLOCK 3RD FLOOR,
 KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
 HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
 FORT, NEW DELHI - 110049, INDIA.

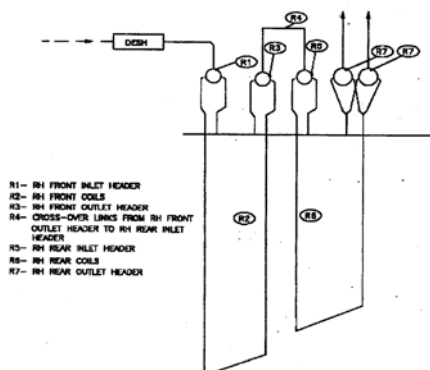
(72)Name of Inventor :

1)RAMALINGAM KUMAR

2)MARAN ANANDARAJ

(57) Abstract :

The invention relates to a two-stage reheater in a two pass tangential fired boiler to maintain steam temperature imbalance between the right and left leads of reheater outlet within 10°C, comprising : a reheater front section having left side and right side inlet and outlet header; a reheater rear section having left side and right side inlet and outlet header; the reheater front section outlet header sustaining temperature imbalance due to gas side unbalance when steam from a high pressure turbine is first heated; a plurality of criss cross links provided between the reheater front section and the rear section; and a plurality of Siamese headers disposed at the outlet of the reheater rear section such that alternative assemblies of the tubes of reheater rear section are connected to said Siamese headers.



No. of Pages : 14 No. of Claims : 2

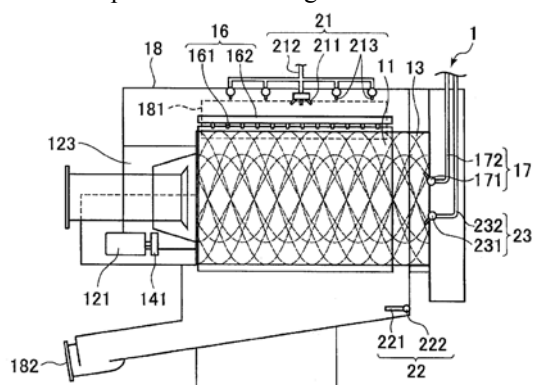
(54) Title of the invention : SOLID POLYMER SEPARATOR

(51) International classification :C08F6/12,C08F36/00
 (31) Priority Document No :JP2010-212284
 (32) Priority Date :22/09/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/071666
 Filing Date :22/09/2011
 (87) International Publication No :WO 2012/039466
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)JSR CORPORATION
 Address of Applicant :1-9-2, Higashi Shinbashi, Minato-ku,
 Tokyo, 105-8640, JAPAN
 (72)Name of Inventor :
1)SUZUKI Wataru
2)FUJIHIRA Hidetsugu
3)TAKAHASHI Fujio
4)NAKAJIMA Hiroshi

(57) Abstract :

Provided is a solid polymer separator (1) which comprises a cylindrical screen (11) provided with a number of slits, a driving unit for circumferentially rotating the screen (11), a helical guide plate provided in the inner circumferential face of the screen (11), a liquid spray unit (16) (first liquid spray unit) provided in the outer circumferential face side of the screen (11), said liquid spray unit (16) facing toward the outer circumferential face of the screen (11), and a casing (18) surrounding at least the screen (11) and having a discharge port (182) in the lower part thereof. According to the solid polymer separator (1), solid polymer particles dispersed in a liquid can be separated from the liquid while avoiding contamination of the solid polymer with a metal and preventing remaining a large amount of the liquid in the solid polymer. By using the solid polymer separator (1), moreover, procedures for washing, conditioning, replacing, etc. can be skipped or conducted less frequently, which makes it unnecessary to continuously shut down the production process over a long time.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.911/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

(54) Title of the invention : A PROCESS FOR REALISING BLANKS FOR BOXES TO MEASURE

(51) International classification	:B31B1/74,B31B17/00	(71)Name of Applicant :
(31) Priority Document No	:MO2010A000324	1)SYSTEM S.P.A.
(32) Priority Date	:11/11/2010	Address of Applicant :Via Ghiarola Vecchia 73, I-41042
(33) Name of priority country	:Italy	Fiorano Modenese (Modena) ITALY
(86) International Application No	:PCT/IB2011/054618	(72)Name of Inventor :
Filing Date	:18/10/2011	1)TORO, Andrea
(87) International Publication No	:WO 2012/063152	
(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 realising blanks for the manufacture of boxes to measure, characterised in that it comprises the following stages:- collecting at least a sheet (10) of packing material from at least a store; transferring it to a cutting station (2) in which the sheet (1) itself is cut so that a plurality of pieces (11, 12, 13, 14) is obtained therefrom which plurality of pieces (11, 12, 13, 14) exhibits a common dimension and other dimensions which are different from one another according to predetermined ratios;- collecting the pieces, according to the dimensions of the box to be formed, in order to cut them into the predetermined dimensions, after joining, when necessary, one or more of said dimensionally homogeneous pieces so as to form a piece that is longer than the one available and suitable for constituting the bottom piece (20), which comprises the bottom and at least two first opposite lateral walls (24) of the box to be formed; cutting to measure said pieces and subjecting them singly to a first and a second marking in order to obtain weakened or folding lines in predetermined positions;- and after removal, if necessary, of corner portions of some pieces, carrying out the composition thereof in order to form a single body constituting the blank (40), flat, complete and ready to be folded and glued to form the box.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.912/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 30/08/2013

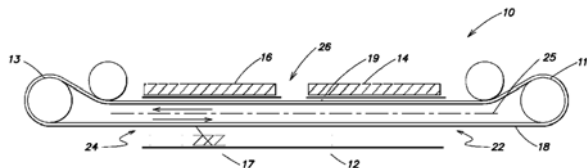
(54) Title of the invention : ELECTROSTATIC SEPARATION CONTROL SYSTEM

(51) International classification :B03C3/30,B03C3/68
(31) Priority Document No :12/875,792
(32) Priority Date :03/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/050148
Filing Date :01/09/2011
(87) International Publication No :WO 2012/031080
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SEPARATION TECHNOLOGIES LLC
Address of Applicant :101 Hampton Avenue, Needham, MA
02494 U.S.A.
(72)Name of Inventor :
1)MACKAY, Bruce, E.
2)SERT, Bulent

(57) Abstract :

A process control system, more particularly, a process control system for controlling electrostatic separation for the separation of particulate materials is provided.



No. of Pages : 36 No. of Claims : 73

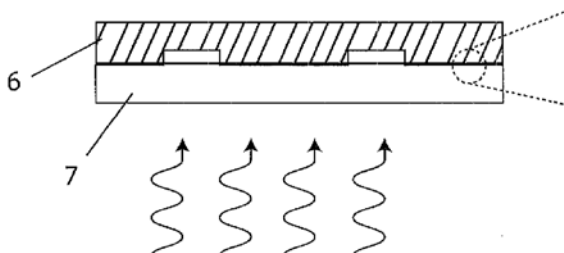
(54) Title of the invention : METHOD FOR THE MANUFACTURE OF ARTICLES OF THIOL-ENE POLYMERS

(51) International classification :C08G75/02,B81B1/00,B81C1/00
 (31) Priority Document No :1000972-8
 (32) Priority Date :01/10/2010
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/EP2011/067228
 Filing Date :03/10/2011
 (87) International Publication No :WO 2012/042059
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)MERCENE LABS AB
 Address of Applicant :Öregrundsgatan 18, SE-115 59
 Stockholm SWEDEN
 (72)Name of Inventor :
1)CARLBORG, Carl Fredrik
2)HARALDSSON, Tommy
3)ÖBERG, Kim
4)MALKOCH, Michael

(57) Abstract :

A method for the manufacture of articles of thiol-ene polymers comprises the steps: a) reacting a compound comprising at least two thiol groups and a compound comprising at least two carbon-carbon double bonds, in off stoichiometry ratios to obtain a first intermediate article, wherein said first intermediate article comprises at least one unreacted group selected from an unreacted thiol group and an unreacted carbon-carbon double bond, and b) contacting said first intermediate article with a second article, wherein the surface of said second article at least partially comprises reactive groups and reacting at least a part of said unreacted groups on said first intermediate article with chemical groups on said second article to obtain covalent bonds and forming a final article.



No. of Pages : 46 No. of Claims : 21

(54) Title of the invention : A CLOSURE DEVICE

(51) International classification :B65D51/22,B65D75/58,B65D47/20
 (31) Priority Document No :2005329
 (32) Priority Date :08/09/2010
 (33) Name of priority country:Netherlands
 (86) International Application No :PCT/NL2011/050610
 Filing Date :06/09/2011
 (87) International Publication No :WO 2012/033405
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

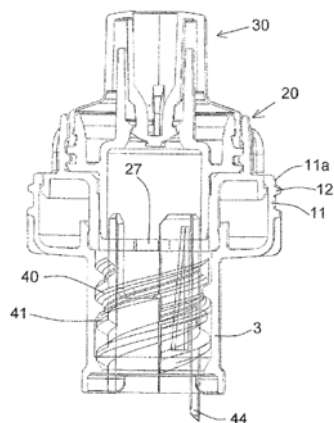
1)IPN IP B.V.Address of Applicant :1, Voorveste, NL-3992 DC Houten
NETHERLANDS

(72)Name of Inventor :

1)VAN DER MOLEN, Peter Jan**2)LAST, Laurens****3)GEBBINK, Jeroen Gerrit Anton**

(57) Abstract :

A closure device (1) for a product dispensing container. The closure device comprises a base (2) having a body with a connector portion (2a) adapted to mount the closure device on a product container. The base comprises a product channel (5) and a rupturable seal (4) occluding the product channel and forming a lower seal of the closure device. A rotary part (20) is rotatably journaled on the base. The rotary part has a product passage (21) in communication with the product channel in the base. An upper sealing arrangement (30) is arranged on the rotary part and forms an upper seal of the closure device that is remote from the lower seal and seals the product passage of the rotary part. A lower seal rupturing member (40) is movable in a rupturing motion relative to the base to rupture the rupturable lower seal. A motion transfer (27, 42, 3b, 41) means is provided and is adapted so as to effect the rupturing motion of the lower seal rupturing member upon suitable rotary actuation of the rotary part. A protective overcap (10) is removable by the user.



No. of Pages : 37 No. of Claims : 14

(54) Title of the invention : PRODRUGS OF GUANFACINE

(51) International classification :C07C279/24,C07D233/64,A61K31/155
(31) Priority Document No :61/383,056
(32) Priority Date :15/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2011/051730
Filing Date :14/09/2011
(87) International Publication No :WO 2012/035346
(61) 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

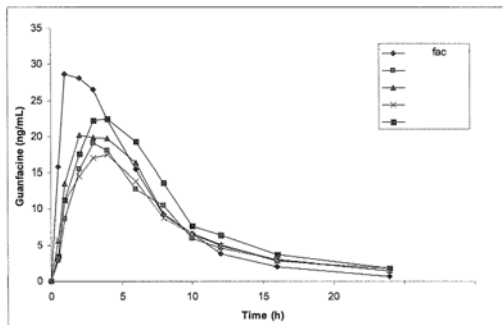
Address of Applicant :9200 Brookfield Court, Florence, Kentucky KY 41042 U.S.A.

(72)Name of Inventor :

1)WHOMSLEY, Rhys**2)GOLDING, Bernard****3)TYSON, Bob**

(57) Abstract :

Prodrugs of guanfacine, pharmaceutical compositions containing such prodrugs and a method for providing therapeutic benefit in the treatment of ADHD/ODD (attention deficient hyperactivity disorder and oppositional defiance disorder) with guanfacine prodrugs are provided herein. Additionally, methods for improving the pharmacokinetics of guanfacine or minimizing or avoiding the adverse gastrointestinal side effects associated with guanfacine administration are provided herein.



No. of Pages : 66 No. of Claims : 22

AMENDMENT UNDER SEC.57, KOLKATA .

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the address for service of the Patentee in respect of Patent No. 252933 (96/KOLNP/2007) has been amended to :

M/s K & S Partners, 4121/B,6th Cross,19A Main,Hall II
Stage(Extension),Bangalore-560038,KARNATAKA,INDIA.

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	185707	1995/DEL/1996	11/09/1996		AN IMPROVED PROCESS FOR THE PREPARATION OF URETHANES	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH		DELHI
2	187299	2785/DEL/1997	30/09/1997		AN IMPROVED PROCESS FOR THE MANUFACTURE OF TEA	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	12/09/2008	DELHI
3	190818	1951/DEL/1996	02/09/1996	01/09/1995	A METHOD OF MANUFACTURE OF A DIAGNOSTIC KIT FOR DETECTING TUBERCULOSIS	CORIXA CORPORATION	12/09/2008	DELHI
4	256998	1419/DEL/2007	03/07/2007	05/07/2006	A BEAM FOR SUPPORTING DRYWALL SHEETS IN SUSPENDED CEILING	WORTHINGTON ARMSTRONG VENTURE	18/01/2008	DELHI
5	257001	927/DEL/2002	12/09/2002	19/09/2001	LACQUER-COATED WIRE	AKG ACOUSTICS GMBH	21/01/2005	DELHI
6	257003	2237/DELNP/2006	21/10/2004	21/10/2003	A METHOD OF MAKING A BATTERY A PLATE	JOHNSON CONTROLS TECHNOLOGY COMPANY	03/08/2007	DELHI
7	257007	2313/DEL/1996	25/10/1996		EXTRUSION HEAD FOR EXTRUDING A SURFACE LAYER	MAILLEFER SA	03/03/2006	DELHI
8	257012	2099/DELNP/2004	23/12/2002	22/12/2001	A SELF-SUPPORTING ENERGY ABSORBING STRUCTURE	DESIGN BLUE LTD.	15/06/2007	DELHI
9	257013	1441/DELNP/2007	22/08/2005	24/08/2004	A SUBSTITUTED BIPHENYL-2-YLOXYACETIC ACID COMPOUNDS	ASTRAZENECA AB	03/08/2007	DELHI
10	257016	518/DELNP/2008	07/07/2006	22/07/2005	SECRETION OF ANTIBODIES WITHOUT SIGNAL PEPTIDES FROM BACTERIA	KALOBIOUS, INC.	08/08/2008	DELHI
11	257021	745/DELNP/2008	28/07/2006	28/07/2005	MICROCAPSULES AND METHOD FOR THE PRODUCTION OF SAID MICROCAPSULES	SCHILL + SEILACHER GMBH	11/07/2008	DELHI
12	257023	6756/DELNP/2008	22/10/2004	24/10/2003	PROCESS FOR MANUFACTURE OF CALCIUM SALT OF (E)7[7(4FLUOROPHENYL)6ISOPROPYL2[METHYL(METHYLSULFONYL)AMINO]PYRIMIDINE5YL](3R5S)3,5DIHYDROXYHEPT6ENOIC ACID	ASTAZENECA UK LIMITED, SHIONOGI & COMPANY LIMITED	24/10/2008	DELHI

13	257025	6940/DELNP/2007	10/04/2006	11/04/2005	A COMPOUND N-[7-ISOPROPYL-6(2-METHYL-2H-PYRAZOL-3YL)-2,4-DLHYDRO-2H-QUINAZOLIN-3-YL]-METHANESULFONAMIDE AND COMPOSITION COMPRISING THE SAME	NOVARTIS AG	28/09/2007	DELHI
14	257042	2873/DELNP/2006	29/12/2004	30/12/2003	CHAIR HAVING SYNCHRONOUS MOVEMENT OF BACK AND SEAT ASSEMBLIES	HNI TECHNOLOGIES INC.	10/08/2007	DELHI
15	257043	10080/DELNP/2007	26/06/2006	28/06/2005	KNOCKING STATE DETERMINATION DEVICE	TOYOTA JIDOSHA KABUSHIKI KAISHA,	20/06/2008	DELHI
16	257052	4528/DELNP/2006	17/02/2005	17/02/2005	A METHOD FOR THE PREPARATION OF A HIGH-PURITY RICE PROTEIN CONCENTRATE	GENENCOR INTERNATIONAL INC.	24/08/2007	DELHI
17	257056	7370/DELNP/2007	17/04/2006	15/04/2005	BENZIMIDAZOLE COMPOUND	EISAI R & D MANAGEMENT CO.,LTD.,	09/11/2007	DELHI
18	257059	3778/DELNP/2004	02/06/2003	31/05/2002	A DRILL CUTTINGS DRYER	BAKER HUGHES INCORPORATED	04/12/2009	DELHI
19	257060	1917/DELNP/2003	22/05/2002	25/05/2001	TAMPER-EVIDENT DEVICE	GUALA CLOSURES PATENTS B.V.	16/12/2005	DELHI

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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	257000	829/MUMNP/2008	20/10/2006	20/10/2005	CACHING MEMORY ATTRIBUTE INDICATORS WITH CACHED MEMORY DATA	QUALCOMM INCORPORATED	05/09/2008	MUMBAI
2	257004	2075/MUM/2008	26/09/2008	28/09/2007	OPTICAL INFORMATION REPRODUCING METHOD, OPTICAL INFORMATION REPRODUCING APPARATUS AND OPTICAL INFORMATION RECORDING MEDIUM	HITACHI, LTD.	05/06/2009	MUMBAI
3	257005	1180/MUMNP/2006	21/03/2005	25/03/2004	LOSSLESS MULTI-CHANNEL AUDIO CODEC	DTS , INC.,DTS INC.	20/04/2007	MUMBAI
4	257019	318/MUM/2008	13/02/2008		SINGLE DOOR LOCK FOR RESIDENTIAL PURPOSE	GODREJ & BOYCE MFG. CO. LTD.	09/10/2009	MUMBAI
5	257024	1573/MUM/2005	14/12/2005		METHOD OF THERMAL TREATMENT OF METAL OR METAL ALLOY COMPONENTS	TATA CONSULTANCY SERVICES LTD.	14/09/2007	MUMBAI
6	257026	480/MUM/2008	10/03/2008		A PROCESS FOR PREPARATION OF NANO ZINC OXIDE PARTICLES	TATA CHEMICALS LIMITED	16/10/2009	MUMBAI
7	257028	312/MUM/2006	06/03/2006		COMPOSITION OF SEMI-SYNTHETIC CUTTING OIL FOR METAL WORKING APPLICATIONS	INDIAN OIL CORPORATION LIMITED	26/10/2007	MUMBAI
8	257031	1696/MUMNP/2009	13/06/2003	14/06/2002	A PHARMACEUTICAL FORMULATION	CIPLA LIMITED	14/05/2010	MUMBAI
9	257034	83/MUM/2005	27/01/2005	28/01/2004	METHOD AND SYSTEM AS WELL AS APPARATUS FOR TRANSVERSE CONVEYANCE OF REAMS	E.C.H.WILL GMBH	11/08/2006	MUMBAI
10	257038	1618/MUM/2007	24/08/2007		A METHOD OF PRODUCING PRECIPITATED CALCIUM CARBONATE USING BRINE AND A SYSTEM THEREOF	TATA CHEMICALS LIMITED	19/06/2009	MUMBAI
11	257039	858/MUM/2007	04/05/2007		PROCESS FOR MANUFACTURE OF HIGH PURITY D-(-)-N,N-DIETHYL-2-(α -NAPHTHOXY)PROPIONAMIDE	UNITED PHOSPHORUS LIMITED	04/07/2008	MUMBAI

12	257044	450/MUM/2009	02/03/2009 12:29:34		AN ALGAE PRODUCTION SYSTEM	GUJARAT LIFE SCIENCES PVT. LTD.	19/11/2010	MUMBAI
13	257046	1995/MUMNP/2007	01/06/2006	03/06/2005	METHOD FOR PRODUCING 1,3 - PROPANEDIOL USING CRUDE GLYCEROL, A BY- PRODUCT FROM BIODIESEL PRODUCTION	TSINGHUA UNIVERSITY	18/01/2008	MUMBAI
14	257047	912/MUM/2006	12/06/2006 12:52:40		IMPROVED SORBENT COMPOSITION METHOD FOR THE MANUFACTURE THEREOF AND THE PROCESS FOR REMOVAL OF SULFUR FROM DISTILLATE RANGE FUELS	BHARAT PETROLEUM CORPORATION LTD.	11/07/2008	MUMBAI
15	257054	126/MUMNP/2007	20/06/2006	20/06/2005	VALVE SEAT AND VALVE GUIDE MACHINING TOOL	MAPAL FABRIK FUR PRAZISIONSWERKZEU GE DR. KRESS KG	20/07/2007	MUMBAI
16	257055	648/MUMNP/2008	24/08/2006	19/10/2005	HOUSING FOR AN OPTICAL MEASUREMENT DEVICE AND METHOD FOR PRODUCING A HOUSING	OERLIKON TEXTILE GMBH & CO. KG	04/07/2008	MUMBAI
17	257057	1511/MUMNP/2008	27/12/2006	29/12/2005	ALCOHOL-IN-OIL TYPE EMULSION COMPRISING A MULTIVALENT METAL SALT	RIE MANN TRADING APS	10/10/2008	MUMBAI
18	257061	1081/MUMNP/2006	03/03/2005	04/03/2004	PRESSURE TRANSMITTING CONNECTOR FOR AN ENDOSCOPY SYSTEM	Future Medical System S A.	20/04/2007	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	256993	2412/CHE/2006	22/12/2006		METHOD FOR SAVING POWER IN A WIRELESS DEVICE DURING NO ACKNOWLEDGEMENT SESSION	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	28/11/2008	CHENNAI
2	256994	1956/CHE/2005	29/12/2005		METHOD FOR OPTIMIZING ROUTE WHEN A DUAL MOBILE IPV4 NODE IS CONNECTED TO AN IPV6-ONLY NETWORK	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	20/07/2007	CHENNAI
3	256995	4646/CHENP/2006	17/06/2005	18/06/2004	BISPECIFIC ANTIGEN-BINDING POLYPEPTIDES	AMBRX, INC	29/06/2007	CHENNAI
4	256996	1281/CHE/2006	24/07/2006		CONVERSION OF ORGANIC WASTE TO SMALLER HYDROCARBONS	DR. DHESINGH SIVARAJ	01/02/2008	CHENNAI
5	256999	3281/CHENP/2008	18/12/2006	29/12/2005	A PROCESS FOR THE DEHYDROGENATION OF ALKYL-AROMATIC HYDROCARBONS FOR THE PRODUCTION OF VINYL-AROMATIC MONOMERS	POLIMERI EUROPA S.p.A.	06/03/2009	CHENNAI
6	257002	1508/CHE/2005	19/10/2005	22/10/2004	PESTICIDAL EMULSIFIABLE CONCENTRATE	SUMITOMO CHEMICAL COMPANY LIMITED	12/10/2007	CHENNAI
7	257006	2854/CHENP/2004	16/05/2003	21/05/2002	VISUAL INDICATOR FOR AN AEROSOL MEDICATION DELIVERY APPARATUS AND SYSTEM	TRUDELL MEDICAL INTERNATIONAL	17/02/2006	CHENNAI
8	257009	616/CHE/2004	28/06/2004	30/06/2003	A CATALYTIC CONVERSION PROCESS FOR PRODUCING LIGHT OLEFINS WITH A HIGH YIELD FROM PETROLEUM HYDROCARBONS	CHINA PETROLEUM & CHEMICAL CORPORATION, RESEARCH INSTITUTE OF PETROLEUM PROCESSING SINOPEC	14/08/2009	CHENNAI
9	257011	1876/CHE/2007	22/08/2007		A METHOD FOR SIMULTANEOUSLY GENERATING PENCIL BEAM AND SHAPED BEAM FROM A SINGLE SHAPED REFLECTOR	INDIAN SPACE RESEARCH ORGANISATION	11/09/2009	CHENNAI

10	257014	82/CHENP/2007	07/06/2005	07/06/2004	A ROTARY TRANSMISSION LEADTHROUGH PROVIDED WITH A GAS RETURN LINE	WEH, Erwin, WEH, Wolfgang	24/08/2007	CHENNAI
11	257015	1398/CHENP/2007	15/09/2005	22/09/2004	PHARMACEUTICAL COMPOSITION HAVING ACTIVITY OF ANTI-TUMOUR AND METHOD OF PREPARING THE SAME	TIAN JIN TASLY GROUP CO., LTD	31/08/2007	CHENNAI
12	257017	3187/CHENP/2004	15/07/2003	15/07/2002	A METHOD OF MAKING COMPOSITION OF SPRAY-DRIED PARTICLES	DOW GLOBAL TECHNOLOGIES, LLC	03/03/2006	CHENNAI
13	257018	4533/CHENP/2007	13/03/2006	14/03/2005	OXYMETHYLBORON COMPOUNDS	EISAI R&D MANAGEMENT CO., LTD	25/01/2008	CHENNAI
14	257020	1169/CHENP/2007	16/08/2005	27/09/2004	COSOLVENTS IN PRINTING FLUIDS	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	31/08/2007	CHENNAI
15	257029	1877/CHENP/2007	18/10/2005	02/11/2004	METHOD AND DEVICE FOR ENHANCING THE BRAKING EFFICIENCY OF AN AIRCRAFT DURING THE GROUND RUN	AIRBUS OPERATIONS SAS	31/08/2007	CHENNAI
16	257030	4398/CHENP/2006	21/05/2005	01/06/2004	A LIQUID AQUEOUS CROP PROTECTANT COMPOSITION	BAYER CROPSCIENCE AG	29/06/2007	CHENNAI
17	257032	4399/CHENP/2006	21/05/2005	01/06/2004	CONCENTRATED AQUEOUS FORMULATIONS FOR CROP PROTECTION	BAYER CROPSCIENCE AG	10/08/2007	CHENNAI
18	257033	2927/CHENP/2004	24/06/2003	28/06/2002	FFC CATALYST FOR REDUCING THE SULFUR CONTENT IN GASOLINE AND DIESEL	ALBEMARLE NETHERLANDS B.V	17/02/2006	CHENNAI
19	257040	1971/CHENP/2006	02/12/2004	05/12/2003	CARBON DIOXIDE FOAMED FLUIDS	SCHLUMBERGER TECHNOLOGY B.V.	08/06/2007	CHENNAI
20	257045	1362/CHENP/2007	05/09/2005	03/09/2004	FERMENTED FOOD MATERIAL COMPRISING RECEPTOR LIGAND	CHR. HANSEN A/S	31/08/2007	CHENNAI
21	257050	2520/CHENP/2004	08/04/2003	08/04/2002	BLOOD COMPONENT SEPERATION METHOD AND APPARATUS	THERMOGENESIS CORP	07/09/2007	CHENNAI
22	257051	2938/CHENP/2005	09/04/2003	09/04/2003	A METHOD FOR DECODING AN ENCODED BTSC COMPOSITE AUDIO SIGNAL	THAT CORPORATION	10/08/2007	CHENNAI
23	257053	72/CHE/2007	11/01/2007 15:18:46		FULLY HUMAN MONOCLONAL ANTIBODIES AGAINST RABIES VIRUS AND USES THEREOF	INDIAN INNUMOLOGICALS LIMITED	28/11/2008	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	256997	3597/KOLNP/2006	06/06/2005	05/06/2004	TRANSDERMAL DRUG DELIVERY DEVICE COMPRISING EXTENSOR-RELAXOR MEANS	CHOWDHURY,DEWAN,FAZLUL,HOQUE	15/06/2007	KOLKATA
2	257010	1602/KOLNP/2007	02/11/2005	05/11/2004	METHODS AND APPARATUS FOR DEMOLDING A SOFT CONTACT LENS	JOHNSON & JOHNSON VISION CARE, INC	27/07/2007	KOLKATA
3	257022	186/KOL/2009	03/02/2009		A PROCESS FOR THE PREPARATION OF MICROFINED COATED ALUMINA TRI HYDRATE	NATIONAL ALUMINIUM COMPANY LIMITED	17/07/2009	KOLKATA
4	257027	3819/KOLNP/2006	25/05/2005	27/05/2004	A STERNAL CLOSURE DEVICE	MAVREK Medical,LLC	22/06/2007	KOLKATA
5	257035	2857/KOLNP/2007	05/04/2006	15/04/2005	APPARATUS AND METHOD FOR ENVELOPE SHAPING A DECORRELATED SIGNAL	DOLBY INTERNATIONAL AB,FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V	07/09/2007	KOLKATA
6	257036	1471/KOLNP/2007	03/11/2005	03/11/2004	SYSTEM AND METHOD FOR PROVISIONING SERVICE FLOWS IN BROADBAND WIRELESS ACCESS COMMUNICATION	SAMSUNG ELECTRONICS CO., LTD.	20/07/2007	KOLKATA
7	257037	145/KOL/2007	01/02/2007		RIM SRTUCTURE OF A SATELLITE DISH ANTENNA	SHU-HUA, LIN	15/08/2008	KOLKATA
8	257041	3658/KOLNP/2006	10/04/2006	19/04/2005	ENERGY DEPENDENT QUANTIZATION FOR EFFICIENT CODING OF SPATIAL AUDIO PARAMETERS	DOLBY INTERNATIONAL AB,Fraunhofer - Gesellschaft zur Forderung,Koninklijke Philips Electronics N.V.	15/06/2007	KOLKATA
9	257048	387/KOL/2008	29/02/2008	06/04/2007	TABLE INTERPOLATION METHODS AND SYSTEMS	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA

10	257049	485/KOL/2008	10/03/2008	12/03/2007	PROTECTION UNIT FOR A PROGRAMMABLE DATA PROCESSING DEVICE	SECUNET SECURITY NETWORKS AKTIENGESELLSCHAFT	17/04/2009	KOLKATA
11	257058	1113/KOLNP/2006	09/11/2004	10/11/2003	METHODS AND COMPOSITIONS FOR SELECTIN INHIBITION	WYETH	27/04/2007	KOLKATA
12	257062	71/KOLNP/2007	12/05/2005	09/07/2004	AN APPARATUS AND A METHOD FOR GENERATING A MULTI-CHANNEL OUTPUT SIGNAL WITH K OUTPUT CHANNELS	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V., AGERE SYSTEMS INC	29/06/2007	KOLKATA
13	257063	3538/KOLNP/2006	20/06/2005	19/06/2004	A METHOD OF TRANSMITTING AND RECEIVING A TRAFFIC INDICATION MESSAGE BY A BASE STATION AND A MOBILE STATION IN A BROADBAND WIRELESS COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO., LTD.	15/06/2007	KOLKATA
14	257064	1375/KOLNP/2006	22/10/2004	24/10/2003	MAGNETIC GEARING OF PERMANENT MAGNET BRUSHLESS MOTORS	ELECTRONICA PRODUCTS LIMITED	04/05/2007	KOLKATA
15	257065	928/KOL/2007	28/06/2007	29/08/2006	A CONTROL SYSTEM AND A CONTROL METHOD FOR A DUAL STAGE TURBO HAVING A VARIABLE GEOMETRY TURBINE AND A FIXED GEOMETRY TURBINE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	14/03/2008	KOLKATA

CONTINUED TO PART- 2